



OKAN UNIVERSITY

İSTANBUL

MAIN CAMPUS TUZLA
CATALOG

2015-2016



OKAN UNIVERSITY

İSTANBUL



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Bekir OKAN

CHAIRMAN OF THE BOARD OF TRUSTEES

Dear Students,

We are living in a rapidly changing world whose needs, problems and expectations are increasing day by day. The peoples, nations and institutions of such a world should be ready and well-equipped for the future and they should adjust themselves to the changing present conditions so that they can firmly exist.

Being a businessman in the education sector, I find the educational practices and economic developments to be of utmost importance for the advancement of countries. Thus, in order to contribute to the development of the country, we founded Okan University, creating a top-down campus with modern buildings, aiming to create a centre for education. We always keep in mind not only the needs of today but also those of tomorrow while establishing our departments and developing related academic programs. Initially our journey of education had begun with 85 students and in time it reached to 20.000 students within a period of 15 years. This might be a clear indication of how Okan University has not only been offering a qualified education at the tertiary level but also preparing its students for their future lives in the best possible way.

You, students, are the future of this country. You are to be our pride in the future. In order to prepare our students for their academic and professional careers in an efficient way, as Okan University we have formed a well-qualified and experienced body of academic staff. As a means of communication, learning a foreign language is more than ever crucial in our global day and age. Speaking a second or even more languages is indeed an asset for a good professional career in business life. Needless to say, it plays a key role in opening doors to the commercial, cultural and social relations among communities and across countries. Okan University provides its students with high skills of foreign languages, not only English but also the languages of now prominent actors of world economy and politics, such as China, Russia and the Arab world. With the newly established faculties of Medicine and Dentistry and their new buildings, our modern campus has been expanded considerably. The Okan Life Center continues to provide its services via its sports center, Olympic pool, fitness and squash units, and also its cafes, restaurants, cinemas, billiard halls and shopping center.

We will keep pursuing our goal to create a respectable and top-rank campus. In short, we are taking firm steps towards becoming a global university, distinct in many ways.

I sincerely wish success to all of you in your academic as well as personal lives.

Kindest regards,

Bekir Okan
Chairman of the Board of Trustees



Prof. Şule KUT

RECTOR

Dear Students,

Okan University, taking pride in its 20.000 active students in its 15th year, is a university equally proud of its 12.000 graduates. Thanks to its close relations with the business world, its expert academic staff, campuses offering ample means and its modern education philosophy, our graduate can compete with their contemporaries all over the world. Today our university is a huge education base with 8 faculties, 2 schools, 2 vocational schools and 3 graduate institutes offering over 160 diploma programs. Okan University Tuzla Campus was designed as a perfect education environment and a life space for our students. Students can engage here in different kinds of social and cultural activities and they may take advantage of all technological opportunities available for use in the courses and in the activities outside the courses.

We not only equip our students with excellent academic qualities and provide occupational education, but we also offer a rich socio-cultural space and a close contact with the business world during their university education. While our Career Center together with Dean of Students prepare students for graduation with courses and programs such as “Career and Life”, “Happy Life” and “Entrepreneurship” within the scope of “Business Life Program”, our comprehensive internship program enhances that this process is put into practice with the experience gained in Turkey’s most significant companies.

Through our strong connections in the international arena we ascertain that our students also receive good education abroad. In Okan International University, our students can study English in Miami, USA. International Student Exchange Network (ISEP), of which Okan University is the first member from Turkey, enables our students to choose a university among over 350 universities in 50 countries and to study there free of charge. Our university adding new education steps to the right ones it has made since the year 1999 when it was founded, continues its efforts in order to make it easy for its graduates to reach their career goals in the fastest way possible. I wish you a healthy, successful, and happy university life which will play a significant role in the shaping of your future.

Best regards,

Prof. Şule Kut
Rector

rektor@okan.edu.tr

BOARD OF TRUSTEES

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VISION-MISSION

OUR VISION

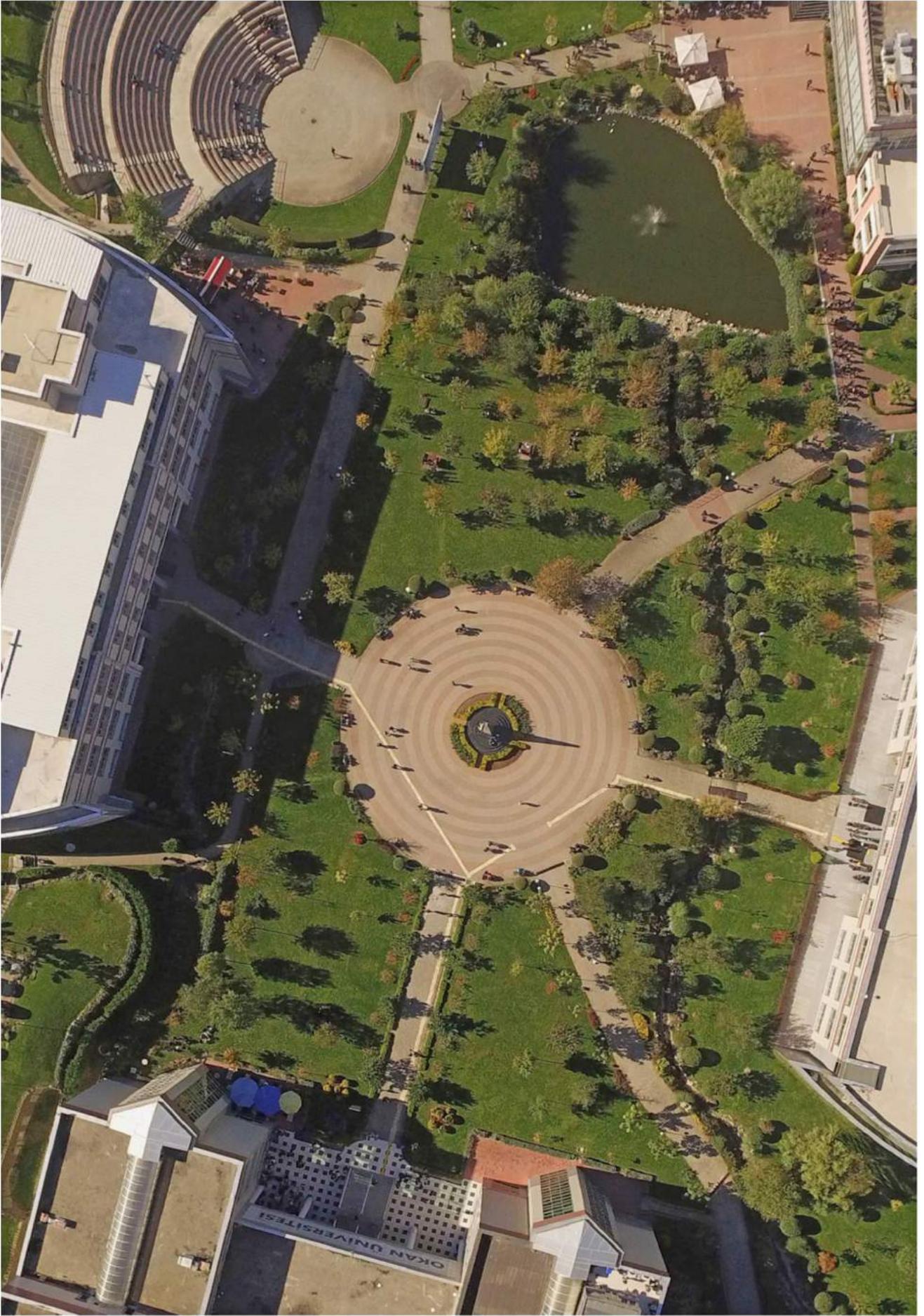
Our vision is to become a world-class university which contributes to the betterment of society by providing education of the highest standards and thereby preparing our students for professional life, ensuring that they are open to domestic and foreign competition, and instilling them with social responsibility and environmental consciousness.

MISSION and OBJECTIVES

True to its motto, “The University Closest to Business Life,” Okan University effectively combines theory and practice by employing academic staff who are experts in their own fields, by adopting a contemporary approach to education, and focusing upon practice-oriented studies which prepare students for business life, starting from students’ very first year of study.

Okan University aims;

- To educate students to think in an analytical, interdisciplinary way, and to endow them with an entrepreneurial spirit.
- To invest in and support innovative scientists and scholars who are able to successfully integrate education and training and thus help our students to become exceptional graduates in their respective fields.
- To concentrate on educational and research activities directed at meeting the needs of society by making social responsibility and environmental consciousness our priority.
- To transfer knowledge and information into technology and social benefit.



ABOUT US

Okan University, one of the youngest and the most dynamic universities of Turkey, was founded by Okan Culture, Education, and Sports Foundation in 1999 and began its academic life in 2003-2004 academic year. Okan University is a non-profit organization conducting education and research, controlled by appointed Board of Trustees. Since 2006, the rapidly growing university is located in its new and modern Tuzla campus. Now, it reached 95 undergraduate, 35 master, and 10 Ph. D. programs under eight faculties, two schools, two vocational schools and three graduate schools. Total number of Okan students has reached 20.000 in the 2015-2016 Academic Year.

True to its motto, “The University Closest to Business Life,” Okan University effectively combines theory and practice by employing academic staff who are experts in their own fields, adopting a contemporary approach to education, and focusing upon practice-oriented studies which prepare the students for business life, starting from students’ very first year of study.

Okan University attaches great importance to effective cooperation in Turkey and abroad with prominent business institutions, NGOs, local and central bodies, and other universities. Okan University aims to build a bridge between the academic and the business worlds. To this end, the university enables students to work at firms as part of its Preparing for Business Life Program, starting from their freshman year. This program not only helps students to become familiar with business life and improve their knowledge and skills by putting theory into practice, but serves to motivate the students as well. Students who have successfully completed the Preparing for Business Life Program are presented with a participation certificate as well as other work experience certifications added to their diplomas when they graduate.

Featuring the finest in contemporary architecture, Tuzla Campus has all the features a modern university campus. Tuzla Campus, close to the Sabiha Gökçen Airport in İstanbul, is equipped with everything necessary to ensure that students are able to receive the most effective education possible. Our facilities include modern classrooms, computer and technical labs, a library, conference halls, a fitness center, a swimming pool, gymnasiums, cafeterias, and restaurants.

2015 - 2016 ACADEMIC CALENDAR

Fall Semester

14 September 2015- 18 December 2015

24 August-11 September 2015

Course registration (Fall)

14 September 2015

Classes begin

14 - 15 - 16 September 2015

Academic Year Opening Ceremonies

Orientation Days

21 September - 02 October 2015

Add/drop period

24 - 27 September 2015

Holiday

29 October 2015

Holiday

30 October 2015

Last day for deferral applications

18 December 2015

Classes end

25 December 2015

End of classes (Foreign Languages Preparatory School)

28 December 2015-09 January 2016

Final exam period

28 December 2015 - 11 January 2016

Grade reporting period

28 December 2015

End of classes (Faculty of Dentistry)

30 December 2015

Mid-year language proficiency test

31 December 2015

End of classes (Faculty of Medicine)

31 December 2015 - 25 January 2016

Semester break

01 January 2016

New Year

04 - 09 January 2016	Final exam period (Faculty of Dentistry)
04 - 22 January 2016	Course registration (Graduate Programs)
08 January 2016	Last day for transfer applications (Vocational Schools)
11 - 25 January 2016	Semester break (Faculty of Dentistry)
11 January - 01 February 2016	Semester break
12 -15 January 2016	Double major/Minor applications
12 – 15 January 2016	Transfer applications
18 - 23 January 2016	Make-up exam period
18 - 25 January 2016	Make- up exam grade reporting period
25 - 30 January 2016	Course registration (Spring)
Spring Semester	1 February – 06 May 2016
01 February 2016	Classes begin
08 - 12 February 2016	Add/drop period
18 March 2016	Last day for deferral applications
04 -05 May 2016	Spring Festival
06 May 2016	End of classes
09 – 21 May 2016	Final exam period
09 - 23 May 2016	Grade reporting period

20 May 2016	End of classes (Foreign Languages Preparatory School)
09 May - 16 June 2016	Course registration (Graduate School)
13 May 2016	End of classes (Faculty of Dentistry)
16-23 May 2016	Final exams (Faculty of Dentistry)
24 May 2016	End of year language proficiency test
27 May 2016	End of classes (Faculty of Medicine)
28 - 29 May 2016	Commencement
06 - 10 June 2016	Make-up exam period (Faculty of Dentistry)
30 May- 04 June 2016	Make-up exam period
30 May- 06 June 2016	Make-up exam grade reporting period
08 - 14 June 2016	Course registration (Summer School)
14 June 2016	Theoretical exams for Faculty of Medicine
20 June- 12 August 2016	Summer School
15 August 2016	Last day to report course grades for Summer School
15 - 19 August 2016	Final Exams (Graduate School)
15 - 26 August 2016	Grade reporting period (Graduate School)
05 September 2016	Make-up exams for theoretical exams (Faculty of Medicine)

ADMISSION REQUIREMENTS

A. Undergraduate Programs:

Okan University complies with the admission process governed by the Turkish Higher Education Council (THEC). The placement for undergraduate degree programs for Turkish citizens is centrally made according to their test scores obtained in the University Entrance Examinations which are conducted by the Center for Testing, Selection and Placement (OSYM). Thus, every student should present their Central Higher Education Placement Exam (ÖSYM) result and comply with the regulations set forth by the Turkish Higher Education Council. For some study fields ability-to-benefit students are admitted on the basis of Special Ability/Talent Exam, in compliance with the regulations established by the Turkish Higher Education Council.

B. Graduate School Programs:

As of 2015-2016 Academic Year, Okan University offers a total of 41 graduate (31 Master's and 10 PhD) programs under three Graduate Schools. The minimum admission Requirements for Graduate Programs are determined by the Turkish Higher Education Council according to the Higher Education Law no. 2547. In addition to the application documents and minimum common admission requirements, most programs may conduct a written exam and/or interview in order to decide for the eligibility of the candidate for the program.

Please refer to the University website www.okan.edu.tr for the most current information about the Graduate Programs.

Documents to be presented for admission:

I) Master's Degree

- Official undergraduate diploma
- Official undergraduate transcript of records
- ALES (Academic Graduate Education Exam) score (min.55) for programs with thesis
- GRE/GMAT score, if available
- English Language Proficiency score (TOEFL iBT- min.72)
- Application Form
- Valid ID document (official ID or passport)
- 3 photographs

II) PhD

- Official undergraduate diploma
- Official Master's Degree diploma
- Official undergraduate transcript of records
- Official Master's Degree transcript of records
- ALES (Academic Graduate Education Exam) score (min.70)
- GRE/GMAT score, if available
- English Language Proficiency score (TOEFL iBT- min.72) – Required scores might vary according to different programs
- CV
- Two reference letters

- Application Form
- Valid ID document (official ID or passport)
- 3 photographs

C. International Student Admissions

International students should file their applications directly to the International Office at Okan University. The applications will be processed by the International Office and admission notice will be sent after the approval of the faculties for undergraduate candidates and of the graduate schools for graduate program candidates.

International students applying for an undergraduate program at Okan University must submit a national or international examination result. Detailed and up-to-date information regarding the list of examinations and the minimum scores accepted, and the list of documents required can be found on <http://international.okan.edu.tr/undergraduate-students-1/>

Language Requirements:

All undergraduate students have to prove their proficiency in English before they can start the first year of their academic program. International students who are unable to submit the required English language test scores during their application can take the Okan University English Proficiency Test upon arrival. Students who fail the test will attend Okan University Intensive English Program for one year. This year is not included in the total number of years required for graduation.

Test scores for English proficiency:

- o TOEFL iBT (Test of English as a Foreign Language / Internet-based) 72
- o CAE (Cambridge Certificate in Advanced English) C, CPE (Cambridge Certificate of Proficiency in English) C
- o Pearson PTE Academic (Pearson Test of English) 55
- o Okan University Proficiency Test 60/100 Students accepted to an academic program taught in Turkish (except for those whose native tongue is Turkish) have to prove their proficiency in Turkish before they can start the first year of their academic program. Students can take the TOMER test upon arrival. Students, who fail the TOMER test, can take intensive Turkish classes at TOMER or at Okan University for a year.

Test score for Turkish proficiency: TOMER A or B level

Application Documents

- o Completed Application Form. Online Application
- o Certified copy of one national or international Examination Result*
- o Certified copy of Secondary School Diploma*
- o Official Transcript of Secondary Education Institution*
- o Certified copy of the English language test, if available
- o Copy of the passport
- o 2 passport size photos

*The documents in languages other than English or Turkish must be translated and certified at the Turkish Consulate in the home country.

A student applying for the following academic programs should send a portfolio of his/her work along with the application documents (Fashion Design, Industrial Design, Interior Design, Photography, Plastic Arts, and Visual Communication Design)

GENERAL EDUCATION

Humanities and Fine Arts

EGT421 Türk Eğitim Sistemi ve Okul Yönetimi (Turkish Educational System and School Administration) (2 credits) The aim of this course is to gain skills and attitudes regarding Turkish education system of the overall structure, to gain information about the school management and prepare for teaching occupation. This course aims; to analyze Ministry organizational structure, the aim of the Turkish education system within the Ministry of Education regulations, principles and general structure, legal arrangements related to education, organization and management structure, personnel training in school management, business administration, education, and jobs related to the student, school community relations, management, and therefore related to school management leadership theories will be discussed . *(This course is given in Turkish.)*

EGT422 Türk Eğitim Sistemi ve Okul Yönetimi (Turkish Education System And School Management) (2 credits) The aim of this course is to gain skills and attitudes regarding Turkish education system of the overall structure, to gain information about the school management and prepare for teaching occupation. This course aims; to analyze Ministry organizational structure, the aim of the Turkish education system within the Ministry of Education regulations, principles and general structure, legal arrangements related to education, organization and management structure, personnel training in school management, business administration, education, and jobs related to the student, school community relations, management, and therefore related to school management leadership theories will be discuss *(This course is given in Turkish.)*

GIT325 20. ve 21. Yy SanatI (20th and 21st Century Art I) (3 credits) The goal of this class is to familiarize students with the contemporary artworks from the 20th and 21st century and teach them how to conduct a critical analysis on their conceptuality, aesthetic medium and their relevance to the history of art, in order to help them acquire methods of creating and realizing their future artworks. *(This course is given in Turkish.)*

GIT326 20. ve 21. Yy II (20th and 21st Century Art II) (3 credits) The goal of this class is to familiarize students with the contemporary artworks from the 20th and 21st century and teach them how to conduct a critical analysis on their conceptuality, aesthetic medium and their relevance to the history of art, in order to help them acquire methods of creating and realizing their future artworks. *(This course is given in Turkish.)*

STY327 Klasik Müzik Tarihi (Classical Music History) (3 credits) This course is designed to acquaint students with the elements of music and the primary musical movements of classical music. Students will have a brief overview of the major musicians and their music through class lectures, listening to musical examples in class and actively engaging in class discussions. *(This course is given in Turkish.)*

STY330 Jaz Tarihi (Jazz History) (3 credits) This course is designed to acquaint students with the elements of music and the primary musical styles of jazz music. Students will have a brief overview of the major musicians and their music through class lectures, listening to musical examples in class and actively engaging in class discussions. *(This course is given in Turkish.)*

UYG107 Uygarlık Tarihi (history of civilization) (2 credits) This course introduces Sumerian, Egyptian, Chinese, Hindu, Greek, Middle Eastern and Early Christian cultures to students and proceeds with the Classical Greece, European Renaissance, European Enlightenment, Industrial Revolution, colonial expansion, Orientalism, and Ottoman modernization. Developments in the arts, literature,

philosophy, science and religion in ancient history are examined through key texts produced in that era.
(*This course is given in Turkish*)

GER111 Temel AlmancaI (Basic GermanI) (3 credits) The purpose of this course is to teach German to a level of A1-1 on CEFR scale, which provides the learner with the command of the additional language to satisfy basic communicative skills.

GER112 Temel AlmancaII (Basic GermanII) (3 credits) The purpose of this course is to teach German to a level of A1-1 on CEFR scale, which provides the learner with the command of the additional language to satisfy basic communicative skills. *Prerequisite: GER 111*

GER211 Almanca Okuma ve KonuşmaI (Reading and Speaking in GermanI) (3 credits) The purpose of this course is to teach German to a level of A1-2 on CEFR scale, which provides the learner with the command of the additional language to satisfy basic communicative skills. *Prerequisite: GER 112*

GER212 Almanca Okuma ve KonuşmaII (Reading and Speaking in GermanII) (3 credits) The purpose of this course is to teach German to a level of A1-2 on CEFR scale, which provides the learner with the command of the additional language to satisfy basic communicative skills. *Prerequisite: GER 211*

RUS111,RUS112 RusçaI (RussianI) (3 credits) Common European Framework for Languages" of the A1 / 1 level by transferring the required level of knowledge of Russian students with the basic knowledge to meet Russian requirements.a.students are expected to be able to introduce themselves and others.b.daily to communicate on a basic level of life are expected to have oral and written language acquisition.

RUS211,RUS212 RusçaII (RussianII) (3 credits) Common European Framework for Languages" of the A1 / 1 level by transferring the required level of knowledge of Russian students with the basic knowledge to meet Russian requirements.a.students are expected to be able to introduce themselves and others.b.daily to communicate on a basic level of life are expected to have oral and written language acquisition. *Prerequisite: RUS 111,RUS 112*

CHN111 ÇinceI (ChineseI) (3 credits) The purpose of this course is to teach Chinese to a level of A1-1 on CEFR scale, which provides the learner with the command of the additional language to satisfy basic communicative skills.

CHN112 ÇinceII (ChineseII) (3 credits) The purpose of this course is to teach Chinese to a level of A1-1 on CEFR scale, which provides the learner with the command of the additional language to satisfy basic communicative skills. *Prerequisite: CHN 111*

CHN211 ÇinceIII (ChineseIII) (3 credits) The purpose of this course is to teach Chinese to a level of A2-1 on CEFR scale, which provides the learner with the command of the additional language to satisfy basic communicative skills. *Prerequisite: CHN 112*

CHN212 ÇinceIV (ChineseIV) (3 credits) The purpose of this course is to teach Chinese to a level of A2 on CEFR scale, which provides the learner with the command of the additional language to satisfy basic communicative skills. *Prerequisite: CHN 211*

ARB105 Elective Arabic (Seçmeli Arapça) (3 credits) The purpose of this course is to teach Modern Standard Arabic and builds on the vocabulary and grammar taught at previous levels. This course is for students who have successfully completed Arabic level 2 In addition, students' communication skills will be developed, both orally and in writing; students should be able to speak and write with a good degree of accuracy on a variety of subject areas.

ARB106 Seçmeli Arapça (Elective Arabic) (3 credits) The purpose of this course is to teach Modern Standard Arabic and builds on the vocabulary and grammar taught at previous levels. This course is for students who have successfully completed Arabic level 2 In addition, students' communication skills will be developed, both orally and in writing; students should be able to speak and write with a good degree of accuracy on a variety of subject areas.

ARB111 Seçmeli Arapça (Elective Arabic) (3 credits) This course aims to give students with no previous Arabic a basic knowledge of the language. By the end of the course, Students are given induction in all skills –reading, writing, listening and speaking- and grammar and vocabulary in an integrated way. Students should have reached approximately A1 standard

ARB205 Seçmeli Arapça (Elective Arabic) (3 credits) The purpose of this course is to teach Modern Standard Arabic and builds on the vocabulary and grammar taught at previous levels. This course is for students who have successfully completed Arabic level 2 In addition, students' communication skills will be developed, both orally and in writing; students should be able to speak and write with a good degree of accuracy on a variety of subject areas.

ARB206) Seçmeli Arapça (Elective Arabic (3 credits) The purpose of this course is to teach Modern Standard Arabic and builds on the vocabulary and grammar taught at previous levels. This course is for students who have successfully completed Arabic level 2 In addition, students' communication skills will be developed, both orally and in writing; students should be able to speak and write with a good degree of accuracy on a variety of subject areas.

ARB211 Seçmeli Arapça (Elective Arabic) (3 credits) The purpose of this course is to teach Modern Standard Arabic and builds on the vocabulary and grammar taught at previous levels. This course is for students who have successfully completed Arabic level 2 In addition, students' communication skills will be developed, both orally and in writing; students should be able to speak and write with a good degree of accuracy on a variety of subject areas.

ARB212 Seçmeli Arapça (Elective Arabic) (3 credits) The Arabic Prep Program is designed to teach Modern Standard Arabic and builds on the vocabulary and grammar taught at previous levels. This course is for students who have successfully completed Arabic level 3 In addition, students' communication skills will be developed, range of vocabulary and complex sentence structures both orally and in writing; students should be able to speak and write with a good degree of accuracy on a variety of subject areas.

ARB301 Seçmeli Arapça (Elective Arabic)(3 credits) The purpose of this course is to teach Modern Standard Arabic and builds on the vocabulary and grammar taught at previous levels. This course is for students who have successfully completed Arabic level 2 In addition, students' communication skills will be developed, both orally and in writing; students should be able to speak and write with a good degree of accuracy on a variety of subject areas.

ARB302 Seçmeli Arapça (Elective Arabic) (3 credits) The purpose of this course is to teach Modern Standard Arabic and builds on the vocabulary and grammar taught at previous levels. This course is for students who have successfully completed Arabic level 2 In addition, students' communication skills will be developed, both orally and in writing; students should be able to speak and write with a good degree of accuracy on a variety of subject areas.

ARB401 Elective Arabic (Seçmeli Arapça) (3 credits) The purpose of this course is to teach Modern Standard Arabic and builds on the vocabulary and grammar taught at previous levels. This course is for students who have successfully completed Arabic level 2 In addition, students' communication skills will be developed, both orally and in writing; students should be able to speak and write with a good degree of accuracy on a variety of subject areas.

ARB402 Seçmeli Arapça (Elective Arabic)(3 credits) The purpose of this course is to teach Modern Standard Arabic and builds on the vocabulary and grammar taught at previous levels. This course is for

students who have successfully completed Arabic level 2 In addition, students' communication skills will be developed, both orally and in writing; students should be able to speak and write with a good degree of accuracy on a variety of subject areas.

MUT355 Çevirmenler ve Editörler için Osmanlıca I (Ottoman Turkish for Translators & Editors I) (3 credits) This course is designed for the students who want to learn Ottoman Turkish. The course concentrates the general aspects of the Arabic alphabet used in Ottoman Turkish, Turkish suffixes and word formation, script and handwriting. The course also offers practical sessions on reading simple Ottoman Turkish texts. *(This course is given in Turkish)*

MUT356 Çevirmenler ve Editörler için Osmanlıca II (Ottoman Turkish for Translators & Editors II (3 credits) This course is designed for the students who want to further learn Ottoman Turkish as a follow-up course of MUT355. The course concentrates essentially Arabic and Persian elements and their grammatical aspects in Ottoman Turkish. The course also offers practical sessions on reading Ottoman Turkish texts that include Arabic and Persian elements. *(This course is given in Turkish)*

SOS409 Toplum ve Edebiyat (Society and Literature) (3 credits) This course is about sociology that is conducted about literature. The course covers issues such as; the history and topic of society of literature, the relation between life and society, reflection of societal and cultural structure on literary works, the relation of society and novelist. Over literary texts, sociological analyses are made. Through a focus on different strands of literary critiques and social theories such as Marxism, Feminism, Post-colonialism, Poststructuralism and Realism, the relationship between society and literary works are to be analyzed. *(This course is given in Turkish)*

SOS415 Toplum ve Din(Society and religion) (3 credits) The purpose of this course is to analyze and discuss the social and cultural diversity of religious discourses and practices comparatively in time and space, and by focusing on the particularity of historical and social contexts. Besides, it aims to clarify confusions related to the popular polemics on religion by applying a wider analytical and critical sociological approach. Also, thoughts and ideas of leading scholars in social sciences and humanities on religion will be discussed. *(This course is given in Turkish)*

SOS418 Din ,Kültür ve Toplum (Religion, Culture and Society) (3 credits) The course delves into the comparative and critical analysis of religion as a socio-cultural phenomenon. It aims to discuss the enormous diversity in religious ideas (belief systems) and behaviors (ritual practices) among the human societies and cultures, focusing mainly on the particularities of social/historical context and on differences in time and space.

LAW253 Demokratik Teori (Democracy Theory) (3 credits) This course targets to teach the source of democracy in ancient times and its implementation. Discussing the theories concerning the Democracy developed and expressed in the Western World during the last five hundred years. It would also possible to say, that we will consider the practice of Democracy in the Modern World. As a conclusion, it would be better to state that we aim to develop the comprehension of democratic philosophy in the minds of the student.

SGSA113 Güzel Sanatlar-Sağlık ve Mimarlık (Fine Arts- Health and Architecture) (3 credits) The aim of this course is to provide basic knowledge for architecting as an art and it also aims to demonstrate a basic knowledge for students the critical aspects of old and new art concepts. *(This course is given in Turkish)*

SGSA103 Güzel Sanatlar-Tıp Fotoğrafçılığı (Fine Arts-Medical Photography) (3 credits) This course aims to provide basic knowledge for photographing process from the art aspect and it also aims to demonstrate basic educational techniques in order to be a medical photographer*(This course is given in Turkish)*

SGSA107 Güzel Sanatlar-Sağlık ve Tiyatro (Fine Arts- Health and Theater (3 credits) This course aims to define the relationship between health concepts and theater as a type of art and to demonstrate the assessment process of health concepts from the aspect of theatre as a type of art . (*This course is given in Turkish*)

SGSA105 Güzel Sanatlar-Tıp Ressamlığı (Fine Arts-Medical Painting) (3 credits) This course aims to provide a basic education with basic terms that related to medical painting and it also define the basic qualifications of medical painter(*This course is given in Turkish*)

SGSA109 Güzel Sanatlar-Sağlık Kültürü (Fine Arts- Health Culture (3 credits) The aim of this course is to demonstrate basic knowledge about the health behavior that can be seen throughout human history and the developmental process of health concepts as a cultural procedure(*This course is given in Turkish*)

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) The aim of this course is to provide basic knowledge about art, history of art, the place of art in public and the importance of art from the aspect of health practitioners. Moreover, it also aims to help student to understand art from the aspect of medicine and health sciences

SGSA115 Sağlık ve Sinema (Fine Arts- Health and Cinema) (3 credits) This course aims to define the evolution of cinema as an art and its first touch for health concepts from the aspect of cinema as an art. Moreover, it also aims to provide basic knowledge for a considerable amount of disease and their prognosis process by demonstrating health dramas. (*This course is given in Turkish*)

ATA101 or ATA111 Atatürk İlkeleri ve İnkılap Tarihi (History of Turkish Revolution I) (2 credits) The purpose of this course is to enable the students to acquire a basic historical knowledge about the Turkish Independence War that has led to the foundation of modern Turkey in 1923.

ATA102 or ATA112 Atatürk İlkeleri ve İnkılap Tarihi (History of Turkish Revolution II) (2 credits) The purpose of this course is to study the basic principles of Turkish Republic based on political, legal, social and economic reforms guided by Atatürk, the founder of the Republic of Turkey with a view to establish an independent and modern nation state.

Math and Sciences

FIZ113 or PHYS113 Fizik I (Physics 1) (3 credits) This is the first semester of a two-semester sequence of introductory physics for students with any major. This course uses an algebra-based mathematical representation. Topics include vectors, kinematics, Newton's laws of motion, work and energy, conservation of energy, linear momentum and its conservation, rotation of rigid bodies about a fixed axis and rotational kinetic energy

FIZ114 or PHYS114 FizikII(PhysicsII) (3 credits) This is the second semester of a two-semester sequence of introductory physics for students with any major. This course uses an algebra-based mathematical representation. Topics include electricity, magnetism and electric circuits.

ISL111 or BUS111 MatematikI (MathematicsI) (3 credits) The purpose of this course is to provide a mathematical foundation to be used in economics, business and related areas. The course is designed for two semesters, and will continue with its second module in the following semester. This first module, i.e. Mathematics I is prerequisite for Mathematics II. Course content consists of basic concepts (sets, numbers), equalities and inequalities, applications of equality systems, graphs, concepts of function, exponential and logarithmic functions, limits and continuity.

ISL112 or BUS 112 MatematikII (MathematicsII) (3 credits) The purpose of this course is to provide a mathematical foundation to be used in economics, business and related areas. Mathematics is organised for two semesters, and the first module, i.e. Mathematics I is a prerequisite for Mathematics II. Course consists of limits and continuity, differentiation, integration, matrix algebra, and related topics. *Prerequisite: BUS111 .ISL111*

MAT113 or MATH 113 MatematikI (MathematicsI)(4 credits) This course will investigate limits, rules of limits, continuity, derivatives, differentiation rules, chain rule, implicit differentiation, maximum-minimum problems, curve sketching, applied optimization problems, integration, Riemann sums, definite integrals, area between curves, volumes of revolution, transcendental functions.

MAT114 or MATH114 MatematikII (Mathematics II) (4 credits) This course will investigate techniques of Integration, improper integrals, infinite sequences and series, convergence tests, power series, radius of convergence and interval of convergence, term-by-term differentiation and integration of power series, vectors in 3-space, dot product and cross product of vectors, equations of lines and planes in space, quadratic surfaces, functions of several variables and their limits, continuity and partial derivatives, chain rule, directional derivatives, tangent planes and normal lines, local and absolute extrema, Lagrange multipliers, double and triple integrals, polar coordinates, change of variables, cylindrical and spherical coordinates, line integrals and surface integrals, Green, Stoke's and Gauss theorems. *Prerequisite: MATH113, MAT113*

MAT115 or MATH 115 Temel Matematik (Basic Mathematics) (4 credits) Functions and their graphs, limits and continuity, differentiation rules and implicit differentiation, applications of derivatives, extreme values of functions, concavity and curve sketching, applied optimization, integration, integration techniques, area between curves, volumes and arc length, geometry of space, definition and properties of the matrices, solving systems of equations.

MAT215 or MATH215 MatematikIII (Mathematics III) (3 credits) This course will investigate systems of linear equations and their solutions, the operations of the matrix and vector algebra, evaluations of the determinants and inverse matrix, properties of determinants, Cramer's Rule, vector spaces, subspaces, linear independence, basis, row space, column space, null space, rank, linear transformations, eigenvalues and eigenvectors, diagonalization, inner product spaces, orthogonality, Gram-Schmidt process, least squares, orthogonal diagonalization and singular value decomposition. *Prerequisite: MATH113, MAT113*

MAT216 or MATH216 MatematikIV (MathematicsIV) (3 credits) This course will investigate classification of differential equations, first order differential equations: solution of separable, linear and exact differential equations, substitution methods and order reduction, higher order differential equations: linear, homogeneous equations with constant coefficients, nonhomogeneous equations, method of undetermined coefficients, method of variation of parameters, Laplace transform solution of initial value problems, linear systems of differential equations: homogeneous differential equations in \mathbb{R}^2 , homogeneous differential equations in \mathbb{R}^3 , matrix exponential and fundamental matrix solution, solution of systems of nonhomogeneous equations, Laplace transform methods, power series method: series solution near ordinary points, regular singular points, method of Frobenius. *Prerequisite: MATH113*

MAT265 or MATH265 Olasılık ve İstatistik (Probability and StaticsI) (3 credits) Combinatorial methods; product rule, permutation, combination. Probability; sigma algebra, probability axioms, conditional probability, Bayes formula. Random variable; distribution function, probability function, Chebyshev inequality. Discrete and continuous distributions; uniform, Bernoulli, Poisson, geometric, hypergeometric, normal, exponential, gamma and beta distributions. Generating functions. Decision theory. The notion of estimation. Hypothesis testing. Non-parametric testing. Correlation and regression.

MAT266 or MATH266 (Olasılık ve İstatistikII) (Probability and StaticsII) (3 credits) The relationship among Normal, Binomial, Poisson, Multinomial, Hypergeometric etc Distributions, Population and Sample, Statistical Inference, Population Parameters, Sample Statistics, Sampling Distribution of Means, Sampling Distribution of Proportions, Sampling Distribution of Variances, Frequency Distributions, Statistical Decisions, Statistical Hypotheses, Test of Hypotheses and Significance, Type I and Type II Errors, One Tailed and Two Tailed Tests, Special Test of Significance for Large Samples. *Prerequisite:MATH265*

KIM101 or CHM101Kimya (Chemistry) (2 credits) The course is concerned with the systematic treatment of fundamental chemical and physical principles and their applications to the properties and transformations to the materials including the concept of energy, its uses, gas laws, kinetics molecular theory, laws of chemical combination, atomic and molecular structure and periodic classification of the elements. It also highlights chemical equilibrium, acid-base classifications and electrochemistry.

Social and Behavioral Sciences

İÇM403 Boş Zaman Mekan Deneyimleri (Leisure Spaces & Practices) (2 credits) This course discusses the relationship between urban people and their leisure experiences by giving emphasis to the conceptual framework of recreation and leisure within the urban realm. *(This course is given in Turkish.)*

LOJ311 or LOG311 İnsani Yardım Lojistiği (Humanitarian Logistics) (3 credits) The purpose of this course is to provide the concept and the importance of disaster & humanitarian Logistics, the differences between commercial logistics and disaster & humanitarian Logistics, the complexity in a disaster & humanitarian Logistics and the problems and solving methods of the complexity, collaboration in disaster & humanitarian Logistics, processes of planning and operations, performance management in disaster & humanitarian logistics

PSI101 Psikoloji (Psychology) (3 credits) The aim of this course is to teach the main theories and concepts of psychology, the process information, the biological basis of behavior, and the concept of life-long development*(This course is given in Turkish)*

PSI263 Sosyal Psikoloji (Social Psychology) (3 credits) This course offers a broad introduction to social psychology, the scientific study of human social influence and interaction. Topics covered include social cognition, social perception, attitudes and attitude change, conformity, group processes, prosocial behaviour, aggression and prejudice. Additionally, social psychological research and theories in Turkey are reviewed, and students are encouraged to evaluate and explore critically the limits of Western theories of social psychology. *(This course is given in Turkish)*

CGL118 Davranış Bilimleri (Behavioral Sciences) (3 credits) The aim of this course is to provide general information about basic psychology terms. Moreover, it also aims to define the subtypes of psychology and their components as health psychology, behavioural psychology, developmental psychology, cognitive and experimental psychology. *(This course is given in Turkish)*

UI101 or IR101Siyaset Bilimine Giriş (Introduction to Political Science) (3 credits) The purpose of this course is to introduce the students to the fundamental concepts and topics of political science with the aim of making them literate in political science in particular and social sciences in general. The course is composed of two parts: the first part introduces the main concepts of political science and the second part talks about the political systems and actors in politics.

UI305 or IR305 Uluslararası Örgütler (International Organizations) (3 credits) The purpose of the course is to explain the fundamental aims of international organizations and how they were organized in order to realize their aims. In this context, global, regional and thematic organizations will be examined; the similarities and differences will be discussed

UI306 or IR306 Dünya Politikasında Güncel Sorunlar (Contemporary Issues in World Politics) (3 credits) The purpose of this course is to concentrate on contemporary world issues. After a brief historical introduction to the state system, the course will introduce the theoretical framework through which contemporary issues will be analyzed. Starting with the debates on globalization, the main issues that the course will focus on are state and power, the international system, the role of non-state actors in world politics, international and regional organizations, social movements, global economy, information revolution, terrorism, Islamophobia, and changing state boundaries.

PSI105 Davranış Bilimleri (Behavioral Sciences) (3 credits) The purpose of this course is to provide an overview of psychological mechanisms characterizing human behavior with emphasis on individual differences and social functioning. *(This course is given in Turkish)*

SOS212 Zaman ve Mekân Sosyolojisi (Sociology of time and space) (3 credits) Students will gain a sociological understanding of space and time: how temporal and spatial formations have an impact on social life; how they change; and how they are connected to social, economic and cultural structures. The course will critically unearth the synchrony between individual conducts and the construction of spatiality and temporality, along with discrepancies in that synchrony. There will be analytical readings of a number of places such as ‘hamam’s, fountains, coffee shops, sweet shops, eating houses, grill houses, public vehicles, pubs and discos in the light of the course material. *(This course is given in Turkish)*

SOS308 Toplum ve Cinsiyet (Society and Gender)3 credits) The construction of gender and sexual identities through body on historical, national and international levels; intra-family violence, violence towards woman, sex labor, global and local construction of gender and bodily problematics; the different positioning mechanisms (reciprocally with each other, against each other and despite each other) of women and men are examined in relation to concepts, such as honor, virginity and chastity, and are studied with reference to human (women, men, elder, disabled and children) rights. *(This course is given in Turkish)*

SOS309 Irk ve Etniklik(Race and Ethnicity) (3 credits) In this course concepts of “nation state” and “citizenship” and the unequal, gendered, colonial and national aspects of race and ethnicity” are studied. Issues of “us and the other”, social construction of national ethnic identities in specific historical and political contexts and the birth and the development of different nationalisms are main themes of the course. Concepts such as diasporas, denationalization are analyzed by case studies from World and from Turkey. *(This course is given in Turkish)*

SOS310 or SOS328 Toplum ve İstanbul Anlatıları (Society and Narratives of Istanbul) (3 credits) The aim of the course is to learn about a city that is at the intersection of two continents, where local meets global; analyze its place in world and understand its historical dynamics. Over Istanbul which is a European capital, students will tackle issues such as gentrification, mediatic and artistic city.

SOS320 Toplum ve Siyaset (Society and Politics) (3 credits) This course focuses on the relations and interactions between political structure and culture (i.e., lifestyle). It opens up the following questions into discussion: “What kinds of strategies do human communities develop to produce political order and what kinds of practices they apply for this purpose?”, “How does power, authority and legitimacy occur in different societies?” “Does what is political overlap with what is social, or are they different, but complementary areas in human groupings?”. *(This course is given in Turkish)*

SOS412 Toplum ve Beden (Society and Body) (3 credits) This course focuses on the processes whereby bodies, which are generally seen as natural and biologic, are socially and historically constructed. In this context body regimes, body politics and topics such as bio-power will be studied. Civilized body, gender, sexuality, health and beauty discourses which create regulatory regimes, control

and disciplining mechanisms as well as possibilities to resist them will be discussed. (*This course is given in Turkish*)

SOS414 Toplum ve Günlük Yaşam Pratikleri (Society and Everyday Life Practices) (3 credits)

This course analyzes daily life practices by examining places which are familiar to all, such as house, street, neighborhood. By reading theoretical works as well as case studies students will learn how societal processes influence the lives of students themselves. (*This course is given in Turkish*)

SOS416 Beden Sosyolojisi (Sociology of the Body) (3 credits)

This course focuses on the processes whereby bodies, which are generally seen as natural and biologic, are socially and historically constructed. In this context body regimes, body politics and topics such as bio-power will be studied. Civilized body, gender, sexuality, health and beauty discourses which create regulatory regimes, control and disciplining mechanisms as well as possibilities to resist them will be discussed. (*This course is given in Turkish*)

MHIT109 Davranış Bilimleri (Behavioral Sciences) (3 credits)

Learning of behavioural science theories: social impact, attitudes, persuasion, motivation, perception and management of stress and conflict by using all these theories. (*This course is given in Turkish*)

TRD101 or TRD111 Türk Dili (Turkish I) (2 credits)

The aim of this course is to study the features and grammar rules of Turkish language, to demonstrate writing and speaking abilities through samples, to improve students' understanding (reading and listening) and expression (oral and written expression) abilities, to provide familiarity with the Turkish literature as well as world literature and culture.

TRD102 or TRD112 Türk Dili (Turkish II) (2 credits)

The aim of this course is to continue to study the features and grammar rules of Turkish language, to demonstrate writing and speaking abilities through samples, to improve students' understanding (reading and listening) and expression (oral and written expression) abilities, to provide further familiarity with the Turkish literature as well as world literature and culture.

ENG111 İngilizce1 (EnglishI) (3 credits)

The purpose of this course is to enhance the reading, writing, speaking and listening skills of non-native English speakers. Emphasis is on pronunciation, stress, rhythm, and intonation patterns of American English. Oral and written communication, listening comprehension, and vocabulary development are stressed. Students build their skills through instruction and intensive practice.

ENG112 İngilizceII (EnglishII) (3 credits)

The purpose of this course is to demonstrate how English is used in real-life situations, thus enabling learners to use it in meaningful contexts. The course has been designed to build the learners' ability to communicate their ideas fluently, accurately and confidently.

ENG113 Akademik Okuma ve Yazma I (Academic Reading and Writing I) (3 credits))

The purpose of this course is to help students build competence in vocabulary and reading as they move toward writing skill development and completion of a writing assignment. In addition, students study the features and language of reading texts, and learn to apply them in their own writing.

ENG113.04 Diş Hekimliği için Akademik Okuma ve YazmaI (Academic Reading and Writing for DentistryI) (3 credits)

The purpose of this course is to help students build competence in vocabulary and reading as they move toward writing skill development and completion of a writing assignment. In addition, students study the features and language of reading texts, and learn to apply them in their own writing. Also introducing them to dentistry vocabulary terms.

ENG114 Akademik Okuma ve YazmaII (Academic Reading and WritingII) (3 credits)

The purpose of this course is to emphasize close reading and written analysis of a wide range of texts, A

three credits course in building basic reading, writing, and study skills needed to succeed in class. Through continual practice and engagement in the reading and writing processes, students gain fluency and self-confidence in their ability to comprehend and create simple texts. Reading like a writer and writing like a reader, students expand their vocabulary, identify main points, and locate supporting details in what they read and write. They produce paragraphs and short essays based on personal experiences and assigned readings. Students study sentence structure and address common grammar and usage problems in the context of their own reading and writing. Students will be encouraged to think about reading as a creative act in which they collaborate with an author to create an imagined world, and how reading creative work can enhance empathy. The format of the course will combine lecture, discussion and some writing exercises. *Prerequisite:ENG113*

ENG213 Akademik Dinleme ve KonuşmaI (Academic Listening and SpeakingI) (3 credits) A course designed to enhance the speaking and listening skills of non-native English speakers. Emphasis is on pronunciation, stress, rhythm, and intonation patterns of American English. Oral communication, listening comprehension, and vocabulary development are stressed. Students build their skills through instruction and intensive practice.

ENG213.05 Diş Hekimliği Fakültesi için Akademik Dinleme ve KonuşmaI (Academic Listening and SpeakingI) (for the Faculty of Dentistry) (3 credits) The purpose of this course is to enhance the speaking and listening skills of non-native English speakers. Emphasis is on pronunciation, stress, rhythm, and intonation patterns of American English. Oral communication, listening comprehension, and vocabulary development are stressed. Students build their skills through instruction and intensive practice

ENG213.06 (Tıp Fakültesi için Akademik Dinleme ve KonuşmaI (Academic Listening and SpeakingI) (for the Faculty of Medicine) (3 credits) The purpose of this course is to enhance the speaking and listening skills of non-native English speakers. Emphasis is on pronunciation, stress, rhythm, and intonation patterns of American English. Oral communication, listening comprehension, and vocabulary development are stressed. Students build their skills through instruction and intensive practice. *Prerequisite: ENG113,ENG114*

ENG214 Akademik Dinleme ve KonuşmaII (Academic Listening and SpeakingII) (3 credits) The purpose of this course is to improve students' listening and speaking skills. Students learn new vocabulary, expressions and ideas related to the topic of each unit. *Prerequisite: ENG 213*

ENG215 İş İletişimi için İngilizceI (English for Business CommunicationI) (3 credits) The purpose of this course is to emphasize close reading and written analysis of a wide range of texts, A three credits course in building basic reading, writing, and study skills needed to succeed in class. Through continual practice and engagement in the reading and writing processes, students gain fluency and self-confidence in their ability to comprehend and create simple texts. Reading like a writer and writing like a reader, students expand their vocabulary, identify main points, and locate supporting details in what they read and write. They produce paragraphs and short essays based on personal experiences and assigned readings. Students study sentence structure and address common grammar and usage problems in the context of their own reading and writing. Students will be encouraged to think about reading as a creative act in which they collaborate with an author to create an imagined world, and how reading creative work can enhance empathy. The format of the course will combine lecture, discussion and some writing exercises.

MING151 Temel İngilizceI (Basic EnglishI) (3 credits) The purpose of this course is to improve students' listening speaking, reading and writing skills. Students learn new vocabulary, expressions and ideas, some grammar points related to the topic of each unit.

MING152 Temel İngilizceI (Basic EnglishI) (3 credits) The purpose of this course is to improve students' listening speaking, reading and writing skills. Students learn new vocabulary, expressions and ideas, some grammar points related to the topic of each unit.

MING208 Havacılık öğrencisi için seçmeli İngilizce (Speaking Elective English for Aviation students) (3 credits) The purpose of this course is to improve students' listening and speaking skills. Students learn new vocabulary, expressions and ideas related to the topic of each unit.

MING210 Havacılık öğrencisi için orta düzey seçmeli İngilizce (Speaking Elective English for Aviation students intermediate level) (3 credits) The purpose of this course is to improve students' listening and speaking skills. Students learn new vocabulary, expressions and ideas related to the topic of each unit.

MCAC201 Seçmeli İngilizce Dil Becerileri I (Elective English Language SkillsI) (3 credits) The purpose of this course is to improve students' listening and speaking skills. Students learn new vocabulary, expressions and ideas related to the topic of each unit.

MCAC202 Seçmeli İngilizce Dil BecerileriII (Elective English Language SkillsII) (3 credits) The purpose of this course is to improve students' listening and speaking skills. Students learn new vocabulary, expressions and ideas related to the topic of each unit.

MSHK213 İngilizce Dil Becerileri I (English Language SkillsI) (3 credits) The purpose of this course is to improve students' listening, speaking and writing skills. Students learn new vocabulary, expressions and ideas related to the topic of each unit.

MSHK214 (İngilizce Dil BecerileriII (English Language SkillsII) (3 credits) This course will intended for intermediate level students. Its aim is to improve students' listening and speaking skills. Students learn new vocabulary, expressions and ideas related to the topic of each unit.

FNC102 Bankacılık ve Finansa Giriş (Introduction to Banking and Finance) (3 credits) The objective of this course provides an introduction to the principles of banking and finance. It covers a broad range of topics using an economic perspective, and aims to give a general background to any student interested in the subject of banking and finance.

FIN301or FNC301 FinansınTemelleri (Fundamentals of Corporate Finance)(3 credits) The objective of this course is to introduce the basics of corporate finance. The specifics of financial statements, ratio analysis and long-term planning will be followed by careful treatment of the time value of money concept. Given the minimum requirements for a thorough analysis of capital structure and capital budgeting, the next step is to make a clear distinction how a corporation finance and decide on its projected long-term investments. In this respect bond and stock markets are to be analyzed. Finally, the course concludes with a thorough analysis of capital budgeting methods.

FIN304 or FNC304 Para ve Banka(Money and Banking) (3 credits) This objective of this course is to introduce the basics of the money and the banking in a thorough economic sense. Defining the money in economists' perspective and determination of interest rates are among the vital parts of this lecture. The next step is to introduce the basics of banking. The evolution of bank management and recent changes will be emphasized in terms of credits and interest-rate risk management perspectives. Finally a thorough evaluation on financial innovation, regulation and risk management will be discussed in accordance with the impact of the recent financial crisis on the banking industry.

FIN402 or FNC402 Finansal Piyasalar ve Kurumlar(Financial Markets and Institutions) (3 credits) The objective of this course is to introduce the basics of financial markets and institutions. The specifics of financial crisis are undertaken in accordance with the asymmetric information problems in the financial markets. The mechanics of bond and stock markets are thoroughly analyzed. The

remaining part of the course covers the Money Markets, the Mortgage Markets, the Mutual Funds and the Investment Banking along with a special emphasis on the 2007-2009 Financial Crisis.

LOJ201 or LOG201 Lojistiğin Temelleri (Fundamentals of Logistics) (3 credits) The purpose of this course is as follows: This lecture presents the fundamental sourcing management knowledge for managers involved in procurement and purchasing activities. It covers the role and strategy of purchasing, contracting and the procurement processes in logistics. The lecture addresses the integration of these processes within the overall corporate strategy and covers the measurement and use of performance and financial controls that aid efficient and effective supplier management.

TIC102 or TRA102 Uluslararası Ticaretin Temelleri (Fundamentals of International Trade) (3 credits) The purpose of this course is to prepare students to be managers for the increasingly competitive international trade world. The emphasis of this course will be on approaches to and, operations and procedures of international trade. Through chapters, readings, and case analyses, we will discuss issues related to basic theoretical approaches to international trade, terms of trade or Incoterms, terms of payment, international commercial documents. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills.

TIC203 or TRA203 Uluslararası Ticaret (International Trade) (3 credits) The purpose of this course is to study the structure and dynamics of international trade within an evolving world economy from the perspective of a developing country, especially Turkey. Students will analyze the essential characteristics of foreign trade structures of developing countries within recent periods of world economy.

ISL103 or BUS103 İşletmeye Giriş (Introduction to Business) (3 credits) The objective of this course is to analyze the important topics of business as forming a business unit, business in global markets, general management in business, human resource management in business, accounting and financial activities in business, operations management in business, marketing management in business, business and economics, social responsibility, ethics and law in business and new concerns of business.

ISL213 or BUS 213 İşletmelerde İletişim ve Etik (Business Communication&Ethics) (3 credits) The purpose of this course is to apply business communication principles through creation of effective business documents and oral presentations. It includes study and application of team communication and use of technology to facilitate the communication process. Secondly, ethics offers concept of values, morality, as well as cultural beliefs and upbringing in all areas of business, from consumer rights to corporate social responsibility. Decisions made by shift managers or corporate presidents may affect thousands of individuals or entire communities. Consumers today expect and demand integrity, honesty, and transparency in all levels of their environment. Understanding those expectations is the key to communicating core values and behavior not only to employees, but society in general.

ISL220 or BUS 220 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production, business ethics will also be examined. The original side of this course is business people' sharing their experience with students.

ISL451 or BUS451 Mikrofinans ve Sosyal İşletmecilikI (Microfinance And Social BusinessI) (3 credits) The objective of the course is for students to gain a better understanding of the different aspects of both social business and microfinance and how successful examples from global and Turkish cases change the poverty structure. Guest speakers with field experience will highlight the social business

horizons. Students will also be exposed to the business strategies focused on alleviating a social problem with their own business plans.

ISL452 or BUS452 Mikrofinans Ve Sosyal İşletmecilikII (Microfinance And Social Business II) (3 credits) In order to fully appreciate the impact of microfinance, it's important to first understand the topic of extreme poverty and the field of global economic development. This course will then examine the development of the microfinance field over the past 25 years, beginning with the pioneer institution known as the Grameen Bank and will be detailed with theories and practices all around the globe and Turkey in specific. The objective of the course is for students to gain a better understanding of the different aspects of both social business and microfinance and how successful examples from global and Turkish cases change the poverty structure. Guest speakers with field experience will highlight the microfinance horizons. Students will also be exposed to the field trips and business strategies focused on alleviating a social problem with the notion of microcredits and micro insurance.

ISL454 or BUS454 Sosyal Girişmcilik (Social Entrepreneurship) (3 credits) To provide students with an introduction to principles and practices in social entrepreneurship this can be defined minimally as the establishment and management of successful social mission-driven ventures. It aims to bring together the established pedagogy of entrepreneurship with cutting edge nonprofit and public management tools.

IKT103 or ECO 103 İktisada Giriş I (Introduction to Economics I) (3 credits) This is an introductory microeconomics course. The aim of this module is to develop an understanding of elementary microeconomic analysis and its applications. By the end of the term, the student will have acquired a basic understanding of the main microeconomic topics, including analysis of the consumer, the firm, the economics of public sector and product markets. The material covered as part of this course will help students to organize their ideas about economics.

IKT104 or ECO104 İktisada GirişII (Introduction to EconomicsII) (3 credits) This is an introductory macroeconomics course. The aim of the course is to develop an understanding of elementary macroeconomic analysis and its applications. By the end of the term, the student should have acquired a basic understanding of the main macroeconomic topics, including national income, aggregate demand and supply, an introduction to the real economy and money and prices in the long run and some basic concepts about inflation and unemployment trade-off. The material covered in this course will help the student to organize his/her ideas about economics. The lecturer will put less emphasis on algebraic modelling techniques and more room for contextual discussions. This course in macroeconomics will include critical issues such as macroeconomic stabilization, distributional equity, the quality of employment, environmental considerations, the adequacy of living standards. This course will cover standard concepts and models, focuses on the crucial aspects of human well-being. The course also includes serious investigation of the environmental impacts of economic growth and the role of unpaid work in economic life.

ENF101 BilgisayarI (ComputerI) (3 credits) The purpose of this course is to familiarize students with computers and their applications that they will use throughout their college and future careers. In this course students will learn fundamental concepts of computer hardware, software and become familiar with a variety of computer applications, including word processing, spreadsheet, databases and multimedia presentations. Students will also investigate internet-based applications, working with email and learning how to browse the web. Coursework also includes activities that explore social and ethical issues related to computers. *(This course is given in Turkish.)*

ENF102 BilgisayarII (ComputerII) (3 credits) The purpose of this course is to familiarize students with computers and their applications that they will use throughout their college and future careers. In this course students will learn fundamental concepts of computer hardware, software and become familiar with a variety of computer applications, including word processing, spreadsheet, databases and multimedia presentations. Students will also investigate internet-based applications, working with email

and learning how to browse the web. Coursework also includes activities that explore social and ethical issues related to computers (*This course is given in Turkish.*)

EGT304 Topluma Servis Uygulamaları (Comunity Service Practices) (2 credits) This course aims to gain awareness and social responsibility as the theoretical and practical application during cooperation, solidarity, and self-assessment is to develop effective communication skills to teacher candidates. For this purpose, teacher candidates will determine the place of the event before starting the activity and will review the events material. Teacher candidates will do well to plan activities, which they will know that they are responsible for the work and activities will be finished in time according to the start time. Teacher candidates assist the transport of materials related to the activities they do during the project, they will embrace it and take care of the items under their responsibility. Teacher candidates will work in cooperation and harmony for the effectiveness of the institution's authorities will do their activities to be carried out smoothly. (*This course is given in Turkish.*)

EGT411 Topluma Servis Uygulamaları (Community Service Practice) (2 credits) This course aims to gain awareness and social responsibility as the theoretical and practical application during cooperation, solidarity, and self-assessment is to develop effective communication skills to teacher candidates. For this purpose, teacher candidates will determine the place of the event before starting the activity and will review the events material. Teacher candidates will do well to plan activities, which they will know that they are responsible for the work and activities will be finished in time according to the start time. Teacher candidates assist the transport of materials related to the activities they do during the project, they will embrace it and take care of the items under their responsibility. Teacher candidates will work in cooperation and harmony for the effectiveness of the institution's authorities will do their activities to be carried out smoothly. (*This course is given in Turkish.*)

BLG152 or CMPE 152 Bilgisayar Programlama (Computer Programming) (3 credits) The purpose of the computer programming course is to educate students about the main concepts algorithms and fundamentals of C Programming Language, and to show the rules of Sort and Search algorithms with elementary data structures (Pointer, Stack, Queue, Linked list) and to be enable developing simple programs.

GIT327 Web TasarımıI (Web DesignI) (2 credits) The goal of this course is that students become able to bring their creative ideas online, which is a visual platform. The students learn about web design concepts and terms (HTML, CSS, Graphic Interface design, etc) through lectures, and strengthen their background through assigned applications(*This course is given in Turkish.*)

GIT328 Web TasarımıII (Web DesignII) (2 credits) The purpose of this course is to help the students become able to bring their creative ideas online, which is a visual platform. The students learn about web design concepts and terms (HTML, CSS, Adobe Dreamweaver, etc.) through lectures, and strengthen their background through assigned applications. (*This course is given in Turkish.*)

İÇM412 Evrensel Tasarım (Universal Design)(2 credits) The purpose of this course is the systematic regulation of human actions together with the design of artifacts and all built environments which are developed in accordance with the principle of design that suits best to the human physiology. . (*This course is given in Turkish.*)

MOD277 Moda Trendleri (Fashion Trends) (2 credits) On this course students will learn how to analyze fashion trends, past and present. This will allow them to understand and anticipate trends in the fast-moving fashion world. By doing so they will comprehend the relation between fashion design and marketing. In studio session students will learn how to classify fashion trends and to comment on current catwalk shows by developing the intellectual tools used in the fashion business. They will research the purpose and thinking behind some of the world's best known brands; by doing so they will develop their own understanding of the concepts which should underpin their style choices. At the same

time students will learn how to apply the terminology used in the industry both in their own and a foreign language. In addition, students will sharpen their aesthetic sensibilities and start to make connection between fashion trends and social developments. With respect to technical skills, students will learn how to use digital means to present their ideas and develop their own career path. *(This course is given in Turkish.)*

MOD347 Giysi Tarihi (Clothing History) (2 credits) The aim of this course is to provide students self-awareness about the impact of sociological, cultural, and historical events on fashion industry and clothing. And also to provide the ability of incorporating theoretical gains into fashion design products. *(This course is given in Turkish.)*

EÜT223 Görsel Anlatım Teknikleri (Visualization Techniques) (2 credits) This course aims to determine achieve the design language, turning into form and colour by interpreting the messages received from all of the students*(This course is given in Turkish.)*

EÜT365 Tasarım Tarihi (Design History) (2 credits) The aim of the associating different socio-cultural structures, geographies, theories, ideology and thoughts with Pre-industrial, industrial and post-industrial historical periods and events related to design specific theory by giving information about the concepts and individuals.*(This course is given in Turkish.)*

HUK107 Hukuk Başlangıcı (Introduction to Law) (3 credits) It is aimed to develop a theoretical perspective with regard to legal concepts and institutions and underlying values. *(This course is given in Turkish)*

HUK116 Türk Hukuk Tarihi (History of Turkish Law) (3 credits) In the lecture of Turkish history, information about legal practice of old Turkish civilization, which are considered in Turkish history and also structures, similarities and differences of legal institutions which exist in Turkey from Ottoman Empire to modern Turkish Republic given. Differences between sheria and customary law practiced in Ottoman Empire are clarified, modernization and legalization acts in the last days of Ottoman Empire are explained. Thus, the aim is to give students information about similarities and difference of judicial system which are practiced in Turkey and to make students have awareness of legal history. *(This course is given in Turkish)*

HUK122 Totalitarizm ve Hukuk (Totalitarianism and Law) (2 credits) In this course the relationship between totalitarianism and law is discussed. In this context definition, basic rules, historical and economic sources of totalitarianism are discussed. The main point of this course is, how can be described any regimes as totalitarian and explain the relationship between totalitarianism and law by evaluate with the historical example. *(This course is given in Turkish)*

IKT152 Ekonomi (Economy) (3 credits) General principles of Economics The aim of this course is to provide an introductory level of issues that constitute the micro and the macro. This course is intended to be interpreted on the basis of economic theories by evaluating economic activities. Economics has a wide range of topics. One-term due to being, of course, to the general framework of the economy has been limited*(This course is given in Turkish)*

HUK244 Hayvan Hakları Hukuku (Animal Rights Law) (3 credits) The aim of the course is to inform students regarding the responsibilities of humans with respect to the protection of the ecological balance, ethical and legal status of animals, current animal welfare laws, extent of the protection provided by these laws and animal rights movement by exploring the concrete examples of the major forms of animal use and our behaviour towards animals. *(This course is given in Turkish)*

HUK267 Kriminoloji (Criminology) (3 credits) In course of criminology is aimed to taught base concept of criminology; compared criminology to other course; according to recent criminology and historical process, taught reason of crimes, type of crimes and used method which in the other criminological research by participating of student. Criminology examine nature and quantity of crime,

reasons of crime and criminality, develop of criminal law and carry out criminal justice, features of crime, rehabilitation of criminals, types of criminality, affect of crime on change of social(*This course is given in Turkish*)

HUK280 Avrupa Birliđi Hukukuna Giriř (Introduction to European Union Law (3 credits) This course will provide general knowledge for European Union's substantive law. In this respect the following topics will be covered: (1) the structure of the European Union and the principles it is based upon, (2) the law of institutions, (3) the relationship between the EU legal order and national legal orders, (4) the EU system of judicial protection and the way EU law may be relied on by individual litigants, and (5) the rules governing the freedoms of the European Internal Market. (*This course is given in Turkish*)

HUK282 İnsan Hakları Hukuku (Human Rights Law) (3 credits) It is aimed to provide an understanding and awareness of human rights by informing the students on the historical and legal development of human rights; ways to protect human rights at the national and international plane; the European Court of Human Rights (ECHR) under the local protection; the scope and conditions of the Constitutional Court's individual petition under the national protection and some of the fundamental rights by explaining the jurisprudence of the ECHR and the Constitutional Court. (*This course is given in Turkish*)

HUK285 Spor Yönetimi Hukuku (Sport Management and Law) (3 credits) This course will reveal the interrelation of sport with different legal systems by identifying discussing Turkish and global rules concerning sport activities, analysing mechanisms of settlement of sport disputes and informing the students on the Court of Arbitration for Sport. (*This course is given in Turkish*)

LAW287 Türk Hukuđuna Giriř (Introduction To Turkish Law) (3 credits) This course aims to provide to students an overview of how the legal system works in Turkey, with special regard to some institutions of civil law, which has a regulation a part, differently from other legal systems. We explore the basic concepts of law including different its sources, passing through the different branches of law. The constitutional law will be discussed comparatively with the previous Turk-ish Constitutions. In this course we take care of making dynamic lessons with the participation of the students which is also an excellent way also to improve public speaking ability and boost the confidence level. (*This course is given in Turkish*)

HUK354 Biliřim Hukuku (Information Technologies Law) (3 credits) Within this course, basics of the information technologies law will be shown, the connection with the new information technologies in the digital world, media instruments and the law will be made, a discussion medium for the adaptation process of the legal rules designed for an analog world to the digital world will be created and new internet communication modes will be evaluated within the framework for author's rights. (*This course is given in Turkish*)

HUK361 Enerji Hukuku (Energy Law) (3 credits) This course aims to provide a grounding about the general principles of regulation and energy modelling through describing the relations between the power markets, the historical progress, structuring of the legal basis, the legislative amendments that are already made and those foreseen, the transition from electricity monopolies into fully liberalized trading platforms, how EMRA and power markets work. A special regard will be given to renewable energy issue and the foreign investments. We will discuss also about the privatization projects and their legal basis related to energy investments. Will be taken care of making dynamic lessons with the participation of the students which is also an excellent way also to improve public speaking ability and boost the confidence level. (*This course is given in Turkish*)

HUK372 Fikri Mülkiyet Hukuku (Smai Haklar) (Intellectual Property Law (Patent Rights) (3 credits) Within the scope of this course, basics of intellectual property will be analysed in details. Students will be introduced to the patent rights area in the intellectual property law; they will be informed on the concepts of new and original designs that are legally protectable and the conditions for

legally protecting the new and original design; they will have an idea on brand name, patent and designs. *(This course is given in Turkish)*

LAW375 Avrupa İş Hukuku (European Business Law) (3 credits) This course is designed to inform students about the main subjects and principles of the business law. Through chapters, readings, and case analyses, issues related to the concept and sources of commercial law, the actors recognized in business, the law of enterprises, law of negotiable instruments and law of companies will be discussed. Furthermore, students will focus on contracts and torts liability, as well as dispute resolution mechanisms. All these issues will be analyzed within the context of Turkish and European Law.

HUK391 Fikri Mülkiyet Hukuku (Telif Hakları) (Intellectual Property Law (Author's rights) (3 credits) Within this course basics of intellectual property law and protection of author's rights are shown. Author's rights and related rights are thoroughly analysed. Students are informed on the legal protection of the work. The connection between the new information technologies in the digital world, media instruments and the author's rights. New internet communication modes are evaluated within the framework of author's rights. *(This course is given in Turkish)*

HUK422 Ticaret Hukuku (International Commercial Law) (3 credits) This course designed to introduce students international trade institutions, main transactions concerning international trade and legal system in Turkey about international trade and foreign investments. *(This course is given in Turkish)*

LAW470 Sermaye Piyasası Kanunu (Capital Market Law) (3 credits) This course aims to prepare students to acquire basic knowledge on the structure and functions of the financial system. Through the lectures we will discuss the main principles of the capital markets, its national and international institutions, the capital market instruments, comparatively with the capital market systems in Turkey. During the lectures, students will be able to discuss the topics and develop their abilities to provide solutions to the problems regarding the capital markets activity.

CGE321 Eğitimde Drama (Drama in Education) (3 credits) The aim of this course is to learn the definition and aims of drama in education, drama techniques in education and drama practices that support the training program. *(This course is given in Turkish)*

BES152 Sağlıklı Beslenme (Healthy Nutrition) (2 credits) The aim of this course is to define the organic and inorganic food, caloric value, nutrition disorders, relation of food with health, food groups and nutrition training, nutrition problems in society, diseases connected to nutrition, hospital kitchen and menu preparation. *(This course is given in Turkish)*

HEM315 Temel İlk Yardım Uygulamaları (Basic First Aid Applications) (2 credits) The aim of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish)*

IAY107 İleri Sürüş Teknikleri (Advanced Drive Techniques) (3 credits) The purpose of this course is to provide advanced driving skills of ambulance. Patient safety and transport topics are also covered in the lectures. *(This course is given in Turkish)*

SKI209 Stres Yönetimi (Stress Management) (3 credits) The purpose of this course is to demonstrate general theories about stress and also provide general knowledge that related to stress concept. This course also aims to analyze main stress theories as fight or flight, general adaptation syndrome and Lazarus's perceived stress model. *(This course is given in Turkish)*

SHT212 Tıbbi İngilizce1 (Medical English) (3 credits) The purpose of this course is to provide practice to the students in professional field being the next dimension of the basic English. This course

which is focused on the English terminology used in healthcare field and the methods of general communication aims to ensure that the students learn the required communication methods as an employee and patient.

SHT213 Tıbbi İngilizce 2(Medical EnglishII) (3 credits) The purpose of this course is to presents a comprehensive english knowledge of the human body.

TBD102 Etkili ve Güzel Konuşma Teknikleri (Effective Speach Techniques) (3 credits) The purpose of this course is to show the students characteristics and rules of Turkish Language through examples; make them achieve the habit and skill of showing their emotions, thoughts, plans, impressions, observations, and experiences accurately and efficiently in writing and verbally; develop their vocabulary with the help of written and verbal texts; teach them the rules of comprehending accurately the texts they read or programs they listen to; develop their language skills which form the basis of the communication between individuals and the populace. *(This course is given in Turkish)*

MISL103 Finansal Kaynakların ve Kararların Yönetimi (Management of Financial Resources and Decision)(3 credits) This course aims to inform students about accounting practice, general equilibrium concepts in accounting, accounting principles. The course also aims to inform students about balance sheet account, accounting for trading, T Ruler Record (TRR), new operating assets and liabilities. Accounts and implementation handled in this lesson. *(This course is given in Turkish)*

MISL202 Pazarlama İlkeleri (Marketing Principles) (3 credits) This course gives a system for general information about marketing. Students have information about a function of a business which is called marketing and its approaches. *(This course is given in Turkish)*

MISL213 İşletme Çevresi (Business Environment) (3 credits) This course aims to collect data in primary and secondary ways, using sources for it and the relationship with the business environment for decision making in organizational ways and the use and production knowledge for several purposes. *(This course is given in Turkish)*

MISL112 İşletme Stratejileri (Business Strategies) (3 credits) This course aims the inform students about business and strategy, sources related with knowledge and business environment. *(This course is given in Turkish)*

MISL203 İş Etiği (Business Ethics) (3 credits) This course aims to give ideas to students about ethical behavior. Ethical behavior applications for individuals, firms and societies are also important for the topic of business ethics, which is examined in this course. *(This course is given in Turkish)*

METI210 Kişisel ve Profesyonel Gelişim (Personal and Professional Development) (3 credits) The aim of this course is to inform students about development in several branches. Students have to identify their personel development in a professional perspective. *(This course is given in Turkish)*

MHUK201 İş Hukuku (Business Law) (3 credits) The aim of this course; The historical development of labor law that arise out of reasons, work is based on the relationship with other branches of law to explain the unique nature of the law in the interpretation of labor law aim of enhancing opportunities in accordance with the principles covered. Following the developments in labor legislation flexible types of work within the scope of the 4857 Act, the basic concepts of business law, economic, and provides information about changes in social and technological developments resulting from labor law. *(This course is given in Turkish)*

MISL114 İşletme Kararların Alınması (Taking Operational Decisions) (3 credits) This course aims to handle the points for decision making and decision taking for the processes in individual and team perspective. *(This course is given in Turkish)*

MYYO108 Örgütsel Davranış (Organizational Behavior) (3 credits) In the light of these theories, teaching organizational behavior theory, business typology impact the organization molecular structure, organizational culture, social influence, attitude, motivation, to give the perception and the use of organizational conduct of the marketing and advertising world to students. *(This course is given in Turkish)*

MYYO113 Etkili İletişim Teknikleri (Effective Communication Techniques) (3 Credits) The aim of the course is to provide basic information about concept of communication and the communication process, verbal communication, nonverbal communication, interpersonal communication, group communication, and organizational communication, Mass Communication, online communication, international and intercultural communication. *(This course is given in Turkish)*

MYYO220 Kamu Maliyesi (Public Finance) (3 credits) The purpose of the course is to give information about public expenditure, public revenues, tax systems and public expenditures and budget which is the community presentation format of public revenues and expenditures. Students can analyse the strategic planning and activity reports of the public institutions. *(This course is given in Turkish)*

MISG204 İş Sağlığı ve Güvenliği Mevzuatı (Occupational Health and Safety Legislation) (3 credits) Laws and regulations related to the objectives of occupational health and safety of the program, the employer and responsibility of workers, the Occupational Health and Safety Act's basic objectives and principles is to give knowledge about the basic principles of the legislation on existing legal regulations and occupational health and safety in Turkey. *(This course is given in Turkish)*

MIKA101 İnsan Kaynakları Yönetimi I (Human Resources Management I) (3 credits) This course aims to explain techniques and applications about human resources management terms which are important in workplace. In this course, employment, performance, career, motivation and similar terms are discussed for their importance in business. *(This course is given in Turkish)*

MGRS202 Girişimcilik I (Entrepreneurship I) (3 credits) The aim of this course is to inform students of entrepreneurship and human resources in the workplace. The students have to identify the relation between the entrepreneur and the firm.

MCAV211 Satış Planlama ve Operasyon (Sales ,Planing and Operations) (3 credits) This course aims to combine with theory and application in a specific way. Selling and marketing, customer relationship management, operational activities handled in this lesson.

MTRF203 Dış Ticaret Evrakları (Foreign Trade Documents) (3 credits) The aim of this course is to inform students for the increasingly competitive foreign trade world. The emphasis of this course will be on the international commercial terms, import and export transactions and accounting. Through chapters and readings, students will take of learning. In addition, we will be explained the topics with examples. End of the course, students are required to do homework. During the presentations, students will be work with other people in teams while developing their oral communication abilities and presentation skills.

MTRF202 Gümrük Operasyonları ve Uygulamaları (Customs Operations and Practices) (3 credits) This course aims to examine important issues about a operations and the evaluation of the results.

MTRF221 Dış Ticaret Finansmanı (Financing Foreign Trade) (3 credits) The aim of this course is to inform students about trade in several branches. Students have to identify the relationship between the trade and finance.

MHUK102 Temel Hukuk (Basic Law) (3 credits) To teach the basic concepts of law. Regulatory rules and sanctions which are ensuring social order and holds a very important place in maintaining, definitions of law. Have information about constitution.

MRTV113 Kurguya Giriş (Introduction to Editing) (2 credits) The course is designed to introduce students to the art of editing. Students will receive basic training in practice and also learn basic editing principles. On line and off line editing, linear and non-linear editing, assemble and insert editing are some of the topics that will be covered in this class. In this course is used adobe premiere Cs6 editing software. *(This course is given in Turkish)*

MRTV116 Film Çalışmaları (Film Studies) (2 credits) The aim of thies course, subjects such as cinema history, cinema directors and their films, situation of cinema in social life, industry, culture and communication will be discussed. Ability of how to analyse films is gained. This course also investigates how to produce meaning with critical analysis techniques and how to interpret the meaning. *(This course is given in Turkish)*

MRTV217 Film ve Videoda Kurgu (Film and Video Editing) (3 credits) Aims of this course are to teach technique and theoretical principles of editing, to combine created sound and images to compose a story. In addition to these in this course, the program Adobe Premiere Cs6 is taught and technique information and skills are gained. Dialogue scene, action scene and documentary editing are practiced. A Project is made to be ready for showing by editing, sound editing, color editing and with generics. *(This course is given in Turkish)*

MRTV219 Televizyon Haberciliği (Television Reporting) (3 credits) In this class, students learn structure of a news center, working systems of units, how to write news and fictionalize. It is provided for students to learn creating a format, writing, recording, editing, composing scenario and producing by making a plan for target audience's needs. Differences between television broadcasting of news and news production are analyzed. *(This course is given in Turkish)*

MRTV222 İleri Kurgu (Advanced Editing) (2 credits) It is aimed to be faster and more effective on whole post production stages by using advanced level of features on editing programs Adobe Premiere Cs6 and Adobe After Effect in this course. *(This course is given in Turkish)*

MGTS109 Yaratici Fikir Geliştirme (Creative Idea Development) (2 credits) Purposes of this course are providing students to know creativity and creative idea concepts and gaining them creative idea delevopment ability. To teach that creativity is an improvable fact, there can be barriers on creativity, importance for creativity within themselves and how to develop creative idea is another purpose of this class. *(This course is given in Turkish)*

MISL101 İşletme (Management) (3 credits) The purpose of this course is to provide students with a background of basic management functions and an academic viewpoint to follow, understand and apply the modern developments in management, analysing opinions on management, actual criticisms, new approaches, ensuring knowledge about intellectual evolution of administrative field and development of their prevision for management trainees.

MBLG101 Bilgisayara Giriş (Introduction to Computer) (3 credits) The purpose of this course is to this lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections.

MISL201.01Organizasyon ve Davranış (Organization and Behavior)(3 credits) This course deals with human behavior in organizations. Conceptual frameworks, case discussions, and skill-oriented activities are applied to course topics which include: motivation, learning and development, group dynamics, leadership, communication, power and influence, change, diversity, organizational design,

and culture. Class sessions and assignments are intended to help participants acquire skills and analytic concepts to improve organizational relationships and effectiveness.

MMEK103 Bilgisayar Programlama (Computer Programming) (3 credits) The aim of this course; basic programming and algorithm logic is to be developed. In this context, the structure of the Java programming language and teaching the rules is intended to give the ability to write programs with this programming language. *(This course is given in Turkish)*

MISL102.01 İşletme Yönetimine Giriş (Introduction to Business Administration) (3 credits) This course aim to providing students with a background of basic management functions and an academic viewpoint to follow, understand and apply the modern developments in management, analysing opinions on management, actual criticisms, new approaches, ensuring knowledge about intellectual evolution of administrative field and development of their prevision for management trainees.

MADM107 Girişimcilik (Entrepreneurship) (3 credits) This course will examine the theory and practice of promoting and managing innovation in start-ups and existing firms. It explores successful frameworks, strategies, funding techniques, business models, risks, and barriers for introducing breakthrough products and services. Topics include business model innovation, design-driven innovation, leadership, strategy, information technology, knowledge management, process improvement, performance measurement, and change management.

MIKT101 Genel İktisat (Introduction to Economics) (3 Credits) Students develop a basic understanding of economic principles in order to discuss issues at the level covered by the media. Topics include an introduction to microeconomics; the importance of government; an introduction to macroeconomics; macro policies and trade; industrial organization and products costs; and market structures, including perfect and imperfect competition. *(This course is given in Turkish)*

BACHELOR'S DEGREE PROGRAMS

FACULTY OF DENTISTRY

Dentistry (Turkish)

About Program

The basic aim of the program is to raise competent dentists fully equipped in terms of professional knowledge, skills and use of modern dental technology, who have ethical values. The dentistry education period of the faculty is five years. The basic medical science courses and fundamental dentistry courses and their practical application in the first two years of our curriculum are held in the 'Medicine, Dentistry and Health Sciences Education Complex' at Tuzla Campus of our University. In the first two years, the preclinical dentistry education is held in the 'Manipulation' and/or 'Simulation' laboratories. Following the active and intensive preclinical education, having acquired the knowledge and skills to treat patients in clinic under supervision of the academic staff of our faculty, our students will attend their theoretical classes and patient side clinical training in the Faculty of Dentistry Education and Training Hospital, beginning from the third year. The education language of the program is Turkish. 1 year preparation class in English is optional. Students who complete their five-year dentistry curriculum successfully receive the "Dentistry" diploma graduating with the title of "Dentist", and have an extensive professional life and career opportunities ahead of them. They can offer service in their private practices; work in public or private dentistry institutions or institutes; apply to dentistry doctoral programs, do a doctorate and continue their academic career afterwards; and begin their specialty education if they are successful in the Examination for Specialty in Dentistry (DUS).

Goals

The aim of the Dentistry program is to provide the students with necessary knowledge and skills to be competent dentists fully equipped in terms of professional knowledge, skills and use of modern dental technology, who have ethical values, can use their superior attainment to protect and treat oral health of society, take the individual treatment approach as basis, can exhibit a multidisciplinary approach, make a habit of protective practices and checks, and can thus extend the life of dental treatments performed.

Objectives

Beside dentistry education program, another aim of the faculty is to be a school which contributes to science by making original research recognized at national and international levels; which offers diagnosis and patient treatment services in dentistry, performed by the faculty academic staff renowned in the national and international platform with a team spirit and modern knowledge, skills and advanced technology; which offers up-to-date professional knowledge to dentists by offering training and courses after graduation; which has strong communication with its students, with faculty members treating one another affectionately and respectfully, and respecting the rights of their patients and colleagues.

The total credits required for the satisfactory completion of the curriculum are 261 credits.



CURRICULUM*1st YEAR COURSE PLAN*

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
KYP001	Kariyer ve Yaşam	Yes	Yes	0 + 2	1
DHF101	Davranış Bilimleri	Yes	Yes	1 + 0	1
DHF103	Biyoistatistik	Yes	Yes	2 + 0	2
DHF105	Deontoloji ve Etik	Yes	Yes	1 + 0	1
DHF107	Biyofizik	Yes	Yes	2 + 0	2
DHF109	Tıbbi Organik Kimya	Yes	Yes	2 + 0	2
DHF113	Maddeler Bilgisi I	Yes	Yes	1 + 0	1
DHF117	Tıbbi Biyoloji ve Genetik	Yes	Yes	4 + 2	5
DHF119	Protetik Diş Tedavisi I	Yes	Yes	2 + 8	6
DHF102	Koruyucu Hekimlik ¹	Yes	Yes	1 + 0	1

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

DHF106	Anatomi I	Yes	Yes	2 + 2	3
DHF110	Tıbbi Biyokimya	Yes	Yes	2 + 2	3
DHF114	Diş Hekimliği Tarihi	Yes	Yes	1 + 0	1
DHF118	Temel İlk Yardım	Yes	Yes	2 + 0	2
DHF120	Histoloji ve Embriyoloji I	Yes	Yes	2 + 2	3
ENG111 ENG113.04	Engilish I I Academic Reading and Writing I	No	Yes	2 + 2	3
ENG114	Academic Reading and Writing II	No	Yes	2 + 2	3
	Üniversite Seçmeli Dersi	No	Yes	2 + 0	2
Total					50

2nd YEAR COURSE PLAN²

Code	Course Title	*C	**A	***L+P Hours	Credits
DHF201	Anatomi II	Yes	Yes	2 + 2	3
DHF203	Histoloji ve Embriyoloji II	Yes	Yes	4 + 4	6
DHF205	Fizyoloji	Yes	Yes	4 + 4	6
DHF207	Mikrobiyoloji	Yes	Yes	4 + 4	6
DHF209	Hareketli Protezler I	Yes	Yes	2 + 6	5
DHF211	Sabit Protezler I	Yes	Yes	2 + 6	5
DHF213	Restoratif Diş Tedavisi I	Yes	Yes	2 + 6	5
DHF215	Endodonti I ³	Yes	Yes	2 + 6	5

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

*C: Compulsory

DHF202	Nöroanatomi	Yes	Yes	2 + 2	3
DHF204	Ağız, Diş ve Çene Radyolojisi I	Yes	Yes	1 + 0	1
DHF206	Oral Diagnoz I	Yes	Yes	1 + 0	1
ENG213.05	Academic Listening and Speaking I	No	Yes	2 + 2	3
ENG214	Academic Listening and Speaking II	No	Yes	2 + 2	3
Total					52

3rd YEAR COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
DHF317	Oral Diagnoz II	Yes	Yes	1 + 4	3
DHF319	Dental Anestezi	Yes	Yes	1 + 0	1
DHF301	Ağız, Diş ve Çene Cerrahisi I	Yes	Yes	4 + 4	6
DHF303	Pedodonti I	Yes	Yes	2 + 4	4
DHF305	Periodontoloji I	Yes	Yes	4 + 4	6
DHF307	Ortodonti I	Yes	Yes	4 + 4	6
DHF309	Hareketli Protezler II	Yes	Yes	2 + 4	4
DHF311	Sabit Protezler II	Yes	Yes	2 + 4	4
DHF313	Restoratif Diş Tedavisi II	Yes	Yes	2 + 4	4
DHF315	Endodonti II	Yes	Yes	2 + 4	4
DHF321	Patoloji	Yes	Yes	4 + 2	5
DHF323	Farmakoloji	Yes	Yes	4 + 0	4
DHF318	Ağız, Diş ve Çene Radyolojisi II	Yes	Yes	1 + 4	3
DHF320	Maddeler Bilgisi II	Yes	Yes	1 + 0	1
DHF322	Araştırma Metodolojisi I	Yes	Yes	1 + 0	1
Total					56

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

4th YEAR COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
DHF417	Oral Diagnoz III	Yes	Yes	1 + 4	3
DHF419	Medikal Diş Hekimliği I	Yes	Yes	2 + 0	2
DHF401	Ağız, Diş ve Çene Cerrahisi II ¹	Yes	Yes	4 + 4	6
DHF403	Pedodonti II	Yes	Yes	2 + 4	4
DHF405	Periodontoloji II	Yes	Yes	4 + 4	6
DHF407	Ortodonti II	Yes	Yes	4 + 4	6
DHF409	İleri Protetik Tedaviler	Yes	Yes	2 + 8	6
DHF411	Ağız Hastalıkları ve Patolojisi	Yes	Yes	4 + 0	4
DHF413	Restoratif Diş Tedavisi III	Yes	Yes	2 + 4	4
DHF415	Endodonti III	Yes	Yes	4 + 4	6
DHF418	Ağız, Diş ve Çene Radyolojisi III	Yes	Yes	1 + 4	3
DHF420	Medikal Diş Hekimliği II	Yes	Yes	2 + 0	2
DHF422	Araştırma Metodolojisi II	Yes	Yes	1 + 0	1
Total					53

5th YEAR COURSE PLAN⁴

Code	Course Title	*C	**A	***L+P Hours	Credits
DHF503	Pedodonti III	Yes	Yes	1 + 0	1
DHF505	İleri Periodontoloji	Yes	Yes	1 + 0	1
DHF507	Ortodonti III	Yes	Yes	2 + 4	4
DHF509	Stomatografik Sistem Rahatsızlıkları ve Tedavileri	Yes	Yes	1 + 0	1
DHF513	Estetik Diş Hekimliği	Yes	Yes	1 + 0	1
DHF515	İleri Endodonti	Yes	Yes	1 + 0	1
DHF519	Medikal Diş Hekimliği III	Yes	Yes	2 + 0	2
DHF501	Çene Yüz Cerrahisi ve Protezi	Yes	Yes	2 + 0	2
DHF511	Oral İmplantoloji	Yes	Yes	2 + 0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

DHF517	Toplum Ağız Diş Sağlığı	Yes	Yes	2 + 8	6
DHF521	Multidisipliner Klinik Eğitimi	Yes	Yes	0 + 48	24
DHF523	Bitirme Tezi	Yes	Yes	0 + 2	1
DHF520	Medikal Diş Hekimliği IV	Yes	Yes	2 + 0	2
DHF522	Genel Anestezi	Yes	Yes	1 + 0	1
DHF524	Muayenehane Yönetimi ve Ergonomi	Yes	Yes	1 + 0	1
Total					50
Grand Total					261

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I(History of Turkish Revolution I)(2 credits) (*See General Education*)

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution II) (*See General Education*)

TRD101 Türk Dili I (Turkish Language I) (2 credits) (*See General Education*)

TRD102 Türk Dili II (Turkish Language II) (2 credits) (*See General Education*).

KYP001 Kariyer ve Yaşam Programı (Career and Life Planning) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. (*This course is given in Turkish*).

DHF101 Davranış Bilimleri (Behavioral Sciences) (1 credit) The purpose of this course is to understand the human and the human behaviors through individual and social perspective, to explain individual differences, attitudes, and learning, and to recognize the society and human as a person within the society. (*This course is given in Turkish.*)

DHF103 Biyoistatistik (Biostatistics) (2 credits) The purpose of this course is to the field and provides a survey of data and data types. Specific topics include tools for describing central tendency and variability in data; methods for performing inference on population means and proportions via sample data; statistical hypothesis testing and its application to group comparisons; issues of power and sample size in study designs; and random sample and other study types. While there are some formulae and computational elements to the course, the emphasis is on interpretation and concepts. Students who complete this course are expected to be able to understand and interpret all of the basic statistical methods used in scientific journals in their field of study, as well as use basic statistics in their own research. (*This course is given in Turkish.*)

DHF105 Deontoloji ve Etik (Deontology and Ethics) (1 credit) The purpose of this course is to explain ethics in dentistry and medicine; define the path of being a good doctor and the necessities; describe WHO regulations on medical ethics; define the act of malpractice and underline to be a doctor who is discerned of patient rights. (*This course is given in Turkish.*)

DHF107 Biyofizik (Biophysics) (2 credits) The purpose of this course is to enable students to understand basic principles of biophysics, molecular structures of living organisms, the structure and function of cell membrane, action potential, basic principles of electrocardiography and ultrasonography, biophysical mechanisms of respiration, muscular contraction, seeing and hearing. (*This course is given in Turkish.*)

DHF109 Tıbbi Organik Kimya (Medical Organic Chemistry) (2 credits) The purpose of this course is to describe the chemical foundations of the human organism. To close the gap between organic chemistry and biochemistry, a brief knowledge of basic organic chemistry is given. Subsequently, the structures of proteins, carbohydrates, lipids and enzymes are worked out, the chief concern being the structure-function relation and the understanding of biomedical significance. (*This course is given in Turkish.*)

DHF113 Maddeler Bilgisi I (Materials Science I) (1 credit) This course is aimed to explain basic properties of dental materials and introduce different dental applications of these materials, as well as

their clinical and laboratory usage. This course is designed to introduce and teach dental materials thoroughly. *(This course is given in Turkish.)*

DHF102 Koruyucu Hekimlik (Public Health- Preventive Medicine) (1 credit) The purpose of this course is to educate the students with the knowledge of health in all aspects and its components and promoting positive attitude towards health conductive lifestyles. The second purpose of this course is to understand the environment's role in promoting health and to evaluate pollution and global environmental changes. *(This course is given in Turkish.)*

DHF106 Anatomi I (Anatomy I) (3 credits) The purpose of this course is to give the students a solid foundation of anatomical knowledge and terminology; to give general information about bone, joint and muscle; to investigate the organs of locomotor system and the structural and neighbouring relations between them; to realize the knowledge of head and neck and the structural and neighbouring relations between them. *(This course is given in Turkish.)*

DHF110 Tıbbi Biyokimya (Medical Biochemistry) (3 credits) The purpose of this course is to give information on biochemical thermodynamics; biologic oxidation and oxidative phosphorylation; the utilization of vitamins and minerals as cofactors of enzymes; acids, bases and buffers. How carbohydrates, lipids and proteins are metabolized and how these metabolic pathways are regulated are described. The clinical situations that arise from the derangements metabolism are also briefly described. *(This course is given in Turkish.)*

DHF114 Diş Hekimliği Tarihi (History of Dentistry) (1 credit) The purpose of this course is to explain the history of dentistry according to ages and to define the evolution of dentistry with branch specific information. *(This course is given in Turkish.)*

DHF118 Temel İlk Yardım (Basic First Aid Applications) (2 credits) The purpose of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish.)*

DHF120 Histoloji ve Embriyoloji I (Histology and Embryology I)(3 credits) The purpose of this course is to explain the cell structure, cell membrane, cell nucleus, organelles and components of cytoskeleton and to teach the functions and structures of different types of cells of main tissue groups. Besides, it is aimed that the student can distinguish the basic tissue types of human body and the histological structures and functions of these tissue types as well. *(This course is given in Turkish.)*

DHF117 Tıbbi Biyoloji ve Genetik (Medical Biology and Genetics) (5 credits) This course aims to examine the main component of cell biology and genetics for establishing background for dentistry students. The emphasis of this course will be on cell constituents, nucleic acid structure, chromosome and gene regulation. Through chapters, we will discuss issues related to both inside and outside of the cell, cell environment, molecular basis of some diseases, DNA, RNA structure, function, transcriptional regulation, to genetic code of mitochondria and cell, functional and non-functional RNA types, post-transcriptional regulation, protein synthesis steps occurring in cells, human genome organization, main types of mutagenesis, genetic control mechanisms, both mendelian and non-mendelian genetics, biotechnological approaches used in genetics, population genetics, chromosome abnormalities, genetic counselling, genetic diseases, meiotic and mitotic cell division, cell cycle regulation, cell death regulation, cancer genetics, immunogenetics. Such knowledge will better equip students to understand cell biology and genetics and the roles of cell components play in addressing the issues related to cell physiology and diseases in medicine. *(This course is given in Turkish.)*

DHF119 Protetik Diş Tedavisi I (Prosthodontics I) (6 credits) The purpose of this course is to introduce the basic concepts of prosthodontics; to describe the materials, instruments and procedures related to prosthodontic treatment, and to define tooth morphology and dental terminology. The students will develop practical hand skills, and get acquainted to basic prosthetic procedures in the laboratory. *(This course is given in Turkish.)*

DHF201 Anatomi II (Anatomy II) (3 credits) The purpose of this course is to introduce the basic concepts of anatomy, terminology and general informations about bone, joint and muscle; to define the organs of the locomotor systems and their structures and interactions. It is also aimed to introduce and discuss the circulatory, respiratory, digestive, endocrine and urogenital systems and their structures and interactive functions. *(This course is given in Turkish.) Prerequisites: DHF106, DHF119 and DHF120.*

DHF202 Nöroanatomi (Neuroanatomy) (3 credits) The purpose of this course is to introduce general information about the nervous system and the sensory organs, their structures and interactions; to describe the anatomy and function of the central and peripheral nervous system and discuss the reasons of clinical cases in accordance with these anatomical systems. *(This course is given in Turkish.) Prerequisites: DHF106, DHF119 and DHF120.*

DHF204 Ağız, Diş ve Çene Radyolojisi I (Dentomaxillofacial Radiology I) (1 credit) The purpose of this course is to present the physical properties of ionizing radiation, the biologic effects of radiation, the radiation safety and protection; to describe the intraoral radiographic techniques, and to define the intraoral radiographic examination. *(This course is given in Turkish.) Prerequisites: DHF106, DHF119 and DHF120.*

DHF206 Oral Diagnoz I (Oral Diagnosis I) (1 credit) The purpose of this course is to describe the organization and physiology of the organism and the evaluation of the patient's medical and dental history; to define the extraoral and intraoral clinical examination methods; to introduce the patient recording and the informed consent, and to differentiate the oral lesions. This course is designed to present the essentials of the diagnostic approach to the patient. *(This course is given in Turkish.) Prerequisites: DHF106, DHF119 and DHF120.*

DHF203 Histoloji ve Embriyoloji II (Histology and Embryology II) (6 credits) The purpose of this course is to introduce the basic concepts of embryology, the production and development process of female and male gametes, methods of prenatal diagnosis, tooth development and abnormality during development stage, embryological and histological development of tooth and oral structures. It is also aimed to develop students' understanding of histology by examining the slides under microscope. *(This course is given in Turkish.) Prerequisites: DHF106, DHF119 and DHF120.*

DHF205 Fizyoloji (Physiology) (6 credits) The purpose of this course is to enable students to understand the basic physiological terms, functional organization of human body, the relationship among cells, organs and systems, cell structure and function, mechanisms of human body systems. *(This course is given in Turkish.) Prerequisites: DHF106, DHF119 and DHF120.*

DHF207 Mikrobiyoloji (Microbiology) (6 credits) The purpose of this course is to make the students understand the science of basic microbiology and immunology; to teach medically important microorganisms and oral pathogens; to introduce the diseases caused by these microorganisms and to explain the diagnosis, treatment and prevention methods of these diseases. *(This course is given in Turkish.) Prerequisites: DHF106, DHF119 and DHF120.*

DHF209 Hareketli Protezler I (Removable Prosthodontics I) (5 credits) The purpose of this course is to present the basic principles and procedures related to removable prosthodontic treatment, and to

introduce the materials and the equipment used for fabrication of the dentures. The students will practice the techniques of removable prosthodontic restorations in the laboratory. *(This course is given in Turkish.) Prerequisites:DHF106, DHF119 and DHF120.*

DHF211 Sabit Protezler I (Fixed Prosthodontics I) (5 credits)The purpose of this course is to present the basic principles and procedures related to fixed prosthodontic treatment; to describe the materials and instruments used for fixed prosthodontic procedures, and to introduce intraoral optical impression devices and digital dentistry. The students will practice the techniques of fixed prosthodontic restorations in the laboratory. *(This course is given in Turkish.) Prerequisites:DHF106, DHF119 and DHF120.*

DHF213 Restoratif Diş Tedavisi I (Restorative Dentistry I) (5 credits)The purpose of this course is to present odontogenesis and the structural elements of the tooth; to introduce the clinical equipment, materials, handpieces and their uses, and to define ergonomics, cavity preparation techniques, biomaterials and their application techniques. It is aimed to develop students' understanding of theoretical knowledge through practical applications. *(This course is given in Turkish.) Prerequisites:DHF106, DHF119 and DHF120.*

DHF215 Endodonti I (Endodontics I) (5 credits) The purpose of this course is to present the essentials of endodontics; embryologic development of the teeth, anatomic and morphological properties of the root canal system in all tooth groups; endodontic instruments and their use in endodontic practice; the properties and clinical use of rubber-dam; general principles of endodontic access cavities, the root canal treatment procedures and the coronal restorations; the essentials and importance of endodontic radiography techniques. In the course, the students will practise the endodontic procedures on extracted teeth and phantom models in the laboratory to enhance basic practical skills in endodontics. *(This course is given in Turkish.) Prerequisites:DHF106, DHF119 and DHF120.*

DHF317 Oral Diağnoz II (Oral Diagnosis II) (3 credits) This course is designed to present the essentials of the diagnostic and systemic approach to the patient, and to reach the most accurate diagnosis by combining clinical and radiological findings.*(This course is given in Turkish.) Prerequisites:DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF319 Dental Anestezi (Dental Anesthesia) (1 credit) The purpose of this course is to describe the local anesthetic agents and the local anesthesia techniques in dentistry; to present the necessity and complications of the dental local anesthesia that may occur during and after anesthesia, and to define how to deal with these complications.This course also aims at assisting the students in patient practice of dental local anesthesia clinically. *(This course is given in Turkish.) Prerequisites:DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF318 Ağız, Diş ve Çene Radyolojisi II (3 credits) The purpose of this course is to describe the radiologic equipment, the essentials of extraoral radiographic techniques and the specialized techniques, as well. In this course, the radiographic techniques will be practiced by the students in clinical settings. *(This course is given in Turkish.) Prerequisites:DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF320 Maddeler Bilgisi II (Materials Science II) (1 credit)This course is designed to introduce specific information concerning prosthetic and restorative materials and their use in clinical and laboratory applications. Special attention will be given on indications, contraindications and clinical importance of the dental materials. *(This course is given in Turkish.) Prerequisites:DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF322 Arařtırma Metodolojisi I (Research Methodology I) (1 credit) The purpose of this course is to introduce research planning, steps and methodology, ways to reach the literature and effective reading of the literature. *(This course is given in Turkish.) Prerequisites:DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF301 Ağız, Diř ve ene Cerrahisi I(Oral and Maxillofacial Surgery I) (6 credits) The purpose of this course is to present the basic principles of oral and maxillofacial surgical applications, and to define the surgical instruments, operating room procedures and the patient management. In this course the students will clinically practice tooth extraction and patient follow-up procedure. *(This course is given in Turkish.) Prerequisites:DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF303 Pedodonti I (Pedodontics I) (4 credits) The purpose of this course is to present the essentials of the intra- and extra-oral examination of the pediatric patients; the different caries prevention techniques; the development and eruption of deciduous and permanent teeth. This course also aims to enable students with the skills in preventive dental procedures and learn the principles of operative and endodontic treatments in primary and young permanent dentition. *(This course is given in Turkish.) Prerequisites:DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF305Periodontoloji I (Periodontology I) (6 credits) The purpose of the course is to define the morphology, embryology, histology and physiology of periodontal tissues; the classification and epidemiology of periodontal diseases; pathogenesis of periodontal diseases; the principles of sterilization and control of the cross infection; the periodontal instrumentation with manual, sonic and ultrasonic instruments and irrigation; the morphological and anatomical factors that affect the periodontal treatments; the oral hygiene and instruction. *(This course is given in Turkish.) Prerequisites:DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF307 Ortodonti I (Orthodontics I) (6 credits) Course topics comprise introduction to orthodontics, basic growth and development of the face and cranium, normal and abnormal functions, primary dentition, transition to mixed dentition and permanent dentition and biology and histology of tooth movement. The goal of the applicational part of this course is to prepare students for the laboratory work related to removable orthodontic therapy. The wire bending exercises during course hours aim at making the student familiar with orthodontic pliers and wires, developing skills in different bending techniques, improving the students ability to imitate a given form or object perfectly and to realize 2- or 3-dimensional objects using the students own creativity. In addition, some diagnostic and radiographic analyses will be carried out. *(This course is given in Turkish.) Prerequisites:DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF309 Hareketli Protezler II(Removable Prosthodontics II)(4 credits) The purpose of this course is to emphasize the clinical principles and procedures related to removable prosthodontic treatment. The students will clinically practice the techniques of removable prosthodontic restorations on patients and in the laboratory. *(This course is given in Turkish.) Prerequisite:DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF311 Sabit Protezler II (Fixed Prosthodontics II) (4 credits) The purpose of this course is to emphasize the clinical principles and procedures related to fixed prosthodontic treatment. The students will clinically practice the techniques of fixed prosthodontic restorations on patients and in the laboratory. *(This course is given in Turkish.) Prerequisites:DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF313 Restoratif Diř Tedavisi II (Restorative Dentistry II) (4 credits) The purpose of this course is to present the etiology, the clinical symptoms, the prognosis and the prevention methods of dental hard tissue pathologies. The students will clinically practise removal of the dental caries and filling of

the dental cavities on patients. *(This course is given in Turkish.) Prerequisites: DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF315 Endodonti II (Endodontics II) (4 credits) The purpose of this course is to define the evaluation of the medical and dental history, and the clinical and radiographic findings in endodontic patients; diagnosis and endodontic therapy planning; sterilization and control of cross-infection; pulpal diseases and pulp necrosis; biomechanical preparation and disinfection of root canals; basic properties of root canal filling materials; root canal treatment procedures in teeth with vital or non-vital pulps, and iatrogenic failures in endodontics. The students will clinically perform root canal treatments of single-rooted teeth with vital pulps on endodontic patients. *(This course is given in Turkish.) Prerequisites: DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF321 Patoloji (Pathology) (5 credits) The purpose of this course is to define the cell structure, cellular damage and pathological changes of the connective and bone tissues; cystic lesions, tumors, benign and malignant neoplasms; macroscopic and microscopic findings of acute and chronic inflammation; immunological, genetic and systemic diseases. *(This course is given in Turkish.) Prerequisites: DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF323 Farmakoloji (Pharmacology) (4 credits) The purpose of this course is to describe general principles of pharmacology. Students define the rules of pharmacokinetics and pharmacodynamics in general before examining specific groups of drugs. They will have information about principles of prescribing, the rational use of drugs in dentistry, pharmacovigilance, pharmacogenetics, administration of the drugs and their side effects. *(This course is given in Turkish.) Prerequisites: DHF209, DHF211, DHF213, DHF215, DHF204 and DHF206.*

DHF417 Oral Diagnoz III (Oral Diagnosis III) (3 credits) This course is designed to present the essentials of the oral manifestation of systemic diseases and principles of treatment planning. *(This course is given in Turkish.) Prerequisites: DHF301, DHF303, DHF305, DHF307, DHF309, DHF311, DHF313, DHF315, DHF317, DHF318 and DHF319.*

DHF419 Medikal Diş Hekimliği I (Medical Dentistry II) (2 credits) The purpose of this course is to introduce basic information about Ophthalmology and the Ear Nose and Throat Diseases to enhance the knowledge of dentistry students in detecting the clinical symptoms, diagnosis and complications of these diseases related with dental treatments. *(This course is given in Turkish.) Prerequisites: DHF301, DHF303, DHF305, DHF307, DHF309, DHF311, DHF313, DHF315, DHF317, DHF318 and DHF319.*

DHF418 Ağız, Diş ve Çene Radyolojisi III (Dentomaxillofacial Radiology III) (3 credits) The purpose of this course is to present the essentials of the radioanatomy, anatomical variations and radiological findings of pathology. *(This course is given in Turkish.) Prerequisites: DHF301, DHF303, DHF305, DHF307, DHF309, DHF311, DHF313, DHF315, DHF317, DHF318 and DHF319.*

DHF420 Medikal Diş Hekimliği II (Medical Dentistry II) (2 credits) The purpose of this course is to introduce basic information about General Surgery and the Forensic Medicine and Forensic Odontology to enhance the students use these knowledge in the profession of dentistry. *(This course is given in Turkish.) Prerequisites: DHF301, DHF303, DHF305, DHF307, DHF309, DHF311, DHF313, DHF315, DHF317, DHF318 and DHF319.*

DHF422 Araştırma Metodolojisi II (Research Methodology II) (1 credit) The purpose of this course is to introduce research planning, steps and methodology, ways to reach the literature and effective

reading of the literature. *(This course is given in Turkish.) Prerequisites: DHF301,DHF303,DHF305,DHF307, DHF309, DHF311, DHF313, DHF315,DHF317, DHF318 and DHF319.*

DHF401 Ağız, Diş ve Çene Cerrahisi II (Oral and Maxillofacial Surgery II) (6 credits) The purpose of this course is to present the basic principles of advanced oral and maxillofacial surgery methods; to emphasize the principles and procedures related to prosthodontic and orthodontic treatments; to describe the oral and facial infections and their treatments. In this course the students will practice minor surgery under supervision and also attend to assist and observe major surgery clinically. *(This course is given in Turkish.) Prerequisites: DHF301,DHF303,DHF305,DHF307, DHF309, DHF311, DHF313, DHF315, DHF317, DHF318 and DHF319.*

DHF403 Pedodonti II (Pedodontics II) (4 credits) The purpose of this course is to describe and discuss the operative and endodontic treatments of dental caries in primary and young permanent dentitions, and to present dental anesthesia and tooth extraction in primary dentition. Oral manifestations of childhood illnesses, management of handicapped children and their dental problems are also important topics of this course. *(This course is given in Turkish.) Prerequisites: DHF301,DHF303,DHF305,DHF307, DHF309, DHF311, DHF313, DHF315, DHF317, DHF318 and DHF319.*

DHF405 Periodontoloji II (Periodontology II) (6 credits) The purpose of this course is to define the clinical and histopathological features and treatments of chronic and aggressive periodontitis; the effects of systemic conditions and diseases on periodontal tissues; the effects of periodontal diseases on human body; the pathology, etiology and treatment of periodontal abscess; the features, diagnosis and treatment of endodontic-periodontal lesions; the effects of occlusion on periodontal tissues; the classification of gingival recession; diagnosis, radiological evaluation and clinical risks of periodontal diseases; systematic of periodontal treatment and prognosis; basic principles of lasers in dentistry; the principles of periodontal surgery and periodontal surgery techniques; periodontal wound healing; mucogingival surgery; periodontal regeneration and reconstructive surgery, and perform periodontal non-surgical treatment and oral hygiene instruction practically on patients, as well. *(This course is given in Turkish.) Prerequisites: DHF301,DHF303,DHF305,DHF307, DHF309, DHF311, DHF313, DHF315, DHF317, DHF318 and DHF319.*

DHF407 Ortodonti II (Orthodontics II) (6 credits) This course is intended to give the student an introduction of orthodontic diagnosis, evaluation and treatment planning with the emphasis on the elements of orthodontics which the general practitioner should be familiar with in order to treat limited orthodontic cases. The student will learn to distinguish patients who can be treated by a general practitioner and those who will require referral to an orthodontist. The goal of the applicational part of this course is to prepare students for the laboratory work related to removable orthodontic therapy. All parts of a removable appliance will be fabricated separately and as part of an appliance. *(This course is given in Turkish.) Prerequisites: DHF301,DHF303,DHF305,DHF307, DHF309, DHF311, DHF313, DHF315, DHF317, DHF318 and DHF319.*

DHF409 İleri Protetik Tedaviler (Advanced Prosthodontics) (6 credits) The purposes of this course are to develop both practical skills and theoretical knowledge for various complicated clinical cases and to teach students digital dentistry workflow and their use in daily practice. The student will be able to design and produce dental restorations with CAD-CAM technology. *(This course is given in Turkish.) Prerequisites: DHF301,DHF303,DHF305,DHF307, DHF309, DHF311, DHF313, DHF315, DHF317, DHF318 and DHF319.*

DHF411 Ağız Hastalıkları ve Patolojisi (Oral and Maxillofacial Pathology) (4 credits) The purpose of this course is to define the pathologies and developmental symptoms with oral maxillofacial diseases;

to present the essentials of diagnosis and treatment of these diseases, and to describe the treatment complications of oral and maxillofacial pathologies. *(This course is given in Turkish.) Prerequisites: DHF301,DHF303,DHF305,DHF307, DHF309, DHF311, DHF313, DHF315, DHF317, DHF318 and DHF319.*

DHF413 Restoratif Diş Tedavisi III (Restorative Dentistry III) (4 credits) The purpose of this course is to present the developmental anomalies of the teeth and their treatment modalities; the tooth discoloration and the treatment; current approach for cavity preparations and adhesive restorations; the geriatric dentistry applications. *(This course is given in Turkish.) Prerequisites: DHF301,DHF303,DHF305,DHF307, DHF309, DHF311, DHF313, DHF315, DHF317, DHF318 and DHF319.*

DHF415 Endodonti III (Endodontics III) (6 credits) The purpose of this course is to define principles of endodontic emergency treatment; acute and chronic periapical diseases; differential diagnosis of endodontic and non-endodontic lesions; root resorptions; classification of dental trauma and injures of the hard and the soft dental tissues; endodontic treatment of developmental anomalies of the tooth; changes in pulp tissue with age; apexogenesis and apexification; restoration of endodontically treated teeth; procedural complications in endodontic therapy; retreatment; success and failure in endodontic therapy, and endodontic surgery. *(This course is given in Turkish.) Prerequisites: DHF301,DHF303,DHF305,DHF307, DHF309, DHF311, DHF313, DHF315, DHF317, DHF318 and DHF319.*

DHF503 Pedodonti III (Pedodontics III) (1 credit) The purpose of this course is to present the different traumatic injuries to the teeth and their treatments. Types of space maintainers and their use, hypodontia cases, periodontal problems, sedation techniques and new techniques in pediatric dentistry will also be presented and discussed in this course. *(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.*

DHF505 İleri Periodontoloji (Advanced Periodontology) (1 credit) The purpose of this course is to define surgical and nonsurgical laser treatments in periodontology; multidisciplinary approach on the dental and periodontal problems; periodontal microsurgery; advance periodontal treatments with different biomaterials, periodontal plastic surgery; dermatosis of periodontal tissues; supportive antimicrobial therapy; evidence-based dentistry and perform periodontal non-surgical and uncomplicated surgical treatments practically on patients. *(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.*

DHF507 Ortodonti III (Orthodontics III) (4 credits) This course is designed to introduce advanced orthodontic treatments and the techniques via case presentations. *(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.*

DHF509 Stomatografik Sistem Rahatsızlıkları ve Tedavileri (Stomatognathic System Disorders and Management) (1 credit) The purpose of this course is to assist the students to the mechanics and physiology of chewing system and its relationship with the surrounding tissues. *(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.*

DHF513 Estetik Diş Hekimliği (Esthetic Dentistry) (1 credit) The purpose of this course is to introduce the advanced restoration techniques; indirect restorations and laminate veneers, and the design of esthetic smiling. Esthetic dentistry techniques and the treatments of the massive hard tissue loss will be discussed via case presentations in the course.

(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.

DHF515 İleri Endodonti (Advanced Endodontics) (1 credit) The purpose of this course is to identify endo-perio lesions and their treatment; orofacial, pulpal and periapical pain; inflammation and infection; flare-up; revascularization and revitalization; clinical outcomes of apical and coronal microleakage; contemporary techniques in root canal instrumentation; intracoronary bleaching; use of magnification in endodontics; use of lasers in endodontics; endodontic relationship with other disciplines, and the endodontic therapy in medically-compromised patients. *(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.*

DHF519 Medikal Diş Hekimliği III (Medical Dentistry III) (2 credits) The purpose of this course is to introduce basic information about Neurology and Psychiatry to enhance the students use these knowledge in the profession of dentistry. *(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.*

DHF520 Medikal Diş Hekimliği IV (Medical Dentistry IV) (2 credits) The purpose of this course is to introduce basic information about Internal Medicine and Dermatology to enhance the students use these knowledge in the profession of dentistry. *(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.*

DHF522 Genel Anestezi (General Anesthesia)(1 credit) The purpose of this course is to define the basic properties of general anesthetic solutions, and to present sedation, general anesthesia, first aid principles, cardiopulmonary resuscitation and main health support. *(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.*

DHF524 Muayenehane Yönetimi ve Ergonomi (Dental Office Management and Ergonomics) (1 credit) The purpose of this course is to present the ergonomic working conditions in dental office; to introduce the legal, structural and administrative processes in dentistry; to assess the communication and presentation techniques, and the teamwork and leadership skills. *(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.*

DHF501 Çene Yüz Cerrahisi ve Protezi (Maxillofacial Surgery and Prosthodontics) (2 credits) The purpose of this course is to teach the students the surgical approaches towards maxillofacial trauma, defects and jaw fractures and to define related diagnosis and treatment methods together with the prosthetic rehabilitation of acquired and congenital maxillofacial defects. This course will be given in cooperation with the Department Oral and Maxillofacial Surgery and the Department of Prosthodontics. *(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.*

DHF511 Oral İmplantoloji (Oral Implantology) (2 credits) The purpose of this course is to give basis for prosthetic driven implantology concepts and help to plan a thorough treatment protocol for implant supported rehabilitations. This course will be given in cooperation with the Department of Prosthodontics and the Department of Oral and Maxillofacial Surgery. *(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.*

DHF517 Toplum Ağız Diş Sağlığı (Dental Public Health) (6 credits) The purpose of this course is to define and teach the implementation models that can source the national oral health policy, and to

educate the students in the field of protection and development of oral health. *(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.*

DHF521 Multidisipliner Klinik Eğitimi (Integrated Clinical Training) (24 credits) This course is designed for the last year students to gain practical training within the framework of a multidisciplinary approach to the patients, and perform the required holistic dental treatments of the patient at clinics. *(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.*

DHF523 Bitirme Tezi (Graduation Thesis) (1 credits) This course is designed for the last year students for preparation, writing, printing and oral presentation of the graduation thesis. *(This course is given in Turkish.) Prerequisites: DHF401,DHF403,DHF405,DHF407, DHF409, DHF411, DHF413, DHF415, DHF417 and DHF418.*

ELECTIVES

HEM107 Sağlıkta Kişiler Arası İlişkiler (Interpersonal Relationship in Health Services) (2 credits) The aim of this course is to provide the knowledge necessary to use during patient-nurse relationship. Students will study on the differences of professional and helping relationship. *(This course is given in Turkish.)*

ENG111 İngilizce I (English I) (3 credits) *(See General Education)*

ENG112 İngilizce II (English II) (3 credits) *(See General Education)*

ENG113 Akademik Okuma ve Yazma I (Academic Reading and Writing I) (3 credits) *(See General Education)*

ENG114 Akademik Okuma ve Yazma II (Academic Reading and Writing II) (3 credits) *(See General Education)*

ENG213.05 Akademik Dinleme ve Konuşma I (Academic Listening and Speaking I) (3 credits) *(See General Education)*

ENG214 Akademik Dinleme ve Konuşma II (Academic Listening and Speaking II) (3 credits) *(See General Education)*

FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES

Banking and Finance

About Program

The Banking and Finance Department offers a qualified undergraduate education in which all the courses are taught in English by our experienced academic staff in a way that theoretical knowledge is transferred into practice. After completion of a one-year English preparation class, the students take specific field courses that are full taught in English. Furthermore in the 5th and 6th semesters the students learn a mandatory second foreign language course (will be selected from Russian, Chinese, German and Arabic). By this means, the graduates of the program will be able to use their fluent English and second language they selected in their business lives. In order to adapt theoretical knowledge into practice, the students are required to hold a summer internship position at a company for 20 workdays in total after the 4th and 6th semesters are completed. Each student is obliged to propose an internship report to the department head at the end of each internship period. During the final year of the program, each student is required to write a graduation dissertation which ought to be applicable in real business life. The major benefit of our program is the flexibility that helps to train innovative students with analytical thinking skills that are ready to compete in international markets with technical and practical background and two foreign languages.

The Banking and Finance Program is aimed at training professional managers for the local and global markets and business environment who are talented, have social responsibility, possess high communication skills and open to continuous self-improvement.

Objectives

The Banking and Finance Program aims to train innovative, dynamic, entrepreneur graduates with analytical thinking skills for all financial markets and institutions and to strengthen theoretical framework on banking and finance issues with accounting, auditing, marketing, management and law. The total credits required for the satisfactory completion of the curriculum are 120 credits. The program additionally requires two internships each enduring 20 work days during summer following the second and the third year.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG113	Academic Reading and Writing I	Yes	Yes	2+2	3
TRD111	Turkish I	Yes	Yes	2 + 0	2
ATA111	History of Turkish Republic I	Yes	Yes	2 + 0	2
BUS111	Mathematics-I	Yes	Yes	3 + 0	3
BUS103	Introduction to Business	Yes	Yes	3+0	3
ECO103	Introduction To Economics I	Yes	Yes	3 + 0	3
CLP001	Career And Life Planning	Yes	Yes	0 + 2	1
Total:					17

[+] 1st Semester Elective Course List

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG114	Academic Reading and Writing II	Yes	Yes	2+2	3
TRD112	Turkish II	Yes	Yes	2 + 0	2
ATA112	History of Turkish Republic II	Yes	Yes	2 + 0	2
FNC102	Introduction to Banking and Finance	Yes	Yes	3+0	3
BUS112	Mathematics II	Yes	Yes	3 + 0	3
ECO104	Introduction To Economics II	Yes	Yes	3 + 0	3
Total					16

[+] 2th Semester Elective Course List

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
BUS211	Statistics I	Yes	Yes	3 + 0	3
BUS 205	Management and Organisation	Yes	Yes	3 + 0	3
BUS215	Business Law	Yes	Yes	3+0	3
FNC251	Financial Accouting	Yes	Yes	3 + 0	3
BUS220	Entrepreneurship	Yes	Yes	2+2	3
Total:					15

[+] 3rd Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
BUS2013	Business Communication & Ethics	No	Yes	3+0	3
ECO201	Intermadiate Microeconomics	No	Yes	3+0	3
FNC201	Financial Modelling	No	Yes	3+0	3

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
BUS212	Statistics II	Yes	Yes	3 + 0	3
BUS206	Human Resource Management	Yes	Yes	3 + 0	3
FNC254	Bank Accounting	Yes	Yes	3 + 0	3
	Elective(Technical)	No	Yes	3 + 0	3
	Elective (Technical)	Yes	Yes	3+0	3
Total:					15

[+] 4th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
HLT202	Occupational Health and Safety	No	Yes	3+0	3
LOG204	Business Logistics	No	Yes	3+0	3
FNC252	Managerial Accounting	No	Yes	3+0	3

*C: Compulsory
 **A: Average
 *** L + P: Lecture + Practice

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Second Foreign Language Elective	Yes	Yes	2+2	3
FNC307	Bank Management	Yes	Yes	3+0	3
FNC301	Fundamentals of Corporate Finance	Yes	Yes	3 + 0	3
	Elective (Technical)	No	Yes	3+0	3
	Elective Elective (Technical)	No	Yes	3+0	3
Total:					15

[+] 5th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Elective Foreign Language	No	Yes	2+2	3
ECO303	Managerial Economics	No	Yes	3+0	3
FNC309	Banking Operations	No	Yes	3+0	3
BUS301	Principles of Marketing	No	Yes	3+0	3
BUS303	International Business	No	Yes	3+0	3

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Second Foreign Language Elective	Yes	Yes	2+2	3
FNC304	Money & Banking	Yes	Yes	3 + 0	3
FNC312	Banking Regulations	Yes	Yes	3+0	3
	Elective (Technical)	No	Yes	3+0	3
	Elective (Technical)	No	Yes	3+0	3
Total:					15

[+] 6th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Elective Foreign Language	No	Yes	2+2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

FNC302	Financial Management	No	Yes	3 + 0	3
FNC308	Risk and Insurance	No	Yes	3+0	3
LAW384	Fundamentals of Commercial Law	No	Yes	3+0	3

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FNC413	Financial Reporting and Auditing	Yes	Yes	3+0	3
FNC417	Monetary Policy & Central Banking	Yes	Yes	3+0	3
	Elective (Technical)	No	Yes	3+0	3
	Elective (Technical)	No	Yes	3+0	3
	Elective (University/Technical/For. Lang)	No	Yes	3+0	3
Total:					15

[+] 7th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Elective University / Foreign Language	No	Yes	2+2	3
FNC401	International Finance and Derivates	No	Yes	3 + 0	3
FNC405	Financial Analysis	No	Yes	3 + 0	3
ECO401	Turkish Economy	No	Yes	3 + 0	3
BUS451	Microfinance and Social Business I	No	Yes	3 + 0	3
BUS409	Consumer Behavior	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Elective (University/Technical/For. Lang)	No	Yes	3+0	3
	Elective (Technical)	No	Yes	3+0	3
	Elective (Technical)	No	Yes	3+0	3
	Elective (Technical)	No	Yes	3+0	3
Total:					12

[+] 8. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Elective University / Foreign Language	No	Yes	2+2	3
FNC412	Banking Risk Management	No	Yes	3+0	3
FNC402	Finanvail Markets and Institutions	No	Yes	0+6	3
BUS452	Microfinance and Social Business II	No	Yes	3+0	3
ECO402	Current Economic Issues	No	Yes	3+0	3
FNC408	Investment Analysis and Portfolio Management	No	Yes	3+0	3
FNC444	Graduation Project	No	Yes	0+6	3
FNC490	Practice in Business Environment	No	Yes	0+24	12
Grand Total					120

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

TRD111 Turkish I (2 credits) *(See General Education)*

ATA111 History of Turkish Revolution I (2 credits) *(See General Education)*

BUS111 Mathematics I (3 credits) *(See General Education)*

BUS103 Introduction to Business (3 credits) *(See General Education)*

ENG113 Academic Reading and Writing I (3 credits) *(See General Education)*

ENG114 Academic Reading and Writing II(3 credits) *(See General Education)*

ECO103 Introduction to Economics I (3 credits) *(See General Education)*

TRD112 Turkish II (2 credits) *(See General Education)*

ATA112 History of Turkish Revolution II (2 credits) *(See General Education)*

FNC102 Introduction to Banking and Finance (3 credits) *(See General Education)*

BUS112 Mathematics II (3 credits) *(See General Education)*

ECO104 Introduction to Economics II (3 credits) *(See General Education)*

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

BUS211 Statistics I (3 credits) The course objective of this course is to equip students with an understanding of descriptive statistics and analytical thinking. Discussions will range from key concepts to useful data resources. Among topics covered are: Data collection, summarizing and presenting techniques, probability theory, discrete and continuous random variables, discrete probability distribution, continuous probability distribution and sampling distributions.

BUS205 Management and Organizaiton (3 credits) The objective of this course is to define the terms Management and Organizational Behavior relate to a considerable breadth and depth of topics relative to both the business world and the construction management industry. We often hear terms such as change agent, accountability, ethical conduct, paradigm shift, team building, culture and a plethora of others. The terms may seem strange in the macho world of construction however; an appreciation for these concepts is crucial to becoming a successful construction manager. This course will seek to enhance your understanding of management principles and organizational behavior theories and their relationship to the construction management profession.

BUS215 Business Law (3 credits) The objective of this course is to inform students about the main subjects and principles of the business law. Through chapters, readings, and case analyses, issues related to the concept and sources of commercial law, the actors recognized in business, the law of enterprises, law of negotiable instruments and law of companies will be discussed. Furthermore, students will focus on contracts and torts liability, as well as dispute resolution mechanisms. All these issues will be analyzed within the context of Turkish and European Law.

FNC251 Financial Accounting (3 credits) The objective of the course is exploring the importance of using financial accounting data in decision-making. Students are introduced to the importance of such data to decision-making by discussing the principles and basic applications of financial accounting.

BUS212 StatisticsII (3 credits) The objective of this course is to equip students with an understanding of inferential statistics (i.e. making valid generalizations for the entire population using sample data) and analytical thinking. Discussions will range from key concepts to useful data resources. Among topics covered are: Sampling distribution, estimation, hypothesis testing and simple regression analysis. *Prerequisite: BUS211.*

BUS206 Human Resource Management (3 credits) This course is designed to prepare students to be managers for the increasingly competitive business world. The students will be able to identify human resource management and explain how HRM contributes to an organization's performance and also recognize the importance of hiring and developing employees so that they become more valuable to the organization.

BUS220 Entrepreneurship (3 credits) (*See General Education*)

FNC254 Bank Accounting (3 credits) The objective of the course is exploring the importance of using financial accounting data in decision-making. Students are introduced to the importance of such data to decision-making by discussing the principles and basic applications of financial accounting.

FNC307 Bank Management (3 credits) The course aims to introduce students overview and general information about managing techniques of financial sector companies and the role of the senior managers for bank management. In this respect the attendees will be informed about the functions of banks and their services; organization and structure and understanding the management problems while deciding on the structuring the financial statements of a bank. By this approach, they will be capable of measuring and evaluation of bank performance; asset and liability management and managing all types of risks, and mainly how to control the management of the bank's investment function and liquidity position.

FNC301 Fundamentals of Corporate Finance (3 credits) (*See General Education*)

FNC304 Money and Banking (3 credits) (*See General Education*)

FNC312 Banking Regulations (3 credits) The course aims to introduce students overview and general information about regulations which are governing the activities in financial sector. It provides information about regulatory restrictions of banking activities. In this respect the attendees will be informed about the regulatory framework of banking activities.

FNC413 Financial Reporting and Auditing (3 credits) This course is giving basic information at introductory level of Financial Reporting & Audit. It encompasses many principles and procedures to understand how the auditors use them to assess appropriateness and to gather evidence to support the opinion expressed in the “Auditor’s Report”. This introductory course covers the basic concepts on accounting principles and IFRS related financial reports. It’s known that proper and reliable accounting is too important to managers, organizations, and societies. On the other hand accounting activities are usually left to accountants alone. However, accounting information is often the basis for critical decisions. Therefore, accounting reports are often the basis on which the effectiveness of strategic decisions. The actions in the company are evaluated in this respect. Furthermore, this course shows to participants about the involvement of company with various types of audits. Also, it gives to participant a flavour of basic emphasis on the application of auditing standards and techniques used in Statutory Audits, Procedural Audits and Operational (Internal) Auditing with references to special areas of auditing such as Information Systems, government auditing, etc.

FNC417 Monetary Policy and Central Banking (3 credits) The objective of this course is to introduce the basics of the monetary policy. The goals of a central bank and its balance sheet, the money supply process, the determination of interbank rate in the Market for Reserves and tools of monetary policy are among the vital aspects of the course. The focus then will be directed to the distinction between monetary and interest-rate targeting policies through time. The course also aims to specify the monetary policy in terms of international finance perspective. In this respect, a thorough analysis of the effect of monetary policy on the exchange rate determination will be undertaken. After the introduction of the aggregate demand and supply framework, the main focus will be on the transmission mechanisms of monetary policy. Then the discussion of the relationship between money and inflation follows. Finally, the discussion of money creation along with the strong emphasis on recent financial crisis and monetary easing policy in US concludes the course.

ELECTIVES

BUS213 Business Communications and Ethics (3 credits) (*See General Education*)

FNC201 Financial Modeling (3 credits) The objective of this course is to introduce the basics of spreadsheet modelling for selected financial phenomena. The course starts with specifics of Excel in terms of enhancing spreadsheet skills. Then it is to cover the analysis of bond and stock valuations. Then a thorough treatment of portfolio optimization follows. Finally, the course concludes with the spreadsheet analysis of futures and options trading strategies.

HLT202 Occupational Health and Safety (3 credits) The purpose of this course is to define these contents: The Concept of Occupational Health and Its Development, Work and Health Relationship, Principles of the Application of Occupational Health, Occupational Illnesses and Prevention Methods, Ergonomics, Accidents at Work, Legislations in the Health Sector.

FNC252 Managerial Accounting (3 credits) The objective of the course is exploring the importance of using cost and financial accounting data in decision-making. Students are introduced to the importance of such data to decision-making by discussing the principles and basic applications of cost and financial accounting.

FNC309 Banking Operations (3 credits) The course aims to introduce students overview and general information about operational transactions at financial sector vehicles and the role of the banks. In this respect the attendees will be informed about the functions of banks and their services; review the bank

operation products, understanding their impacts on financial statements of a bank. By this approach, they will be capable of understanding the banking operations and respective products.

BUS303 International Business (3 credits) This course is designed to prepare students to be managers for the increasingly competitive business world. The emphasis of this course will be on the international business environment and the challenges of the multinational enterprise (MNE) in crafting global business strategies. Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about trade and investment, global strategy, structure and implementation, world financial environments, managing international operations. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills.

BUS301 Principles of Marketing (3 credits) The purpose of this course is to introduce students the marketing principles and concepts. Upon successful completion of this class, students will have knowledge of marketing strategy, marketing environment, marketing research, target market and segmentation, marketing mix strategies, and global marketing.

FNC302 Financial Management (3 credits) The objective of this course is to introduce the students to the specifics of financial management. These include the in-depth analysis of capital budgeting with regard to capital investment decisions and project evaluation. The emphasis, then, shifts to the basic lessons derived from the capital market history: the risk premium and the variability of returns. A careful treatment of the systematic and unsystematic components of the risk will be followed by one of the most important concepts in financial management: Security Market Line. These are to analyze the subtle relationship among the concepts of required rate of return, discount rate and cost of capital. Then the scrutiny of weighted average cost capital is to provide a powerful insight concerning that the subjectivity on the exogenous determination of discount rates or required rate of returns are no more needed. Finally the course concludes with the financing decisions of long-term investments such as how to raise capital and how to handle financial structure and capital structure policies.

FNC308 Risk and Insurance (3 credits) Risk Management and Insurance course is focusing primarily on the consumers of insurance, and blending basic risk management and insurance principles with consumer considerations. The lectures provide an in-depth treatment of major risk management and insurance topics. Coverage includes a discussion of basic concepts of risk and insurance, introductory and advanced topics in risk management, functional and financial operations of insurers, legal principles, life and health insurance, car & property and liability insurance, employee benefits, and social insurance. This introductory course covers the basic concepts and explains the necessary approaches to risks and mitigation of risks as well as creating risk awareness for students. Furthermore, this course leads the participants to make researches about the risks of company with various types of probabilities. Also, it gives to participant a flavor of the tools that protect the company from arising risks.

FNC401 International Finance and Derivatives (3 credits) The main objective of this course is to explore the primary theoretical and practical concepts that dominate international financial markets and those that should be taken into consideration during international risk management and investment decisions. The purpose of this course is to acquaint students about the essential skills as well as to provide students with the adequate practical and theoretical background regarding international finance and derivatives that can further be used in professional or academic career. The course is structured in such a manner so that students can acquire these necessary skills to conduct a sophisticated assessment of current issues and debates covered by popular media as well as more specialized finance journals.

FNC405 Financial Analysis (3 credits) The purpose of this course is to examine the processes and methods of financial analysis. The means of analysis range from computation of ratios and cash flow measures to earnings prediction and equity valuation. It demonstrates how analysis tools and techniques enhance users' decisions—including company valuation and lending decisions. It shows how financial statement analysis reduces uncertainty and increases confidence in business decisions.

BUS409 Consumer Behavior (3 credits) The purpose of this course is to develop an understanding of consumer behavior from a variety of perspectives (multicultural, interdisciplinary, etc.) and how marketing research, marketing strategy, and basic research on intra- and interpersonal processes play multiple roles in the discipline of marketing. Further, the course examines the peoples' consumption-related behaviors and evaluates the marketing strategies intended to influence those behaviors.

ECO401 Turkish Economy (3 credits) The purpose of this course is to provide students a general view of the Turkish economy within a historical context. Dynamics and main issues of the Turkish economy will be dealt with from a historical and analytical perspective. The course content constitutes of the economic conditions and policies in the late-Ottoman period, establishment of the Turkish Revolution, Great Depression years, protectionist policies and 'etatism' in the 1930s, Second World War period, reconstruction period after the war and Turkey's integration with the world economy, economic planning and import-substitution model in the 1960s, economic stagnation and foreign debt crisis in the 1970s, new economic programme in the 1980s, trade liberalisation, financial liberalisation, the economic crises from the 1990s onwards, current issues of the Turkish economy.

BUS451 Microfinance and Social Business I (3 credits) (*See General Education*)

FNC412 Banking Risk Management (3 credits) The course aims to introduce students overview and general information about how risks are identified, quantified in terms of their impact on earnings, monitored and managed within banks. The students will become better equipped to: Identify and quantify the bank's vulnerability to credit, market, liquidity, operational, regulatory and reputational risks. On the other hand, they will understand and learn best practice procedures to monitor and manage these risks and their impact on revenues of the bank. The course also provides information about possible impacts of these risks to management of bank capital.

FNC402 Financial Markets and Institutions (3 credits) (*See General Education*)

BUS452 Microfinance and Social Business II (3 credits) (*See General Education*)

ECO402 Current Economic Issues (3 credits) The objective of this course is to introduce the basics of financial markets and institutions. The mechanics of bond and stock markets are thoroughly analyzed. The specifics of financial crisis are undertaken in accordance with the asymmetric information problems in the financial markets. The remaining part of the course covers the Money Markets, the Mortgage Markets, the Mutual Funds and the Investment Banking along with a special emphasis on the 2007-2009 Financial Crisis.

FNC408 Investment Analysis and Portfolio Management (3 credits) The objective of this course is to introduce the specifics of the investment environment and portfolio management. After a careful treatment of the investment environment along with a special emphasis on the fund management, the course starts to build the pillars of portfolio management. The scrutiny of constructing minimum variance portfolios will be followed by thorough treatment of index models. Then the emphasis turns to

the Capital Asset Pricing Model and the Arbitrage Pricing Theory. Finally, the course concludes with the in-depth analysis of Efficient Market Hypothesis with regard to portfolio management issues raised through the whole semester.

Business Administration (Turkish) (English)

About Program

Education of Business Administration is based on basic concepts about determining and realizing aims accurately, efficient use of resources, strategic management, improvement of organization and general management, manufacturing and service management, financing, accounting, marketing, and human resources management. The mission of the Department of Business Administration is to introduce the students with the information necessary for effective and profitable management of private and public companies by being adapted to the changing market conditions.

The number of companies operating in the international arena is increasing in today's global world markets. For this reason, it is very important in the Business Administration Education to educate manager candidates who can take an active role in the international arena. International Trade, International Logistics, International Relations and Business Administration departments work in coordination and the Department of Business Administration allows students to take courses from different departments. The medium of education is Turkish with a compulsory English preparation class. Our students can benefit from double major and minor programs.

Our graduates possibly will be employed in different fields. They might work in departments such as marketing, sales, purchasing, human resources, finance and accounting in national and international companies acting in banking, FMCG, insurance, healthcare, automotive, information technology, consulting, food sectors and etc.

Objectives

The Business Administration Program aims at determining business objectives and the utilization of resources effectively by teaching students the fundamental concepts of strategic planning, finance, accounting, marketing, human resources management, management information systems and related areas so that its graduates can effectively manage companies and other institutions within changing market conditions.

The total credits required for the satisfactory completion of the curriculum are 120 credits. The program additionally requires one internship each enduring 20 work days.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG113	Academic Reading and Writing I	Yes	Yes	2+2	3
ATA111	History of Turkish Revolution I	Yes	Yes	2 + 0	2
BUS111	Mathematics-I	Yes	Yes	3 + 0	3
TRD111	Turkish I	Yes	Yes	2 + 0	2
BUS103	Introduction to Business	Yes	Yes	3+0	3
ECO103	Introduction To Economics I	Yes	Yes	3 + 0	3
CLP001	Career And Life Planning	Yes	Yes	0 + 2	1

Total :	17
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[+] 1st Semester Elective Course List

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG114	Academic Reading and Writing II	Yes	Yes	2+2	3
ATA112	History of Turkish Revolution II	Yes	Yes	2 + 0	2
BUS112	Mathematics II	Yes	Yes	3 + 0	3
TRD112	Turkish II	Yes	Yes	2 + 0	2
ECO104	Introduction To Economics II	Yes	Yes	3 + 0	3
BUS104	Introduction to Management & Organization	Yes	Yes	3+0	3
Total					16

[+] 2nd Semester Elective Course List

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
BUS213	Business Communication & Ethics	Yes	Yes	3+0	3
BUS215	Business Law	Yes	Yes	3+0	3
BUS211	Statistics I	Yes	Yes	3 + 0	3
FNC251	Financial Accounting	Yes	Yes	3 + 0	3
BUS220	Entrepreneurship	Yes	Yes	3 + 0	3

Total :	15
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[+] 3rd Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective	Yes	Yes	2+2	3

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FNC252	Managerial Accounting	Yes	Yes	3 + 0	3
BUS206	Human Resource Management	Yes	Yes	3 + 0	3
BUS212	Statistics II	Yes	Yes	3 + 0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3

Total :	15
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[+] 4th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective	Yes	Yes	2+2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Second Foreign Language Elective I	Yes	Yes	2+2	3
BUS301	Principles of Marketing	Yes	Yes	3 + 0	3
FNC301	Fundamentals of Corporate Finance	Yes	Yes	3 + 0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3

Total :	15
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[+] 5th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
BUS303	International Business	Yes	Yes	3+0	3
BUS311	Organizational Behavior	Yes	Yes	3+0	3
BUS321	Quantative Desicion Making	Yes	Yes	3+0	3
TRA307	Foreign Trade Strategies	Yes	Yes	3+0	3
IR305	International Organizations	Yes	Yes	3+0	3

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Second Foreign Language Elective II	Yes	Yes	2+2	3
BUS304	Marketing Management	Yes	Yes	3 + 0	3
FNC302	Financial Management	Yes	Yes	3 + 0	3
BUS308	Operations Management	Yes	Yes	3 + 0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3 + 0	3
Total:					15

[+] 6th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
FNC304	Money and Banking	Yes	Yes	3+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

LOG310	Production and Inventory Management	Yes	Yes	3+0	3
TRA302	Financing Foreign Trade	Yes	Yes	3+0	3
IR302	Modernization in Turkey	Yes	Yes	3+0	3

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
BUS403	Project Management in Business	Yes	Yes	3+0	3
BUS413	Strategic Management	Yes	Yes	3+0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3

Total :					15
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[+] 7th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective	Yes	Yes	2+2	3
FNC401	International Finance and Derivatives	Yes	Yes	3+0	3
FNC405	Financial Analysis	Yes	Yes	3+0	3
ECO401	Turkish Economy	Yes	Yes	3+0	3
BUS409	Consumer Behavior	Yes	Yes	3+0	3
BUS411	Marketing Communication	Yes	Yes	3+0	3
BUS451	Microfinance and Social Business I	Yes	Yes	2+2	3
LOG423	Logistics Information Systems	Yes	Yes	3+0	3
TRA407	Communication with Market and E-Business	Yes	Yes	3+0	3
IR409	Contemporary Issues in Turkish Politics	Yes	Yes	3+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3
Total:					12

[+] 8th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective	Yes	Yes	2+2	3
BUS404	Customer Relations Management	Yes	Yes	3+0	3
BUS406	International Marketing	Yes	Yes	3+0	3
BUS444	Graduation Project	Yes	Yes	0+6	3
BUS452	Microfinance and Social Business II	Yes	Yes	2+2	3
BUS454	Social Entrepreneurship	Yes	Yes	2+2	3
ECO402	Current Economic Issues	Yes	Yes	3+0	3
BUS490	Practice in Business Environment	Yes	Yes	0+24	12
Grand Total					120

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

ENG113 Academic Reading and Writing I (3 credits) *(See General Education)*

TRD111 Turkish I (2 credits) *(See General Education)*

ATA111 History of Turkish Revolution I (2 credits) *(See General Education)*

BUS103 Introduction to Business (3 credits) *(See General Education)*

BUS111 Mathematics I (3 credits) *(See General Education)*

ENG114 Academic Reading and Writing II (3 credits) *(See General Education)*

TRD112 Turkish II (2 credits) *(See General Education)*

ATA112 History of Turkish Revolution II (2 credits) *(See General Education)*

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

BUS213 Business Communication and Ethics (3 credits) *(See General Education)*

BUS215 Business Law (3 credits) The objective of this course is to inform students about the main subjects and principles of the business law. Through chapters, readings, and case analyses, issues related to the concept and sources of commercial law, the actors recognized in business, the law of enterprises, law of negotiable instruments and law of companies will be discussed. Furthermore, students will focus on contracts and torts liability, as well as dispute resolution mechanisms. All these issues will be analyzed within the context of Turkish and European Law.

BUS211 Statistics I (3 credits) The course objective of this course is to equip students with an understanding of descriptive statistics and analytical thinking. Discussions will range from key concepts to useful data resources. Among topics covered are: Data collection, summarizing and presenting techniques, probability theory, discrete and continuous random variables, discrete probability distribution, continuous probability distribution and sampling distributions.

FNC251 Financial Accounting (3 credits) The objective of the course is exploring the importance of using financial accounting data in decision-making. Students are introduced to the importance of such data to decision-making by discussing the principles and basic applications of financial accounting.

BUS206 Human Resource Management (3 credits) This course is designed to prepare students to be managers for the increasingly competitive business world. The students will be able to identify human resource management and explain how HRM contributes to an organization's performance and also

recognize the importance of hiring and developing employees so that they become more valuable to the organization.

BUS212 Statistics II (3 credits) The objective of this course is to equip students with an understanding of inferential statistics (i.e. making valid generalizations for the entire population using sample data) and analytical thinking. Discussions will range from key concepts to useful data resources. Among topics covered are: Sampling distribution, estimation, hypothesis testing and simple regression analysis. *Prerequisite: BUS211.*

FNC252 Managerial Accounting (3 credits) The objective of the course is exploring the importance of using cost and financial accounting data in decision-making. Students are introduced to the importance of such data to decision-making by discussing the principles and basic applications of cost and financial accounting.

BUS301 Principles of Marketing (3 credits) The purpose of this course is to introduce students the marketing principles and concepts. Upon successful completion of this class, students will have knowledge of marketing strategy, marketing environment, marketing research, target market and segmentation, marketing mix strategies, and global marketing.

FNC301 Fundamentals of Corporate Finance (3 credits) The objective of this course is to introduce the basics of corporate finance. The specifics of financial statements, ratio analysis and long-term planning will be followed by careful treatment of the time value of money concept. Given the minimum requirements for a thorough analysis of capital structure and capital budgeting, the next step is to make a clear distinction how a corporation finance and decide on its projected long-term investments. In this respect bond and stock markets are to be analyzed. Finally, the course concludes with a thorough analysis of capital budgeting methods.

BUS304 Marketing Management (3 credits) The aim of this course is to explain students the fundamental principles and concepts of marketing management. Upon successful completion of this class, students will have knowledge of strategic planning and developing marketing strategy, analyzing the environment and managing market information, understanding consumer and business markets, developing customer driven marketing strategy, delivering value by product development, pricing, distribution, and promotion strategies, creating competitive advantage and implementing global marketing tools.

BUS308 Operations Management (3 credits) This course covers operations management topics including demand forecasting, operations strategy, operations planning, inventory management, quality management and project scheduling.

FNC302 Financial Management (3 credits) The objective of this course is to introduce the students to the specifics of financial management. These include the in-depth analysis of capital budgeting with regard to capital investment decisions and project evaluation. The emphasis, then, shifts to the basic lessons derived from the capital market history: the risk premium and the variability of returns. A careful treatment of the systematic and unsystematic components of the risk will be followed by one of the most important concepts in financial management: Security Market Line. These are to analyze the subtle relationship among the concepts of required rate of return, discount rate and cost of capital. Then the scrutiny of weighted average cost capital is to provide a powerful insight concerning that the subjectivity on the exogenous determination of discount rates or required rate of returns are no more

needed. Finally the course concludes with the financing decisions of long-term investments such as how to raise capital and how to handle financial structure and capital structure policies.

BUS403 Project Management in Business (3 credits) This course covers project management topics including planning, budgeting, controlling and leading projects. Students will be able to use a project management software package to manage projects.

BUS413 Strategic Management (3 credits) The objective of this course is to introduce the key concepts, tools, and principles of strategy formulation and competitive analysis. It is concerned with managerial decisions and actions that affect the performance and survival of business enterprises. The course is focused on the information, analyses, organizational processes, and skills and business judgment managers must use to devise strategies, position their businesses, define firm boundaries and maximize long-term profits in the face of uncertainty and competition. Strategic Management is an integrative and interdisciplinary course. It assumes a broad view of the environment that includes buyers, suppliers, competitors, technology, the economy, capital markets, government, and global forces and views the external environment as dynamic and characterized by uncertainty. In studying strategy, the course draws together and builds on all the ideas, concepts, and theories from your functional courses such as Accounting, Economics, Finance, Marketing, Organizational Behavior, and Statistics.

ECO103 Introduction to Economics I (3 credits) This is an introductory microeconomics course. The aim of this module is to develop an understanding of elementary microeconomic analysis and its applications. By the end of the term, the student will have acquired a basic understanding of the main microeconomic topics, including analysis of the consumer, the firm, the economics of public sector and product markets. The material covered as part of this course will help students to organize their ideas about economics

ECO104 Introduction to Economics II (3 credits) This is an introductory macroeconomics course. The aim of the course is to develop an understanding of elementary macroeconomic analysis and its applications. By the end of the term, the student should have acquired a basic understanding of the main macroeconomic topics, including national income, aggregate demand and supply, an introduction to the real economy and money and prices in the long run and some basic concepts about inflation and unemployment trade-off. The material covered in this course will help the student to organize his/her ideas about economics. The lecturer will put less emphasis on algebraic modelling techniques and more room for contextual discussions. This course in macroeconomics will include critical issues such as macroeconomic stabilization, distributional equity, the quality of employment, environmental considerations, the adequacy of living standards. This course will cover standard concepts and models, focuses on the crucial aspects of human well-being. The course also includes serious investigation of the environmental impacts of economic growth and the role of unpaid work in economic life.

BUS104 Introduction to Management and Organization (3 credits) The objective of this course is to define the terms Management and Organizational Behavior relate to a considerable breadth and depth of topics relative to both the business world and the construction management industry. We often hear terms such as change agent, accountability, ethical conduct, paradigm shift, team building, culture and a plethora of others. The terms may seem strange in the macho world of construction however; an appreciation for these concepts is crucial to becoming a successful construction manager. This course will seek to enhance your understanding of management principles and organizational behavior theories and their relationship to the construction management profession.

BUS112 Mathematics II (3 credits) (*See General Education*)

BUS220 Entrepreneurship (3 credits) *(See General Education)*

ELECTIVES

BUS303 International Business (3 credits) This course is designed to prepare students to be managers for the increasingly competitive business world. The emphasis of this course will be on the international business environment and the challenges of the multinational enterprise (MNE) in crafting global business strategies. Through chapters, readings and case analysis we will discuss issues related to comparative environmental framework, theories and institutions about trade and investment, global strategy, structure and implementation, world financial environments, managing international operations. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills.

BUS311 Organizational Behavior (3 credits) Organizations and teams are fundamentally a collection of people who are working together towards one or more common goals or, as one scholar put it, “The people make the place.” Therefore, a comprehensive understanding of people and human relationships in a workplace context is vital to the short-term and long-term viability of any enterprise. This class is designed to combine theory and practice in order to bring about a better understanding how individuals, teams, and organizations function. Particular emphasis is placed on the role of leaders in organizations.

BUS321 Quantitative Decision Making (3 credits) The purpose of this course is to know the general aspects of quantitative analysis In this course, research methods, The quantitative analysis approach, regression models, forecasting, linear programming, goal programming, decision analysis, game theory will be explained in details.

TRA307 Foreign Trade Strategies (3 credits) The purpose of this course is to design to prepare students to be managers for the increasingly competitive international trade world. The emphasis of this course will be on approaches to and, operations and procedures of insurance. Through chapters, readings, and case analyses, we will discuss issues related to basic theoretical approaches to insurance, terms of trade or Incoterms, terms of payment, international commercial documents. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills.

IR305 International Organizations (3 credits) *(See General Education)*

FNC304 Money and Banking (3 credits) *(See General Education)*

LOG310 Production and Inventory Management (3 credits) The purpose of this course is considering basic production planning and inventory management methods and models for understating and solving the quantitative problems, including quality perspective. Production/inventory management is one of the basic functions in a manufacturing environment. Different production systems, product quality, capacity planning, production planning methods and productivity concepts will be examined. This course also aims to describe the usage of the inventory models. The factors that affect the calculation of order quantity and levels, optimum stock levels and inventory classification methods will be explained. Students will learn the factors which results the inventory costs and effective resource usage. Given interim projects aim to progress the presentation and communication skills of the students.

TRA302 Financing International Trade (3 credits) The purpose of this course is to prepare students to learn how to identify the need of foreign trade, the different kinds of foreign trade product , how to approach to the best appropriate choice, as well as assessing various risks to bank, buyer and sellers at international trade transactions. Students will also gain the ability to understand and identify ways of analyzing the underlying risks associated with trade finance transactions. They will be trained to find-out how to carry out the processes involved international payment terms especially in open accounts, documentary collections, letters of credit and international contract guarantees. In addition to all these students will be provided information about other types of international trade financing techniques such as buyers credit, government incentives, export credit agency facilities, project financing and also various financing alternatives through Turkish Eximbank products. Furthermore, the students will see some other financing products like factoring, leasing and acceptance credits. Through chapters, readings, and case analyses, we will discuss issues related to comparison of environmental framework between theories and reality.

IR302 Modernization in Turkey (3 credits) The purpose of this course is to explore different aspects of the process of modernization in Turkey by focusing on socio-economic, cultural and religious changes since the formation of the nation-state. During the course, historical and sociological roots of issues such as Westernization, development, underdevelopment, national identity, citizenship, minorities and secularism are discussed with reference to their relation with the process of modernization. Students will be also acquainted with different theoretical frameworks explaining “modernization”.

FNC401 International Finance and Derivatives(3 credits) The main objective of this course is to explore the primary theoretical and practical concepts that dominate international financial markets and those that should be taken into consideration during international risk management and investment decisions. The purpose of this course is to acquaint students about the essential skills as well as to provide students with the adequate practical and theoretical background regarding international finance and derivatives that can further be used in professional or academic career. The course is structured in such a manner so that students can acquire these necessary skills to conduct a sophisticated assessment of current issues and debates covered by popular media as well as more specialized finance journals.

FNC405 Financial Analysis (3 credits) The purpose of this course is to examine the processes and methods of financial analysis. The means of analysis range from computation of ratios and cash flow measures to earnings prediction and equity valuation.It demonstrates how analysis tools and techniques enhance users’ decisions—including company valuation and lending decisions. It shows how financial statement analysis reduces uncertainty and increases confidence in business decisions.

ECO401 Turkish Economy (3 credits) The purpose of this course is to provide students a general view of the Turkish economy within a historical context. Dynamics and main issues of the Turkish economy will be dealt with from a historical and analytical perspective.The course content constitutes of the economic conditions and policies in the late-Ottoman period, establishment of the Turkish Republic, Great Depression years, protectionist policies and ‘etatism’ in the 1930s, Second World War period, reconstruction period after the war and Turkey’s integration with the world economy, economic planning and import-substitution model in the 1960s, economic stagnation and foreign debt crisis in the 1970s, new economic programme in the 1980s, trade liberalisation, financial liberalisation, the economic crises from the 1990s onwards, current issues of the Turkish economy.

BUS409 Consumer Behavior (3 credits) The purpose of this course is to develop an understanding of consumer behavior from a variety of perspectives (multicultural, interdisciplinary, etc.) and how marketing research, marketing strategy, and basic research on intra- and interpersonal processes play

multiple roles in the discipline of marketing. Further, the course examines the peoples' consumption-related behaviors and evaluates the marketing strategies intended to influence those behaviors.

BUS411 Marketing Communication (3 credits) The purpose of this course is to develop an appreciation and understanding of the individual elements of the marketing communication mix: with particular emphasis on advertising and direct marketing, and including interactive media, sales promotion and public relations. Further, the course examines how these may be managed as an integrated programme to implement and support the marketing strategy.

BUS451 Microfinance and Social Business I (2 credits) The objective of the course is for students to gain a better understanding of the different aspects of both social business and microfinance and how successful examples from global and Turkish cases change the poverty structure. Guest speakers with field experience will highlight the social business horizons. Students will also be exposed to the business strategies focused on alleviating a social problem with their own business plans.

IR409 Contemporary Issues in Turkish Politics (3 credits) The purpose of this course is to give students the ability to analyze the political issues. In line with this objective, the course will focus on the Contemporary Issues in Turkish political life. The course will cover historical development of political institutions/political parties and political culture; issues related with religion, ethnicity, gender, military-state relations, and Turkish Constitution; the role of civil society, NGOs and Media in consolidation of democracy, recent changes will also be examined.

LOG423 Logistics Information Systems (3 credits) The purpose of this course is to study the theories and practices of information systems. Students will analyze the essential characteristics of organizational rules, business processes, and logistics related information systems and technologies.

TRA407 Marketing Communication and E-Business (3 credits) The purpose of this course is to study the structure and dynamics of international trade within an evolving world economy from the perspective of a developing country, especially Turkey. Students will analyze the essential characteristics of foreign trade structures of developing countries within recent periods of world economy.

BUS404 Customer Relationship Management (3 credits) The aim of this course is to explain students the fundamental principles and concepts of customer relationship management. Upon successful completion of this class, students will have knowledge of CRM and CRM applications, how CRM fits into overall marketing strategy, customer data integration and requirements, CRM systems and sales force automation applications, CRM integration with marketing automation, and the importance of ethics and privacy in CRM.

BUS406 International Marketing (3 credits) This course introduces students the importance of global marketing, management orientations, and forces affecting global integration and marketing. Students will become familiar with the global economic, social, cultural, political, legal and regulatory environments. They will learn the factors which are important for segmentation, targeting, positioning and global marketing mix strategies. Global information systems and market research, the digital Revolution, and global e-commerce will be covered. Students will develop an understanding of the global competition, the strategic elements of competitive advantage, leadership, organization, and corporate social responsibility.

BUS444 Graduation Project (-) The aim of this course is to explain students the basics of preparing a graduation project. Upon successful completion of this class, students will have knowledge of deciding on the research topic, conducting literature review, and writing and presenting a graduation project.

BUS452 Microfinance and Social Business II (3 credits) In order to fully appreciate the impact of microfinance, it's important to first understand the topic of extreme poverty and the field of global economic development. This course will then examine the development of the microfinance field over the past 25 years, beginning with the pioneer institution known as the Grameen Bank and will be detailed with theories and practices all around the globe and Turkey in specific. The objective of the course is for students to gain a better understanding of the different aspects of both social business and microfinance and how successful examples from global and Turkish cases change the poverty structure. Guest speakers with field experience will highlight the microfinance horizons. Students will also be exposed to the field trips and business strategies focused on alleviating a social problem with the notion of microcredit and micro insurance.

BUS454 Social Entrepreneurship (3 credits) (*See General Education*)

ECO402 Current Economic Issues (3 credits) The aim of the course is to cover key economic problems and economic policies of Turkey in relation with the world economy and to provide students with analytical tools that would help them examine critically current economic challenges of the Turkish economy. The topics covered are national income accounts and related issues, economic growth, income distribution, employment and unemployment, inflation, monetary system and central banking, public sector and fiscal policy, international economic relations, balance of payments accounts, global crisis.

International Logistics (Turkish) (English)

About Program

Logistics is a rapidly evolving industry and the shining star of the world and our country. Given Turkey's geopolitical advantages, it is also an important source of employment and national income. What is important in the Logistics sector is to take the right decisions at the right times. To be able to this, one has to learn the scientific foundations of Logistics.

Logistics Professionals should have the fundamental knowledge and skills in;

- Business
- Logistics
- Management

In addition,

- Process Management,
- Strategic and Analytical Thinking,
- Planned Work and Follow-up,
- Customer-focused,
- Self-learning,
- Continuous Self-development,
- Use of Information Technology,
- Foreign Language,
- Communication and Teamwork,

are the required qualities.

Education and training in the department has been designed and practiced in line with these criteria.

Objectives

International Logistics Department aims to prepare the students who have ability, knowledge, skills and competencies to succeed in both domestic and international logistics areas in today's technological and global business environment that logistics play a vital role.

The total credits required for the satisfactory completion of the curriculum are 120 credits. The program additionally requires one internship each enduring 20 work days.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG113	Academic Reading and Writing I	Yes	Yes	2+2	3
ATA111	History of Turkish Republic I	Yes	Yes	2 + 0	2
BUS111	Mathematics-I	Yes	Yes	3 + 0	3
TRD111	Turkish I	Yes	Yes	2 + 0	2
ECO103	Introduction To Economics I	Yes	Yes	3 + 0	3
BUS103	Introduction to Business	Yes	Yes	3+0	3
CLP001	Career And Life Planning	Yes	Yes	0 + 2	1
Total :					17

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG114	Academic Reading and Writing II	Yes	Yes	2+2	3
ATA112	History of Turkish Republic II	Yes	Yes	2 + 0	2
BUS112	Mathematics II	Yes	Yes	3 + 0	3
TRD112	Turkish II	Yes	Yes	2 + 0	2
ECO104	Introduction To Economics II	Yes	Yes	3 + 0	3
BUS104	Introduction to Management and Organization	Yes	Yes	3+0	3

[+] 2nd Semester Elective Course List

Total :	16
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
LOG201	Fundamentals of Logistics	Yes	Yes	3 + 0	3
BUS211	Statistics I	Yes	Yes	3 + 0	3
LOG209	Regulations in Transportation and Logistics	Yes	Yes	3 + 0	3
LOG207	Transportation Management	Yes	Yes	3 + 0	3
BUS220	Entrepreneurship	Yes	Yes	2+2	3
Total :					15

[+] 3rd Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
FNC251	Financial Accounting	Yes	Yes	3+0	3
LAW181	Fundamentals of Law	Yes	Yes	3+0	3
BUS213	Business Communication & Ethics	Yes	Yes	3+0	3
TRA102	Fundamentals of International Trade	Yes	Yes	3+0	3
IR101	Introduction to Political Science	Yes	Yes	3+0	3

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
BUS212	Statistics II	Yes	Yes	3 + 0	3
LOG208	Operations Research In Logistics	Yes	Yes	3 + 0	3
LOG218	Warehouse and Distribution Systems	Yes	Yes	3+0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3
Total :					15

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 4th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
FNC252	Managerial Accounting	Yes	Yes	3+0	3
LAW384	Fundamentals of Commercial Law	Yes	Yes	3+0	3
BUS206	Human Resource Management	Yes	Yes	3+0	3
HLT102	Health and Life	Yes	Yes	3+0	3
HLT202	Occupational Health and Safety	Yes	Yes	3+0	3

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Second Foreign Language Elective	Yes	Yes	2+2	3
LOG309	Supply Chain Management	Yes	Yes	3 + 0	3
LOG315	Logistics System Analysis	Yes	Yes	3 + 0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3 + 0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3 + 0	3
Total :					15

[+] 5th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective 1	Yes	Yes	2+2	3
FNC301	Fundamentals of Corporate Finance	Yes	Yes	3+0	3
BUS301	Principles of Marketing	Yes	Yes	3+0	3
BUS303	International Business	Yes	Yes	3+0	3
BUS311	Organizational Behaviour	Yes	Yes	3+0	3
LOG303	Risk Management and Insurance in Logistics	Yes	Yes	3+0	3

*C: Compulsory
 **A: Average
 *** L + P: Lecture + Practice

LOG311	Humanitarian Logistics	Yes	Yes	3+0	3
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6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Second Foreign Language Elective	Yes	Yes	2+2	3
LOG310	Production And Inventory Management	Yes	Yes	3 + 0	3
LOG314	Planning and Modelling in Logistics	Yes	Yes	3 + 0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3 + 0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3 + 0	3
Total :					15

[+] 6th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective	Yes	Yes	2+2	3
BUS304	Marketing Management	Yes	Yes	3+0	3
LOG312	Material Handling and Packaging	Yes	Yes	3+0	3
TRA304	Custom Operations	Yes	Yes	3+0	3

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
LOG411	Purchasing And Contract Management	Yes	Yes	3 + 0	3
LOG405	Logistics Simulation	Yes	Yes	3 + 0	3
LOG423	Logistics Information Systems	Yes	Yes	3 + 0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3 + 0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3 + 0	3
Total :					15

[+] 7th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective 1	Yes	Yes	2+2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

ECO401	Turkish Economy	Yes	Yes	3+0	3
LOG417	Air Cargo Transportation	Yes	Yes	3+0	3
BUS451	Microfinance and Social Business I	Yes	Yes	2+2	3

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+PHours	Credits
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3
	Elective (University/Technical/For. Lang)	Yes	Yes	3+0	3
Total :					12

[+] 8th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective 2	Yes	Yes	2+2	3
BUS403	Project Management in Business	Yes	Yes	3+0	3
BUS452	Microfinanc and Social Business II	Yes	Yes	2+2	3
BUS454	Social Entrepreneurship	Yes	Yes	2+2	3
LOG408	Speacial and Hazardous Goods Transportation	Yes	Yes	3+0	3
LOG420	Recent Issues in Logistics	Yes	Yes	3+0	3
LOG444	Graduation Thesis	Yes	Yes	0+6	3
LOG490	Practice in Work Environment	Yes	Yes	0+24	12
Grand Total					120

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

LOG201 Fundamentals of Logistics (3 credits) (*See General Education*)

LOG207 Transportation Management (3 Credits) The purpose of this course is to provide transportation concepts, theory, and the technical processes involved in transport planning. Fundamentals of transportation management will be concentrated in order to make the students understand transportation management issues. Students will investigate the economic concepts of supply and demand and their implications within the transport planning process. Operational problems will be defined and performance monitoring and policy reviewing explored. This lecture presents the technical processes involved in transport planning. It provides technical knowledge on the quantitative processes which underpin the transport planning process. Through chapters, readings, and case analyses, issues related to comparative environmental framework, theories and institutions for each transportation mode will be discussed.

LOG209 Regulations in Transportation and Logistics (3 credits) The purpose of this course is to provide students necessary information about regulations in transportation and logistics.

LOG208 Operations Research in Logistics (3 credits) The purpose of this course is to underline the basic methods of operations research in logistics domain. Logistics and its superset, supply chain requires to be managed quantitatively though that is not the case in practice all the times. After getting key strategic drivers of logistics and supply chain performance, and the underlying tools and techniques for logistics and supply chain analysis, one will quickly and effectively find ways to optimize the performance. Quantitative Methods for Logistics streamlines the coverage of the logistics, supply chain, and operations research theory, applications and computations. Case studies are used to unite and explain the transition from logistics and supply chain applications to mathematical concepts. The popular commercial and tutorial software MS Excel Solver will be used throughout the course to solve practical problems.

LOG218 Warehouse and Distribution Systems (3 credits) The purpose of this course is to explain, storage function, the basic functions of logistics management, with administrative details. Students will learn warehousing activities separately. This course includes the concepts of storage, storage activities such as receiving, stocking, material handling, packing and labeling, the selection of warehouse location, handling equipments and types of storage systems and selection criteria of storage systems.

LOG309 Supply Chain Management (3 credits) This course aims to introduce some important principles of supply and buying management to the students. Basic approach is, the experience of the business environment will be discussed and theoretical knowledge will be explained.

LOG315 System Analysis (3 credits) The purpose of this course is to prepare students to analyze and develop efficient the logistics systems. The emphasis of this course will be on detecting and fixing the bottlenecks of the network designs. Through chapters, problem discussions and case analyses, we will discuss firstly system design issues and then issues related to logistics systems, international logistics

networks, warehousing problems, transporting issues. During the lectures, students will be discussing the reasons of the problematic parts of the systems and will be obligated to present their solution approaches orally in 10 minutes.

LOG310 Production and Inventory Management (3 credits) The purpose of this course is considering basic production planning and inventory management methods and models for understating and solving the quantitative problems, including quality perspective. Production/inventory management is one of the basic functions in a manufacturing environment. Different production systems, product quality, capacity planning, production planning methods and productivity concepts will be examined. This course also aims to describe the usage of the inventory models. The factors that affect the calculation of order quantity and levels, optimum stock levels and inventory classification methods will be explained. Students will learn the factors which results the inventory costs and effective resource usage. Given interim projects aim to progress the presentation and communication skills of the students.

LOG314 Planning and Modelling in Logistics 3 (credits) The purpose of this course is to teach the objectives of the supply chain. It is important to understand how logistical planning and modeling decisions impact the performance of the firm as well as the entire supply chain. The course will be about to understand the link between supply chain structures and logistical capabilities in a firm or the entire supply chain. The function of logistics planning and modeling is to design and manage the processes, assets, and flows of material and information required to satisfy customers' demands. Through chapters, problem discussions and case analyses, we will discuss firstly logistics planning issues and then issues related to logistics systems, international logistics networks, warehousing problems, transporting issues. During the lectures, students will be discussing the reasons of the problematic parts of the systems and will be obligated to present their solutions.

LOG315 Logistics System Analysis (3 credits) The purpose of this course is to prepare students to analyze and develop efficient the logistics systems. The emphasis of this course will be on detecting and fixing the bottlenecks of the network designs. Through chapters, problem discussions and case analyses, we will discuss firstly system design issues and then issues related to logistics systems, international logistics networks, warehousing problems, transporting issues. During the lectures, students will be discussing the reasons of the problematic parts of the systems and will be obligated to present their solution approaches orally in 10 minutes.

LOG405 Logistics Simulation (3 credits) The purpose of this course is to show the students how they are simulate a logistic event. This course designed to prepare students to be a simulation modeler for logistics industry. The emphasis of this course will be on a discrete-event simulation. Through chapters and case analyses, we will discuss the discrete-event simulation modeling/analysis, the event-scheduling versus process-interaction approach, random number and random variate generation, input data analysis and goodness of fit tests, logistics simulation examples, specific computers simulation languages and analysis of simulation output and model validation.

LOG411 Purchasing and Contract Management (3 credits) The purpose of this course is to present the fundamental sourcing management knowledge for managers involved in procurement and purchasing activities. It covers the role and strategy of purchasing, contracting and the procurement processes in logistics. The lecture addresses the integration of these processes within the overall corporate strategy and covers the measurement and use of performance and financial controls that aid efficient and effective supplier management.

LOG423 Logistics Information Systems (3 credits) The purpose of this course is to study the theories and practices of information systems. Students will analyze the essential characteristics of organizational rules, business processes, and logistics related information systems and technologies.

TRD111 Turkish I (2 credits) (*See General Education*)

ATA111 History of Turkish Revolution I (2 credits) (*See General Education*)

BUS103 Introduction to Business (3 credits) (*See General Education*)

BUS111 Mathematics I (3 credits) (*See General Education*)

BUS112 Mathematics II (3 credits) (*See General Education*)

ECO103 Introduction to Economics I (3 credits) (*See General Education*)

TRD112 Turkish II (2 credits) (*See General Education*)

ATA112 History of Turkish Revolution II (2 credits) (*See General Education*)

BUS104 Introduction to Management and Organisation (3 credits) The objective of this course is to define the terms Management and Organizational Behavior relate to a considerable breadth and depth of topics relative to both the business world and the construction management industry. We often hear terms such as change agent, accountability, ethical conduct, paradigm shift, team building, culture and a plethora of others. The terms may seem strange in the macho world of construction however; an appreciation for these concepts is crucial to becoming a successful construction manager. This course will seek to enhance your understanding of management principles and organizational behavior theories and their relationship to the construction management profession.

ECO104 Introduction to Economics II (3 credits) (*See General Education*)

BUS211 Statistics I (3 credits) The course objective of this course is to equip students with an understanding of descriptive statistics and analytical thinking. Discussions will range from key concepts to useful data resources. Among topics covered are: Data collection, summarizing and presenting techniques, probability theory, discrete and continuous random variables, discrete probability distribution, continuous probability distribution and sampling distributions.

BUS212 Statistics I (3 credits) The objective of this course is to equip students with an understanding of inferential statistics (i.e. making valid generalizations for the entire population using sample data) and analytical thinking. *Prerequisite: BUS211.*

BUS220 Entrepreneurship (3 credits) (*See General Education*)

ELECTIVES

ENG113 Academic Reading and Writing I (3 credits) *(See General Education)*

ENG114 Academic Reading and Writing II (3 credits) *(See General Education)*

LOG303 Risk Management and Insurance in Logistics (3 credits) The purpose of this course is as follows: People seek security. A sense of security may be the next basic goal after food, clothing, and shelter. An individual with economic security is fairly certain that he can satisfy his needs (food, shelter, medical care, and so on) in the present and in the future. Economic risk (which we will refer to simply as risk) is the possibility of losing economic security. Most economic risk derives from variation from the expected outcome. An insurance contract covers a policyholder for economic loss caused by a peril named in the policy. The policyholder pays a known premium to have the insurer guarantee payment for the unknown loss. In this manner, the policyholder transfers the economic risk to the insurance company. Risk is the variation in potential economic outcomes. It is measured by the variation between possible outcomes and the expected outcome: the greater the standard deviation, the greater the risk. In this lecture the students will be given examples that enable to understand the subjects above and to raise awareness how to manage risk in logistics activities.

LOG311 Humanitarian Logistics (3 credits) *(See General Education)*

LOG312 Material Handling and Packaging (3 credits) The purpose of this course is to explain the material handling tools to the students. This course presents methods and equipment in handling materials in a warehouse, in a production facility, during transport or in hostile environments. Theory and practice are tightly related in materials handling therefore both theoretical and practical issues are presented and discussed.

LOG408 Special and Hazardous Goods Transportation (3 credits) The purpose of this course is to describe importance of Special and Hazardous Goods Transportation to the students. Dangerous goods are substances and articles, which have been identified, as hazardous for transport and present a risk to people, property and the environment. This course is related to logistics operations that involves in the consignment, loading/unloading and carriage of dangerous goods by road. This course provides a comprehensive summary of the legal provisions of the ADR (European Agreement Concerning the International Carriage of Dangerous Goods by Road). Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about transport and warehouse management on dangerous goods, structure and implementation, environments and risks managing transport operations. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills.

LOG417 Air Cargo Transportation (3 credits) The purpose of this course is to prepare students to fully control the airfreight sales and operations steps and/or purchasing airfreight service whether they place at logistics world's service provider desk or the customer desk. The emphasis of this course will be international frame of civil aviation for air cargo transportation as well as the differences at local applications at airport customs. Through case studies and working over sample shipments, define and recognize the airfreight shipping and commercial documents. During the lectures, students will be acting as an air freight forwarder, will deduce all the steps at an international trade and organize an airfreight shipment as per different incoterms.

LOG420 Recent Issues in Logistics (3 credits) The purpose of this course to understand recent issues in logistics. The course will be about to understand the link between technology and logistical capabilities in a firm or in the entire supply chain. The function of logistics planning and modeling is to design and manage the processes, assets, and flows of material and information required to satisfy customers' demands. Through chapters, problem discussions and case analyses, we will discuss firstly recent issues in logistics and then logistics planning issues related to logistics systems, international logistics networks, warehousing problems, transporting issues. During the lectures, students will be discussing recent issues in logistics systems and will be obligated to present their solutions.

FNC251 Financial Accounting (3 credits) The objective of the course is exploring the importance of using financial accounting data in decision-making. Students are introduced to the importance of such data to decision-making by discussing the principles and basic applications of financial accounting.

BUS213 Business Communication & Ethics (3 credits) *(See General Education)*

IR101 Introduction to Political Science (3 credits)*(See General Education)*

TRA102 Fundamentals of International Trade (3 credits) *(See General Education)*

FNC252 Managerial Accounting (3 credits) The objective of the course is exploring the importance of using cost and financial accounting data in decision-making. Students are introduced to the importance of such data to decision-making by discussing the principles and basic applications of cost and financial accounting.

BUS206 Human Resource Management (3 credits) This course is designed to prepare students to be managers for the increasingly competitive business world. The students will be able to identify human resource management and explain how HRM contributes to an organization's performance and also recognize the importance of hiring and developing employees so that they become more valuable to the organization.

HLT102 Health and Life (3 credits) The aim of this course is to develop in students the values and attitudes, knowledge, understanding and skills that will enable them to lead healthy, active and productive lives.

HLT202 Occupational Health and Safety (3 credits) The purpose of this course is to define these contents: The Concept of Occupational Health and Its Development, Work and Health Relationship, Principles of the Application of Occupational Health, Occupational Illnesses and Prevention Methods, Ergonomics, Accidents at Work, Legislations in the Health Sector.

FNC301 Fundamentals of Corporate Finance (3 credits) *(See General Education)*

BUS301 Principles of Marketing (3 credits) The purpose of this course is to introduce students the marketing principles and concepts. Upon successful completion of this class, students will have knowledge of marketing strategy, marketing environment, marketing research, target market and segmentation, marketing mix strategies, and global marketing.

BUS303 International Business (3 credits) This course is designed to prepare students to be managers for the increasingly competitive business world. The emphasis of this course will be on the international business environment and the challenges of the multinational enterprise (MNE) in crafting global business strategies. Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about trade and investment, global strategy, structure and implementation, world financial environments, managing international operations. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills.

BUS311 Organisational Behaviour (3 credits) Organizations and teams are fundamentally a collection of people who are working together towards one or more common goals or, as one scholar put it, “The people make the place.” Therefore, a comprehensive understanding of people and human relationships in a workplace context is vital to the short-term and long-term viability of any enterprise. This class is designed to combine theory and practice in order to bring about a better understanding how individuals, teams, and organizations function. Particular emphasis is placed on the role of leaders in organizations.

BUS304 Marketing Management (3 credits) The aim of this course is to explain students the fundamental principles and concepts of marketing management. Upon successful completion of this class, students will have knowledge of strategic planning and developing marketing strategy, analyzing the environment and managing market information, understanding consumer and business markets, developing customer driven marketing strategy, delivering value by product development, pricing, distribution, and promotion strategies, creating competitive advantage and implementing global marketing tools.

TRA304 Custom Operations (3 credits) This course designed to prepare students to gain knowledge about customs procedures, implementation and laws. The emphasis of this course will be identifying the components of foreign trade and the national and international rules of foreign trade. Through laws, legislations, database searches, educational videos, readings, and case analyses, we will discuss issues related to global implementation of customs procedures. Added to this students will be able to examine the effects of customs procedures and practices on the other areas and recognize risk creative issues encountered in customs procedures and practices. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills.

ECO401 Turkish Economy (3 credits) The purpose of this course is to provide students a general view of the Turkish economy within a historical context. Dynamics and main issues of the Turkish economy will be dealt with from a historical and analytical perspective. The course content constitutes of the economic conditions and policies in the late-Ottoman period, establishment of the Turkish Republic, Great Depression years, protectionist policies and ‘etatism’ in the 1930s, Second World War period, reconstruction period after the war and Turkey’s integration with the world economy, economic planning and import-substitution model in the 1960s, economic stagnation and foreign debt crisis in the 1970s, new economic programme in the 1980s, trade liberalisation, financial liberalisation, the economic crises from the 1990s onwards, current issues of the Turkish economy.

BUS451 Microfinance and Social Business I (3 credits) (*See General Education*)

BUS403 Project Management in Business (3 credits) This course covers project management topics including planning, budgeting, controlling and leading projects. Students will be able to use a project management software package to manage projects.

BUS452 Microfinance and Social Business II (3 credits) (*See General Education*)

BUS454 Social Entrepreneurship (3 credits) (*See General Education*)

LAW384 Fundamentals of Commercial Law (3 credits) The main aim of the Commercial Law course is to provide students with commercial law information that will aid them in management. The legal rules that are connected to management are explained within a limited framework. The required information for the students' future professional life regarding sale and hire contracts within the scope of the law of obligations special provisions will be explained. Besides, general concepts within the area of private law and public law will be examined.

LAW181 Fundamentals of Law (3 credits) This course will initially focus on the basic principles, nature, functions and sources of law, legal concepts and fundamentals of legal reasoning, concepts of justice and equity, normative character of law and morality, legitimacy of law and relationship between social order and law. The objective of this course is to provide a general point of view on basic legal terms such as law and rights, justice and enforcement, legal systems and legal branches, and methods of implementation and interpretation.

International Relations (Turkish) (English)

About Program

The Department of International Relations at Okan University has a non-traditional approach to International Relations and Political Science. We focus on the new actors of international affairs, such as international organizations, social groups and transnational activists as much as we focus on the state. We are interested in the interactions between the different actors in international relations, seeking answers to the questions of global governance, multi-level policy making, and transnational relations. Our department of International Relations is the first and only department in Turkey that specifically focuses on these issues.

During the first four semesters (two years) the core theoretical courses are taught. These include the fundamentals of political science, history of political thought, statistics, economics and law. Having grasped the essentials of how the international system has developed and how it works, for the next two years students are offered courses on global politics, including courses on International Political Economy, Globalization and Governance, Transnational Actors and Processes. Given Turkey's future in European politics, and its unique geopolitical position in the world –located between Eurasia, the Balkans, and the Middle East– our curriculum also includes courses with corresponding regional concentrations.

Our department follows a multi-disciplinary approach, allowing our students can take courses from the departments of Management, International Trade and International Logistics. Also, our students can benefit from our double major and minor programs.

Objectives

International Relations Department aims to endow students with the ability to critically analyze, explain and make predictions about the political, military, economic and social dimensions of the relations between states, organizations and other actors that interact in the international system.

The total credits required for the satisfactory completion of the curriculum are 120 credits. The program additionally requires one internships each enduring 20 work days.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG113	Academic Reading and Writing I	Yes	Yes	2+2	3
ATA111	History of Turkish Revolution I	Yes	Yes	2 + 0	2
TRD111	Turkish I	Yes	Yes	2 + 0	2
ECO103	Introduction to Economics I	Yes	Yes	3 + 0	3
IR101	Introduction to Political Science	Yes	Yes	3 + 0	3
BUS103	Introduction to Business Administration	Yes	Yes	3+0	3
CLP001	Career and Life Planning	Yes	Yes	0 + 2	1
Total :					17

[+] **1st Semester Elective Course List****2nd SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG114	Academic Reading and Writing II	Yes	Yes	2+2	3
ATA112	History of Turkish Revolution II	Yes	Yes	2 + 0	2
TRD112	Turkish II	Yes	Yes	2 + 0	2
ECO104	Introduction to Economics II	Yes	Yes	3 + 0	3
IR112	International Relations	Yes	Yes	3 + 0	3
IR104	World Political History	Yes	Yes	3 + 0	3
Total :					16

[+] **2nd Semester Elective Course List****3rd SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
IR201	History of Political Thought	Yes	Yes	3 + 0	3
IR205	International Relations Theory	Yes	Yes	3 + 0	3
LAW181	Fundamentals of Law	Yes	Yes	3 + 0	3
BUS211	Statistics I	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

BUS220	Entrepreneurship	Yes	Yes	3 + 0	3
Total :					15

[+] 3rd Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective 1	No	Yes	2+2	3
BUS201	Business Communication & Ethics	No	Yes	3+0	3
BUS205	Management and Organization	No	Yes	3+0	3

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
IR202	Political Ideologies	Yes	Yes	3 + 0	3
IR204	Research Methods in International Relations	Yes	Yes	3 + 0	3
IR214	Foreign Policy Analysis	Yes	Yes	3 + 0	3
	Elective (Univeristy / Technical / For. Lang.)	No	Yes	3+0	3
	Elective (Univeristy / Technical / For. Lang.)	No	Yes	3+0	3
Total :					15

[+] 4th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective 2	No	Yes	2+2	3
BUS206	Human Resources Management	No	yes	3+0	3

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Second Foreign Language Elective	No	Yes	2+2	3
IR301	History of Politics in Turkey	Yes	Yes	3 + 0	3
IR303	Comparative Politics	Yes	Yes	3 + 0	3
IR305	International Organizations	Yes	Yes	3 + 0	3

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

	Elective (Univeristy / Technical / For. Lang.)	No	Yes	3+0	3
Total :					15

[+] 5th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective	Yes	Yes	2+2	3

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Second Foreign Language Elective 2	No	Yes	2+2	3
IR302	Modernization in Turkey	Yes	Yes	3 + 0	3
LAW386	Constitutional Law	Yes	Yes	3 + 0	3
IR306	Contemporary Issues in World Politics	Yes	Yes	3+0	3
	Elective (Univeristy / Technical / For. Lang.)	No	yes	3+0	3
Total :					15

[+] 6th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IR312	American Foreign Policy	No	Yes	3+0	3

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
IR405	International Security	Yes	Yes	3 + 0	3
IR403	Turkish Foreign Policy	Yes	Yes	3 + 0	3
IR409	Contemporary Issues in Turkish Politics	Yes	Yes	3 + 0	3
	Elective (Univeristy / Technical / For. Lang.)	No	Yes	3 + 0	3
	Elective (Univeristy / Technical / For. Lang.)	No	yes	3 + 0	3
Total :					15

[+] 7th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective 3	No	Yes	2+2	3

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

ECO401	Turkish Economy	No	Yes	3+0	3
IR407	International Conflict and Conflict Resolution	No	Yes	3+0	3
IR417	Gender and Politics	No	Yes	3+0	3

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Elective (Univeristy / Technical / For. Lang.)	No	Yes	3+0	3
	Elective (Univeristy / Technical / For. Lang.)	No	Yes	3+0	3
	Elective (Univeristy / Technical / For. Lang.)	No	Yes	3+0	3
	Elective (Univeristy / Technical / For. Lang.)	No	Yes	3+0	3
Total :					12

[+] 8th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective 4	No	Yes	2+2	3
IR412	Power and Inequality	No	Yes	3+0	3
IR415	Politics and Society in the Middle East	No	Yes	3+0	3
IR426	Political Parties in Turkey	No	Yes	3+0	3
IR428	Globalization and Governance	No	Yes	3+0	3
IR434	Minority Rights	No	Yes	3+0	3
Grand Total					120

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

ENG113 Academic Reading and Writing I (3 credits) *(See General Education)*

TRD111 Turkish I (2 credits) *(See General Education)*

ATA111 History of Turkish Revolution I (2 credits) *(See General Education)*

ECO103 Introduction to Economics I (3 credits) *(See General Education)*

IR101 Introduction to Political Science (3 credits) *(See General Education)*

BUS103 Introduction to Business Administration (3 credits) *(See General Education)*

ENG114 Academic Reading and Writing II (3 credits) *(See General Education)*

TRD112 Turkish II (2 credits) *(See General Education)*

ATA112 History of Turkish Revolution II (2 credits) *(See General Education)*

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

IR104 World Political History (3 credits) The purpose of this course is to give students a basic understanding of the major events in world history from the 14th century to this date. By the end of the course, the students will be expected to have a general understanding of major world events and to have developed a critical and analytical understanding of historical data.

IR112 International Relations (3 credits) The purpose of this course is to examine the 20th century history, starting with World War I. The course is designed to improve students' ability to evaluate current international events using the fundamental concepts and perspectives of political science and international relations.

ECO104 Introduction to Economics II (3 credits) *(See General Education)*

IR201 History of Political Thought (3 credits) This course aims to convey to students the issues and concepts in the history of Western political thought from Ancient Greece to the end of the 19th century. The goal of this introductory course is to help student to think critically about the ideas and philosophies that have shaped the political world. Selected works of a variety of thinkers will be examined for that purpose.

IR205 International Relations Theory (3 credits) The purpose of this course is to introduce students to the main theories of international relations in order to better understand the current nature of global politics. The course starts with an overview of world political history. Then major theoretical approaches in the study of international relations discipline such as realism, liberalism, then the radical

perspective, and constructivism are introduced. The third part focuses on levels of analysis, looking at the international system, state and the individual. The last part looks at different issue areas, war and strife, democratic peace, international political economy, global governance, and lastly on international law, human rights, and citizenship.

BUS211 Statistics I (3 credits) The course objective of this course is to equip students with an understanding of descriptive statistics and analytical thinking. Discussions will range from key concepts to useful data resources. Among topics covered are: Data collection, summarizing and presenting techniques, probability theory, discrete and continuous random variables, discrete probability distribution, continuous probability distribution and sampling distributions.

LAW181 Fundamentals of Law (3 credits) This course will initially focus on the basic principles, nature, functions and sources of law, legal concepts and fundamentals of legal reasoning, concepts of justice and equity, normative character of law and morality, legitimacy of law and relationship between social order and law. The objective of this course is to provide a general point of view on basic legal terms such as law and rights, justice and enforcement, legal systems and legal branches, and methods of implementation and interpretation

IR202 Political Ideologies (3 credits) The purpose of the course is to build on the theories of state and society as discussed in the previous course. This course follows from IR 201 History of Political Thought. However, unlike IR 201, which focused more on thinkers, this course focuses on ideologies, with particular emphasis on the contemporary debates.

IR204 Research Methods in International Relations (3 credits) The purpose of this course is to introduce the basic concepts, methods and approaches in social research. The course aims to develop students' capacities of critical thinking, analytical skills as well as learning research techniques in social sciences.

IR214 Foreign Policy Analysis (3 credits) This course aims to analyze foreign policy making processes at various levels of international politics. It focuses on the main techniques of foreign policy analysis and the difficulties of doing research in the field. Foreign policies of certain states having regional and international impact will also be discussed in detail.

BUS220 Entrepreneurship (3 credits) (*See General Education*)

IR301 History of Politics in Turkey (3 credits) The purpose of this course is to analyze political developments in late Ottoman and Revolutionan periods until the early 21st century. In line with this objective, the course will cover historical development related with the modernization of Ottoman political system from 1789 to 1908; the developments of the Second Constitutional period; the transition from empire to Revolution; nation-building in the early Revolutionan era; transition to democracy between 1945 and 1950; the multi-party democracy between 1950-1980 and the three military coups (27 May 1960, 12 March 1971, and 12 September 1980); the surge of "identity politics" after the 1980s; the elections of November 2002 and beyond.

IR303 Comparative Politics (3 credits) The purpose of this course is to provide a comparative understanding of the operation of political systems, governments, dynamics of political culture and democratic institutions such as election systems and party systems as well the impact of political economy.

IR305 International Organizations (3 credits) *(See General Education)*

IR302 Modernization in Turkey (3 credits) The purpose of this course is to explore different aspects of the process of modernization in Turkey by focusing on socio-economic, cultural and religious changes since the formation of the nation-state. During the course, historical and sociological roots of issues such as Westernization, development, underdevelopment, national identity, citizenship, minorities and secularism are discussed with reference to their relation with the process of modernization. Students will be also acquainted with different theoretical frameworks explaining “modernization”.

IR306 Contemporary Issues In World Politics (3 credits) *(See General Education)*

LAW386 Constitutional Law (3 credits) This course is designed to introduce students to the comparative analysis of the constitutional law notions such as state, separation of powers and constitutional justice. An in-depth study of the existing governmental systems in Europe and in the US will be undertaken. Students will be encouraged to understand the differences between the continental and common law countries. They will get familiar with the basic notions of the French, Turkish, British and American political and legal systems. Our aim is to shed light on the burning topic of a constitutional reform in Turkey and prepare the ground for further intensive research on the functioning of the state institutions and decision making process .

IR405. International Security (3 credits) The purpose of this course is to introduce the undergraduate students of the International Relations discipline to a number of existing and emerging threats to international security and stability in the 21st Century.

IR403 Turkish Foreign Policy (3 credits) This purpose of this course is to analyze the phases of Turkish Foreign Policy since the Independence War and outline its main characteristics. The developments related to the foreign policy will be evaluated within the context of domestic socio-economic developments.

IR409 Contemporary Issues in Turkish Politics (3 credits) The purpose of this course is to give students the ability to analyze the political issues. In line with this objective, the course will focus on the Contemporary Issues in Turkish political life. The course will cover historical development of political institutions/political parties and political culture; issues related with religion, ethnicity, gender, military-state relations, and Turkish Constitution; the role of civil society, NGOs and Media in consolidation of democracy, recent changes will also be examined.

ELECTIVES

BUS213. Business Communication & Ethics (3 credits) *(See General Education)*

BUS205 Management and Organisation (3 credits) The objective of this course is to define the terms Management and Organizational Behavior relate to a considerable breadth and depth of topics relative to both the business world and the construction management industry. We often hear terms such as change agent, accountability, ethical conduct, paradigm shift, team building, culture and a plethora of others. The terms may seem strange in the macho world of construction however; an appreciation for these concepts is crucial to becoming a successful construction manager. This course will seek to

enhance your understanding of management principles and organizational behavior theories and their relationship to the construction management profession.

BUS206.Human Resource Management (3 credits) This course is designed to prepare students to be managers for the increasingly competitive business world. The students will be able to identify human resource management and explain how HRM contributes to an organization's performance and also recognize the importance of hiring and developing employees so that they become more valuable to the organization.

IR312 American Foreign Policy (3 credits) The purpose of the course is to explain the foreign policy decision making logic in United States and describe the historical process from the establishment until globalization age. In this respect, the course will be held in three main focus points. First focus point will be the decision making process. Second one will be historical perspective and the final focus point will be on regional policies of US in the post-cold war period.

ECO401 Turkish Economy (3 credits) The purpose of this course is to provide students a general view of the Turkish economy within a historical context. Dynamics and main issues of the Turkish economy will be dealt with from a historical and analytical perspective. The course content constitutes of the economic conditions and policies in the late-Ottoman period, establishment of the Turkish Republic, Great Depression years, protectionist policies and 'etatism' in the 1930s, Second World War period, reconstruction period after the war and Turkey's integration with the world economy, economic planning and import-substitution model in the 1960s, economic stagnation and foreign debt crisis in the 1970s, new economic programme in the 1980s, trade liberalisation, financial liberalisation, the economic crises from the 1990s onwards, current issues of the Turkish economy.

IR407 International Conflict and Conflict Resolution (3 credits) The purpose of the course is to explain the fundamental aims of international organizations and how they were organized in order to realize their aims. In this context, global, regional and thematic organizations will be examined, the similarities and differences will be discussed.

IR412 Power and Inequality (3 credits) The purpose of this course is to introduce the students to the scholarly debates surrounding the issue of power and inequality. The course is composed of two parts. In the first part, different meanings of power will be discussed. In the second half of the class, various forms of inequality will be discussed with examples from around the world.

IR415 Politics and Society in the Middle East (3 credits) This course aims to make an overview of the contemporary political and social issues in the wider Middle East, aka Middle East and North Africa (MENA). Domestic and foreign policies of the regional countries will be analyzed from an historical perspective.

IR417 Gender and Politics (3 credits) The purpose of this course is to examine the interaction of gender relations and politics. Weekly lectures and discussions will focus on preconceptions about gender and how it intersects with economic inequalities, cultural values, and social structures organizing daily life. Students will be introduced to feminist approaches to issues such as nationalism, citizenship, colonialism, globalization, political participation and representation. The course will promote students' analytical capacities, critical reasoning, critical reading and discussion of texts while developing a gender perspective on the study of politics.

IR426 Political Parties in Turkey (3 credits) The purpose of this course is to analyze the political life in Turkey, thereby providing student with comprehensive knowledge about parties, as essential parts of political life, with their structures and functioning, and encouraging them to find solutions to the problems of political life with regard to political parties. In line with this aim, our course covers the historical development of political parties in Turkey in the context of political environment shaped by political culture of Turkey through analyzing the transformations in political party systems in the world.

IR428.Globalization and Governance (3 credits) The purpose of this course is to explore key dimensions of globalization with a specific emphasis on how globalization affects actors and governance of issue areas ranging from communication to violence. The ways in which actors such as states, international organizations and nongovernmental organizations interact with each other along with various ways through which they try to shape and control globalization will form the core question of this course. Students will acquire historical knowledge on various issue areas as well as analytical tools to systematically compare across cases.

IR434.Minority Rights (3 credits) This course aims to introduce to students the concepts of minority rights and discrimination; to develop awareness and understanding of national and international mechanisms for minority rights; and to examine the past and present status of religious, ethnic and linguistic minorities in Turkey.

International Trade (Turkish) (English)

About Program

During the formation of the Department of International Trade, the components of international trade, namely related documents and their management, national and international rules and regulations of international trade, logistics, insurance, financing of international trade, incentives and governmental subsidies, were aimed to be put forward as a whole were considered at first hand. Our main objectives include considering the needs of the industries in a wider context by the University-Industry collaboration approach through conducted studies and initiated research and founded research and application centers; conducting the research and examinations demanded by the industry; and providing the public with the insights we gain from the measurement, research, and analysis concerning the application of the rules of international trade.

Our students are full encouraged to engage in activities which would enable them to improve their personal skills and help them to shape their career plans. Site visits to the parties and agencies involved in international trade and on-campus seminars by high authorities, students' short term and part-time employment and internships within the framework of Preparation for the Business Life Program, and their participation in research and varying projects assure the exchange of experiences and ideas between key figures and our students.

Objectives

The International Trade Program aims to train students who can follow international trade dynamics closely in a changing world order context, and who are open to change and development and dedicated to national interests within the context of international rules.

The total credits required for the satisfactory completion of the curriculum are 120 credits. The program additionally requires one internship each enduring 20 work days.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG113	Academic Reading and Writing I	Yes	Yes	2+2	3
TRD111	Turkish I	Yes	Yes	2 + 0	2
ATA111	History of Turkish Republic I	Yes	Yes	2 + 0	2
BUS111	Mathematics-I	Yes	Yes	3 + 0	3
BUS103	Introduction to Business	Yes	Yes	3+0	3
ECO103	Introduction To Economics I	Yes	Yes	3 + 0	3
CLP001	Career And Life Planning	Yes	Yes	0 + 2	1
Total :					17

[+] 1st Semester Elective Course List

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG114	Academic Reading and Writing II	Yes	Yes	2+2	3
TRD112	Turkish II	Yes	Yes	2 + 0	2
ATA112	History of Turkish Republic II	Yes	Yes	2 + 0	2
BUS112	Mathematics II	Yes	Yes	3 + 0	3
ECO104	Introduction To Economics II	Yes	Yes	3 + 0	3
TRA102	Fundamentals of International Trade	Yes	Yes	3+0	3
Total :					16

[+] 2nd Semester Elective Course List

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
BUS211	Statistics I	Yes	Yes	3 + 0	3
FNC251	Financial Accounting	Yes	Yes	3 + 0	3
TRA203	International Trade	Yes	Yes	3+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

BUS205	Management and Organization	Yes	Yes	3+0	3
BUS220	Entrepreneursihp	Yes	Yes	3+0	3
Total :					15

[+] 3rd Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
LOG201	Fundamentals of Logistics	Yes	Yes	3+0	3
LOG209	Regulations in Transportation and Logistics	Yes	Yes	3+0	3
TRA207	Sales in International Business, Negotiation and Communication Techniques	Yes	Yes	3+0	3

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
BUS212	Statistics II	Yes	Yes	3 + 0	3
TRA206	Import Export Management	Yes	Yes	3+0	3
	Elective (Technical/University/Foreign uage)	Yes	Yes	3+0	3
	Elective (Technical/University/Foreign Language)	Yes	Yes	3+0	3
	Elective (Technical/University/Foreign Language)	Yes	Yes	3+0	3
Total :					15

[+] 4th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
FNC252	Managerial Accounting	Yes	Yes	3+0	3
LAW384	Fundamentals of Commercial Law	Yes	Yes	3+0	3
BUS206	Human Resources Management	Yes	Yes	3+0	3

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Second Foreign Language Elective I	Yes	Yes	2+2	3
BUS301	Principles of Marketing	Yes	Yes	3 + 0	3
FNC301	Fundamentals of Corporate Finance	Yes	Yes	3 + 0	3
TRA307	Foreign Trade Strategies	Yes	Yes	3+0	3
ECO305	International Economics	Yes	Yes	3+0	3
Total :					15

[+] 5th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective	Yes	Yes	2+2	3

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Second Foreign Language Elective II	Yes	Yes	2+2	3
TRA302	Financing Foreign Trade	Yes	Yes	3 + 0	3
TRA304	Custom Operations	Yes	Yes	3 + 0	3
TRA308	International Trade Organizations and EU	Yes	Yes	3+0	3
	Elective (Technical/University/Foreign Language)	No	Yes	3+0	3
Total :					15

[+] 6th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
FNC302	Financial Management	Yes	Yes	3+0	3
FNC304	Money and Banking	Yes	Yes	3+0	3
BUS304	Marketing Management	Yes	Yes	3+0	3
LOG218	Warehouse and Distribution Systems	Yes	Yes	3+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

LOG312	Material Handling and Packaging	Yes	Yes	3+0	3
	Foreign Language Elective	Yes	Yes	2+2	3

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TRA401	Foreign Exchange Regimes	Yes	Yes	3 + 0	3
TRA403	Quality Standards In Foreign Trade	Yes	Yes	3 + 0	3
TRA407	Communication with Market and E-Business	Yes	Yes	3+0	3
	Elective (Technical/University/Foreign Language)	Yes	Yes	3+0	3
	Elective (Technical/University/Foreign Language)	Yes	Yes	3+0	3
Total :					15

[+] 7th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective	Yes	Yes	2+2	3
BUS303	International Business	Yes	Yes	3+0	3
ECO401	Turkish Economy	Yes	Yes	3+0	3
FNC401	International Finance and Derivatives	Yes	Yes	3+0	3
FNC405	Financial Analysis	Yes	Yes	3+0	3
LOG309	Supply Chain Management	Yes	Yes	3+0	3
LOG411	Purchasing and Contract Management	Yes	Yes	3+0	3
TRA309	Quantitative Analysis	Yes	Yes	3+0	3
TRA405	Foreign Trade and Corporations Management	Yes	Yes	3+0	3
TRA411	Foreign Trade and the World Economy	Yes	Yes	3+0	3
TRA413	Innovation Management in Foreign Trade	Yes	Yes	3+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Elective (Technical/University/Foreign Language)	Yes	Yes	3+0	3
	Elective (Technical/University/Foreign Language)	Yes	Yes	3+0	3
	Elective (Technical/University/Foreign Language)	Yes	Yes	3+0	3
	Elective (Technical/University/Foreign Language)	Yes	Yes	3+0	3
Total :					12

[+] 8th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Foreign Language Elective	Yes	Yes	2+2	3
BUS413	Strategic Management	Yes	Yes	3+0	3
BUS404	Customer Relations Management	Yes	Yes	3+0	3
BUS406	International Marketing	Yes	Yes	3+0	3
ECO402	Current Economic Issues	Yes	Yes	3+0	3
FNC402	Financial Markets and Institutions	Yes	Yes	3+0	3
TRA404	Regional Economics and Target Market Economics	Yes	Yes	3+0	3
TRA444	Graduation Project	Yes	Yes	0+6	3
TRA490	Practice in Business Environment	Yes	Yes	0+24	12
Grand Total					120

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

TRD111.Turkish I (2 credits) *(See General Education)*

ATA111.History of Turkish Revolution I (2 credits) *(See General Education)*

BUS103.Introduction to Business (3 credits) *(See General Education)*

BUS111.Mathematics I (3 credits) *(See General Education)*

ECO103.Introduction to Economics I (3 credits) *(See General Education)*

TRD112.Turkish II (2 credits) *(See General Education)*

ATA112.History of Turkish Revolution II (2 credits) *(See General Education)*

TRA102.Fundamentals of International Trade (3 credits) *(See General Education)*

BUS112.Mathematics II (3 credits) *(See General Education)*

ECO104.Introduction to Economics II (3 credits) *(See General Education)*

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

BUS211.Statistics I (3 credits) The course objective of this course is to equip students with an understanding of descriptive statistics and analytical thinking. Discussions will range from key concepts to useful data resources. Among topics covered are: Data collection, summarizing and presenting techniques, probability theory, discrete and continuous random variables, discrete probability distribution, continuous probability distribution and sampling distributions.

TRA203.International Trade (3 credits) *(See General Education)*

FNC251.Financial Accounting (3 credits) The objective of the course is exploring the importance of using financial accounting data in decision-making. Students are introduced to the importance of such data to decision-making by discussing the principles and basic applications of financial accounting.

BUS205.Management and Organisation (3 credits) The objective of this course is to define the terms Management and Organizational Behavior relate to a considerable breadth and depth of topics relative to both the business world and the construction management industry. We often hear terms such as change agent, accountability, ethical conduct, paradigm shift, team building, culture and a plethora of

others. The terms may seem strange in the macho world of construction however; an appreciation for these concepts is crucial to becoming a successful construction manager. This course will seek to enhance your understanding of management principles and organizational behavior theories and their relationship to the construction management profession.

BUS212. Statistics II (3 credits) The objective of this course is to equip students with an understanding of inferential statistics (i.e. making valid generalizations for the entire population using sample data) and analytical thinking. Discussions will range from key concepts to useful data resources. Among topics covered are: Sampling distribution, estimation, hypothesis testing and simple regression analysis. *Prerequisite: BUS211 Statistics I*

BUS220. Entrepreneurship (3 credits) (*See General Education*)

TRA206 Import Export Management (3 credits) The purpose of this course is to study the structure and dynamics of international trade within an evolving world economy from the perspective of a developing country, especially Turkey. Students will analyze the essential characteristics of foreign trade structures of developing countries within recent periods of world economy.

BUS301. Principles of Marketing (3 credits) The purpose of this course is to introduce students the marketing principles and concepts. Upon successful completion of this class, students will have knowledge of marketing strategy, marketing environment, marketing research, target market and segmentation, marketing mix strategies, and global marketing.

FNC301. Fundamentals of Corporate Finance (3 credits) (*See General Education*)

ECO305. International Economics (3 credits) The purpose of this course is to prepare students to be managers for the increasingly competitive international trade world. The emphasis of this course will be on concepts and theories of international trade. Students can define and explain international trade theorems, concepts and theories of international finance (balance of payments, foreign-exchange market, monetary systems, and current account).

TRA307. Foreign Trade Strategies (3 credits) The purpose of this course is to design to prepare students to be managers for the increasingly competitive international trade world. The emphasis of this course will be on approaches to and, operations and procedures of insurance. Through chapters, readings, and case analyses, we will discuss issues related to basic theoretical approaches to insurance, terms of trade or Incoterms, terms of payment, international commercial documents. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills.

TRA302. Financing Foreign Trade (3 credits) The purpose of this course is to prepare students to learn how to identify the need of foreign trade, the different kinds of foreign trade product , how to approach to the best appropriate choice, as well as assessing various risks to bank, buyer and sellers at international trade transactions. Students will also gain the ability to understand and identify ways of analyzing the underlying risks associated with trade finance transactions. They will be trained to find-out how to carry out the processes involved international payment terms especially in open accounts, documentary collections, letters of credit and international contract guarantees. In addition to all these students will be provided information about other types of international trade financing techniques such as buyers credit, government incentives, export credit agency facilities, project financing and also

various financing alternatives through Turkish Eximbank products. Furthermore, the students will see some other financing products like factoring, leasing and acceptance credits. Through chapters, readings, and case analyses, we will discuss issues related to comparison of environmental framework between theories and reality.

TRA304. Customs Operations (3 credits) This course designed to prepare students to gain knowledge about customs procedures, implementation and laws. The emphasis of this course will be identifying the components of foreign trade and the national and international rules of foreign trade. Through laws, legislations, database searches, educational videos, readings, and case analyses, we will discuss issues related to global implementation of customs procedures. Added to this students will be able to examine the effects of customs procedures and practices on the other areas and recognize risk creative issues encountered in customs procedures and practices. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills.

TRA308. International Trade Organisations and EU (3 credits) The purpose of this course is to prepare students to be managers for the increasingly competitive international trade world. The emphasis of this course will be on the international trade environment, multilateral and regional trade agreements. Through chapters, readings, and case analyses, we will discuss issues related to types of trade policies, main international trade organizations and agreements; how and why they developed; current discussions and changes in them. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills.

TRA401. Foreign Exchange Regimes (3 credits) The purpose of this course is to study the structure and dynamics of international trade within an evolving world economy from the perspective of a developing country, especially Turkey. Students will analyze the essential characteristics of foreign trade structures of developing countries within recent periods of world economy.

TRA403. Quality Standards in Foreign Trade (3 credits) The purpose of this course is to inform the staff of companies which export goods with international norms and to improve their skills about quality and standards. The emphasis of this course is to determine how important to know the relationship between standards and international trade, to show how standards are necessary for global trade applications. To enhance awareness of the standards to prevent their commercial barrier. Making necessary explanations to make healthy foreign trade.

TRA407. Communication with Market and E-Business (3 credits) The purpose of this course is to study the structure and dynamics of international trade within an evolving world economy from the perspective of a developing country, especially Turkey. Students will analyze the essential characteristics of foreign trade structures of developing countries within recent periods of world economy.

ELECTIVES

ENG113. Academic Reading and Writing I (3 credits) (*See General Education*)

ENG114. Academic Reading and Writing II (3 credits) (*See General Education*)

LOG201.Fundamentals of Logistics (3 credits) (*See General Education*)

LOG209.Regulations in Transportation and Logistics (3 credits) The purpose of this course is to provide students necessary information about regulations in transportation and logistics.

FNC252.Manageirial Accounting (3 credits) The objective of the course is exploring the importance of using cost and financial accounting data in decision-making. Students are introduced to the importance of such data to decision-making by discussing the principles and basic applications of cost and financial accounting.

LAW384.Fundamentals of Commercian Law (3 credits)The main aim of the Commercial Law course is to provide students with commercial law information that will aid them in management. The legal rules that are connected to management are explained within a limited framework. The required information for the students' future professional life regarding sale and hire contracts within the scope of the law of obligations special provisions will be explained. Besides, general concepts within the area of private law and public law will be examined.

BUS206.Human Resource Management (3 credits) This course is designed to prepare students to be managers for the increasingly competitive business world. The students will be able to identify human resource management and explain how HRM contributes to an organization's performance and also recognize the importance of hiring and developing employees so that they become more valuable to the organization.

TRA207.Sales, negotiation and communication techniques in international trade (3 credits)The purpose of this course is to teach that sales is the ultimate aim of companies which are producing tangible and intangible goods and services. In order to manage export and import operations or international trade activities in general, they have to understand fundamentals of sales management, negotiation and business communication skills. They are integral and indispensable parts of effective business deals. These three parts will be delivered with important aspects. Cases, presentations, company visits and role-playing will be used as supplementary teaching practices.

FNC302.Financial Management (3 credits) The objective of this course is to introduce the students to the specifics of financial management.These include the in-depth analysis of capital budgeting with regard to capital investment decisions and project evaluation. The emphasis, then, shifts to the basic lessons derived from the capital market history: the risk premium and the variability of returns. A careful treatment of the systematic and unsystematic components of the risk will be followed by one of the most important concepts in financial management: Security Market Line. These are to analyze the subtle relationship among the concepts of required rate of return, discount rate and cost of capital. Then the scrutiny of weighted **A cost capital is to provide a powerful insight concerning that the subjectivity on the exogenous determination of discount rates or required rate of returns are no more needed. Finally the course concludes with the financing decisions of long-term investments such as how to raise capital and how to handle financial structure and capital structure policies.

FNC304 Money and Banking (3 credits) (*See General Education*)

BUS304 Marketing Management (3 credits) The aim of this course is to explain students the fundamental principles and concepts of marketing management. Upon successful completion of this class, students will have knowledge of strategic planning and developing marketing strategy, analyzing

the environment and managing market information, understanding consumer and business markets, developing customer driven marketing strategy, delivering value by product development, pricing, distribution, and promotion strategies, creating competitive advantage and implementing global marketing tools.

LOG218 Warehouse and Distribution Systems (3 credits) The purpose of this course is to explain, storage function, the basic functions of logistics management, with administrative details. Students will learn warehousing activities separately. This course includes the concepts of storage, storage activities such as receiving, stocking, material handling, packing and labeling, the selection of warehouse location, handling equipments and types of storage systems and selection criteria of storage systems.

LOG312. Material Handling and Packaging (3 credits) The purpose of this course is to explain the material handling tools to the students. This course presents methods and equipment in handling materials in a warehouse, in a production facility, during transport or in hostile environments. Theory and practice are tightly related in materials handling therefore both theoretical and practical issues are presented and discussed.

BUS303 International Business (3 credits) This course is designed to prepare students to be managers for the increasingly competitive business world. The emphasis of this course will be on the international business environment and the challenges of the multinational enterprise (MNE) in crafting global business strategies. Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about trade and investment, global strategy, structure and implementation, world financial environments, managing international operations. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills.

ECO401. Turkish Economy (3 credits) The purpose of this course is to provide students a general view of the Turkish economy within a historical context. Dynamics and main issues of the Turkish economy will be dealt with from a historical and analytical perspective. The course content constitutes of the economic conditions and policies in the late-Ottoman period, establishment of the Turkish Republic, Great Depression years, protectionist policies and 'etatism' in the 1930s, Second World War period, reconstruction period after the war and Turkey's integration with the world economy, economic planning and import-substitution model in the 1960s, economic stagnation and foreign debt crisis in the 1970s, new economic programme in the 1980s, trade liberalisation, financial liberalisation, the economic crises from the 1990s onwards, current issues of the Turkish economy.

FNC401 International Finance and Derivatives (3 credits) The main objective of this course is to explore the primary theoretical and practical concepts that dominate international financial markets and those that should be taken into consideration during international risk management and investment decisions. The purpose of this course is to acquaint students about the essential skills as well as to provide students with the adequate practical and theoretical background regarding international finance and derivatives that can further be used in professional or academic career. The course is structured in such a manner so that students can acquire these necessary skills to conduct a sophisticated assessment of current issues and debates covered by popular media as well as more specialized finance journals.

FNC405. Financial Analysis (3 credits) The purpose of this course is to examine the processes and methods of financial analysis. The means of analysis range from computation of ratios and cash flow measures to earnings prediction and equity valuation. It demonstrates how analysis tools and techniques

enhance users' decisions—including company valuation and lending decisions. It shows how financial statement analysis reduces uncertainty and increases confidence in business decisions.

LOG309 Supply Chain Management (3 credits) This course aims to introduce some important principles of supply and buying management to the students. Basic approach is, the experience of the business environment will be discussed and theoretical knowledge will be explained.

LOG411 Purchasing and Contract Management (3 credits) The purpose of this course is to present the fundamental sourcing management knowledge for managers involved in procurement and purchasing activities. It covers the role and strategy of purchasing, contracting and the procurement processes in logistics. The lecture addresses the integration of these processes within the overall corporate strategy and covers the measurement and use of performance and financial controls that aid efficient and effective supplier management.

TRA309.Quantitative Analysis (3 credits) The purpose of this course is to know the general aspects of quantitative analysis In this course, research methods, The quantitative analysis approach, regression models, forecasting, linear programming, goal programming, decision analysis, game theory will be explained in details.

TRA405.Foreign Trade and Corporations Management (3 credits) The purpose of this course it to teach that decision-making in the process of conducting foreign trade companies, creating jobs, product selection, knowledge of business dynamics as management to determine how to use all this, the management dynamics of it brought administrator accordance with foreign trade and employees' productivity and ensure effectiveness.

TRA411.Foreign Trade and the World Economy (3 credits) The purpose of this course is to study the structure and dynamics of international trade within an evolving world economy from the perspective of a developing country, especially Turkey. Students will analyze the essential characteristics of foreign trade structures of developing countries within recent periods of world economy.

TRA413.Innovation Management in Foreign Trade (3 credits) This course will investigate the fundamental notions, characteristics, models and importance of innovation management in foreign trade. Discussions will range from strategic approaches of innovation to describe processes from idea generation to commercialization. Among the topics covered are: the definition of innovation, creativity, types of innovation, diffusion of innovation, commercial aspects of innovation, intellectual property rights, innovation clusters, source of innovation.

BUS413.Strategic Management (3 credits) The objective of this course is to introduce the key concepts, tools, and principles of strategy formulation and competitive analysis. It is concerned with managerial decisions and actions that affect the performance and survival of business enterprises. The course is focused on the information, analyses, organizational processes, and skills and business judgment managers must use to devise strategies, position their businesses, define firm boundaries and maximize long-term profits in the face of uncertainty and competition. Strategic Management is an integrative and interdisciplinary course. It assumes a broad view of the environment that includes buyers, suppliers, competitors, technology, the economy, capital markets, government, and global forces and views the external environment as dynamic and characterized by uncertainty. In studying strategy, the course draws together and builds on all the ideas, concepts, and theories from your functional courses such as Accounting, Economics, Finance, Marketing, Organizational Behavior, and Statistics.

BUS404.Customer Relations Management (3 credits) The aim of this course is to explain students the fundamental principles and concepts of customer relationship management. Upon successful completion of this class, students will have knowledge of CRM and CRM applications, how CRM fits into overall marketing strategy, customer data integration and requirements, CRM systems and sales force automation applications, CRM integration with marketing automation, and the importance of ethics and privacy in CRM.

BUS406.International Marketing (3 credits) This course introduces students the importance of global marketing, management orientations, and forces affecting global integration and marketing. Students will become familiar with the global economic, social, cultural, political, legal and regulatory environments. They will learn the factors which are important for segmentation, targeting, positioning and global marketing mix strategies. Global information systems and market research, the digital Revolution, and global e-commerce will be covered. Students will develop an understanding of the global competition, the strategic elements of competitive advantage, leadership, organization, and corporate social responsibility.

ECO402.Current Economic Issues (3 credits) The aim of the course is to cover key economic problems and economic policies of Turkey in relation with the world economy and to provide students with analytical tools that would help them examine critically current economic challenges of the Turkish economy. The topics covered are national income accounts and related issues, economic growth, income distribution, employment and unemployment, inflation, monetary system and central banking, public sector and fiscal policy, international economic relations, balance of payments accounts, global crisis.

FNC402.Financial Markets and Institutions (3 credits) (*See General Education*).

TRA404.Regional Economics and Target Market Economics (3 credits) The purpose of this course is to prepare students to be managers for the increasingly competitive international trade world. The emphasis of this course will be on concepts and categories of target market economies. Through chapters, readings, and case analyses, we will discuss issues related to concepts of economic analysis of target markets, geographical and economic categories of target markets, integrations of countries, regional groupings of countries, importance of emerging economies, how to do business in emerging and developing countries, the target market economies of Turkey. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills.

FACULTY OF EDUCATION

English Language Teaching

About Program

The aim of the English Language Teaching Department is to raise teachers who are equipped with the knowledge, skills, and qualifications in the field of language teaching. The program also provides students with teaching practice opportunities as to help them become familiar with the latest developments in the field and develop themselves as teachers of English.

Objectives

The aim of the English Language Teaching Department is to train perspective teachers with a wide perspective on language, language learning and language teaching. The program aims to educate students to become qualified English teachers who are able to teach in the primary, secondary and tertiary educational institutions.

The total credits required for the satisfactory completion of the curriculum are 162 credits that include 8 credits of internships (2 courses).



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
İDE 111	Contextual Grammar I	Yes	Yes	3 + 0	3
İDE 121	Advanced Reading and Writing I	Yes	Yes	3 + 0	3
İDE 131	Listening and Pronunciation I	Yes	Yes	3 + 0	3
İDE 141	Oral Communication Skills I	Yes	Yes	3 + 0	3
ENF 101	Computer I	Yes	Yes	2 + 2	3
İDE 151	Effective Communication	Yes	Yes	3 + 0	3
EGT 111	Introduction to Educational Science	Yes	Yes	3 + 0	3
TRD101	Turkish Language I	Yes	Yes	2 + 0	2
Total					23

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
İDE 122	Advanced Reading and Writing II	Yes	Yes	3 + 0	3
İDE 112	Contextual Grammar II	Yes	Yes	3 + 0	3
İDE 132	Listening and Pronunciation II	Yes	Yes	3 + 0	3
İDE 142	Oral Communication Skills II	Yes	Yes	3 + 0	3
İDE 152	Lexical Competence	Yes	Yes	3 + 0	3
ENF 102	Computer II	Yes	Yes	2 + 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

TRD102	Turkish Language II	Yes	Yes	2 + 0	2
EGT 142	History of Turkish Education	Yes	Yes	2 + 0	2
Total:					22

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
İDE 211	English Literature I	Yes	Yes	3 + 0	3
İDE 221	Linguistics I	Yes	Yes	3 + 0	3
İDE 231	Approaches in English Language Teaching I	Yes	Yes	3 + 0	3
İDE 261	English-Turkish Translation	Yes	Yes	3 + 0	3
EGT 211	Scientific Research Methods	Yes	Yes	2 + 0	2
EGT 241	Principles of Teaching and Learning	Yes	Yes	3 + 0	3
EGT 152	Psychology of Education	Yes	Yes	3 + 0	3
Total:					20

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
İDE 212	English Literature II	Yes	Yes	3 + 0	3
İDE 222	Linguistics II	Yes	Yes	3 + 0	3
İDE 232	Approaches in English Language Teaching II	Yes	Yes	3 + 0	3
İDE 262	Turkish – English Translation	Yes	Yes	3 + 0	3
İDE 242	Language Acquisition	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

IDE 252	Expression Skills	Yes	Yes	3 + 0	3
IDE272	Materials Design and Use in Education	Yes	Yes	2 + 2	3
Total:					21

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
IDE 311	Teaching Foreign Languages to Children I	Yes	Yes	2 + 2	3
IDE 321	Special Teaching Methods I	Yes	Yes	2 + 2	3
IDE 331	Teaching Language Skills I	Yes	Yes	2 + 2	3
IDE 341	Foreign Language Syllabus I	Yes	Yes	3 + 0	3
EGT 261	History of Science	Yes	Yes	3 + 0	3
EGT 311	Classroom Management	Yes	Yes	2 + 0	2
EGT 411	Community Service Practice	Yes	Yes	1 + 2	2
	Second Additional Language I	No	Yes	2 + 2	3
Total:					22

6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
IDE 312	Teaching Foreign Languages to Children II	Yes	Yes	2 + 2	3
IDE 322	Special Teaching Methods II	Yes	Yes	2 + 2	3
IDE 332	Teaching Language Skills II	Yes	Yes	2 + 2	3
IDE 342	Foreign Language Syllabus II	Yes	Yes	3 + 0	3
EGT 232	Testing and Evaluation	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Elective	Yes	Yes	2 + 0	2
	Second Additional Language I	No	Yes	2 + 2	3

6th SEMESTER ELECTIVE COURSE LIST

Code	Course Title	*C	**A	***L+P Hours	Credits
İDE 352	Short Story Analysis	Yes	Yes	2 + 0	2
Total					20

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
İDE 411	Materials Analysis and Development in Foreign Language Teaching	Yes	Yes	3 + 0	3
ATA101	Principles of Kemalism and History of Republican Reforms I	Yes	Yes	2 + 0	2
EGT 421	Turkish Educational System and School Administration	Yes	Yes	2 + 0	2
EGT 331	School Experience	Yes	Yes	1 + 4	3
RPD201	Guidance and Psychological Counselling	Yes	Yes	3 + 0	3
EGT 251	Special Education	Yes	Yes	2 + 0	2
	Elective	Yes	Yes	2 + 0	2
	Second Additional Language III	No	Yes	2 + 2	3

7th SEMESTER ELECTIVE COURSE LIST

Code	Course Title	*C	**A	***L+P Hours	Credits
İDE 431	Novel Analysis	Yes	Yes	2 + 0	2
İDE 432	Brain and Language	Yes	Yes	2 + 0	2
Total:					20

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
IDE 412	Testing and Evaluation in Foreign Language Teaching	Yes	Yes	3 + 0	3
ATA102	Principles of Kemalism and History of Republican Reforms II	Yes	Yes	2 + 0	2
IDE 422	Teaching Practice (Practicum)	Yes	Yes	2 + 6	5
EGT 412	Comparative Education	Yes	Yes	2 + 0	2
	Elective	Yes	Yes	2 + 0	2

8th SEMESTER ELECTIVE COURSE LIST

Code	Course Title	*C	**A	***L+P Hours	Credits
IDE 441	Semantics	Yes	Yes	2 + 0	2
Total:					14
Total Credits					162

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

IDE111 Contextual Grammar I (3 credits) The purpose of this course is to focus on structural patterns, sentence, clause and phrase structures in English.

IDE121 Advanced Reading and Writing I (3 credits) This course focuses on the basics of paragraphs and essays, revision of paragraph, introduction to essays, narrative paragraph reading and writing sample narrative paragraph, descriptive paragraph reading and writing sample descriptive paragraph expository paragraph reading and writing sample expository paragraph, introduction to the essay, writing an introductory paragraph (thesis statement)writing an outline.

IDE131 Listening and Pronunciation I (3 credits) This course is aimed to help improve your listening and speaking skills to not only to understand but also to enhance your knowledge on various topics in education and language teaching. Additionally, this course provides several activities to improve skills related to intonation and pronunciation. Last but not least, this course aims to increase awareness of learning proper pronunciation as a teacher-candidate.

IDE141 Oral Communications Skills 1 (3 credits) This course focuses on communication oriented speaking such as discussions, individual presentations and other interactive tasks; formal and informal language, informative presentations, supra-segmental features (pitch, stress, intonation), the use of audio-visual aids and other instructional aids.

ENF101 Computer I (3 credits) (*See General Education*)

IDE151 Effective Communication (Etkili İletişim) (3 credits)This course is designed to prepare students to help students to become an effective communicator. The main aim is to introduce the structure and the types of interpersonal communication, effective listening and feedback, the factors affecting communication. The students will learn the basics of effective communication and have ample opportunity to practice and improve their communication skills. The students will build a trust and self-esteem. (*This course is given in Turkish.*)

EGT111 Eğitim Bilimine Giriş (Introduction to Educational Science) (3 credits) The purpose of this course is to provide students with a general knowledge about educational sciences. Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about education science. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills.

(*This course is given in Turkish.*)

IDE122 Advanced Reading and Writing II (3 credits) The course focuses on advanced reading and writing skills, sub-skills, basic research skills, different types of authentic reading texts, types of essays. *Prerequisite: IDE121.*

IDE112 Contextual Grammar II (3 credits) Focus on identifying the difference among approach, method and technique, and emphasize the significance of these concepts in course design. A critical overview of methods and approaches taking a historical perspective, classroom application possibilities of such methods through designing micro-teaching of activities associated with them. *Prerequisite: IDE111.*

IDE132 Listening and Pronunciation II (3 credits) This course is aimed to help improve your listening and speaking skills to not only to understand but also to enhance your knowledge on various topics in education and language teaching. Additionally, this course provides several activities to improve skills related to intonation and pronunciation. Last but not least, this course aims to increase awareness of learning proper pronunciation as a teacher-candidate. *Prerequisite: IDE131.*

IDE142 Oral Communication Skills II (3 credits) The purpose of this course is to focus on communication-oriented speaking such as discussions, individual presentations and other interactive tasks; formal and informal language; informative and persuasive presentations; supra-segmental features (pitch, stress and intonation); use of audio-visual aids (OHP, power point, posters) and techniques. *Prerequisite: IDE141.*

IDE152 Lexical Competence (3 credits) In this course, students will learn how to effectively communicate in English in a manner which would be considered native. Students will evaluate texts and audio recordings which showcase excellent or unusual English and try to adopt or avoid certain styles of writing and speaking. The goal is for students to speak and write like native speakers of English.

ENF102 Computer II (3 credits) (*See General Education*)

EGT142 Türk Eğitim Tarihi (History of Turkish Education) (2 credits) This course is designed to improve learners knowledge and skills through concepts regarding the importance of the Turkish Education, history of Turkish Education during the pre-Islamism period, history of Turkish education after Islamism, basic characteristics of education during the foundation of Turkish Republic, the educational reforms, teacher training methods from past to present, the organization and structure of Turkish Ministry of education, educational policies and developments in the Turkish education. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. (*This course is given in Turkish.*)

IDE211 English Literature I (3 credits) In this course, students will read stories and watch films that are considered exceptional for the English language. Texts will come from all around the English speaking world, including America, Trinidad, Nigeria, etc. Students will learn to evaluate the texts and films in a critical way.

IDE221 Linguistics I (3 credits) This course focuses on a short history, basic assumptions, basic questions and problems of linguistics; modern approaches towards linguistics; signs and sign systems; language as a system; basic properties of human language; components of linguistics (phonetics, phonology, morphology, syntax, semantics).

IDE231 Approaches to English Language Teaching I (3 credits) Focus on identifying the difference among approach, method and technique, and emphasize the significance of these concepts in course design. A critical overview of methods and approaches taking a historical perspective, classroom application possibilities of such methods through designing micro-teaching of activities associated with them.

IDE261 İngilizce.Türkçe Çeviri (English-Turkish Translation) (3 credits) Various topics related to translation such as fundamental theories and approaches in translation; the role of genre in translation, error analysis, different translation methods are included within the course. (*This course is given in Turkish.*)

EGT211 Bilimsel Araştırma Yöntemleri (Scientific Research Methods) (2 credits) The basic concepts and methods, research process and reports, importance of scientific research, qualitative and quantitative research. (*This course is given in Turkish.*)

EGT241 Öğretme İlkeleri ve Teknikleri (Teaching Principles and Techniques) (3 credits) The purpose of this course is to allow students to develop knowledge, skills and attitudes toward using the principles of learning and teaching, affective study skills, and learning and teaching methods and technics. This course design also aims to prepare students to plan and teach in different curricular and learning environments. During the lectures, students will be taking on leadership responsibilities and

work with other people in teams while developing creative classroom environments. (*This course is given in Turkish.*)

EGT152 Eğitim Psikolojisi (Psychology of Education) (3 credits) This course is designed to review the new approaches of the education and early childhood development, educational models and strategies and evaluate the requirements of our country. The contents of this course are basic concepts, principles development, factors that affecting development, fundamental principles of theory of cognitive, moral and personality development in early childhood and also review the new approaches in development and modern education systems. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. (*This course is given in Turkish.*)

IDE212 English Literature II (3 credits) This course designed to define basic knowledge of samples from classics of English literature, and analyze these samples; explain basic types within the contexts of literary periods and related literary concepts; develop language skills through the practice of language skills and cultural knowledge attained from the study of selected texts.

IDE222 Linguistics II (3 credits) This course focuses on pragmatics, discourse analysis, sociolinguistics, psycholinguistics, language perception, language production, cognitive development.

IDE232 Approaches to English Language Teaching II (3 credits) As a continuation of approaches to ELT I, this course focuses on current issues and practices in ELT course design, selecting the appropriate approach suitable to learner needs based on current distinctions such as ESL, EFL, EIL, ESP, EAP. It defines current foreign language teaching trends such as constructivist approach.

IDE262 Turkish-English Translation (3 credits) This course focuses on theory of translation, translation and language teaching, current studies on translation, examples of translation, comparative sentence structures, analysis of sentences, techniques for translating the phrase and the sentence, dictionary use, text translations.

IDE242 Language Acquisition (3 credits) This course focuses on theories of first language acquisition, second language acquisition/learning, foreign language learning (behaviorist, innatist, cognitive and connectionist models), varieties affecting the process, observing the second/foreign language classroom.

IDE252 Anlatım Becerileri (Expression Skills) (3 credits) This course is designed to prepare students to help students to become an effective communicator. The main aim is to introduce the structure and the types of interpersonal communication, effective listening and feedback, the factors affecting communication. The students will learn the basics of effective communication and have ample opportunity to practice and improve their communication skills. The students will build a trust and self-esteem. (*This course is given in Turkish.*)

IDE272 Materials Design and Use in Education (3 credits) Students in this class are exposed to many types of course materials. Selecting the right materials, including textbooks and non-print materials, is the focus of this class. Students learn to select materials based on cost, quality, availability and other factors.

IDE311 Teaching Foreign Languages to Children I (3 credits) The purpose of this course is to build basic knowledge about basic concepts of human development, how human learning takes place, learning styles and strategies, factors affecting second language learning and personality characteristics. The main topic titles are as follows: General character of Turkish education system, primary education in Turkey, objectives of learning English at primary level, studies on human development, language development in the child, language and cognition, learning styles and strategies, foreign language learning at primary level, characteristics of young learn, selecting, evaluating and developing materials

for young language learners, songs/chants, games, storybooks technology, teaching vocabulary and grammar to young learners.

IDE321 Special Teaching Methods I (3 credits) This course focuses on recognition of presentation, practice, and production; curriculum types, criteria, criterion based learning, proficiency types, ELDF, Common Framework of European Union.

IDE331 Teaching Language Skills I (3 credits) This course designed to define the roles of teacher and learners, and effective learning-teaching environment, study on the different stages and techniques of pronunciation, vocabulary, and grammar teaching, design activities for learners of different ages and proficiency levels, use micro-teaching technique, plan a lesson and evaluate the teaching performance in practice sessions.

IDE341 Yabancı Dil İzlemleri I (Foreign Language Syllabus I) (3 credits) This course focuses on the principals involved in planning and designing an effective syllabus. *(This course is given in Turkish.)*

EGT261 Bilim Tarihi (History of Science) (3 credits) Evolution of science from old ages to date. Science in the age of İonia, Helen, Muslim-Turk (Arabic, Horasan, Selçuk, Endülüs, Ottoman).Development of mathematic, medicine, biology and physic.Revolution of science and technology in 20.Century. *(This course is given in Turkish.)*

EGT311Sınıf Yönetimi (Classroom Management) (2 credits) The purpose of the course is to present the basic concepts and principles of classroom management, classroom management approaches, behaviour modification methods and theories. The course refers to the wide variety of skills and techniques that teachers use to keep students organized, orderly, focused, attentive, on task, and academically productive during a class. When classroom-management strategies are executed effectively, teachers minimize the behaviours that impede learning for both individual students and groups of students, while maximizing the behaviours that facilitate or enhance learning. *(This course is given in Turkish.)*

EGT411 Community Service Practice (2 credits) *(See General Education)*

IDE312 Teaching Foreign Languages to Children II (3 credits) This course designed to use basic classroom methods and techniques in language teaching to young learners, question practicality of different course syllabuses types (e.g.: story-based, content-based, theme-based, task-based), and prepare course syllabuses, and identify effective ways of practice, comprehend basic language skill teaching, gain awareness on effective use of materials, identify classroom management techniques necessary for young learner classrooms, and develop lesson plans and/or materials for language presentations and activities.

IDE322 Special Teaching Methods II (3 credits) This course focuses on basic communicative teaching methods and techniques to apply.

IDE332 Teaching Language Skills II (3 credits) This course designed to recognize the approaches and methods used in teaching reading, writing, listening and speaking, use the techniques in their micro-teaching sessions, plan and discuss about their lessons, evaluate both their own and peers' teaching performance, adapt and develop materials for teaching integrates skills.

IDE342 Foreign Language Syllabus II (3 credits) The course aims to introduce and enable the students to practice different types of Syllabus design methods, analyze learners' needs and roles etc.

EGT232 Ölçme ve Değerlendirme (Assessment and Evaluation) (3 credits) The purpose of this course is to examine the purposes, paradigms and types of assessment and evaluation used in education, and in particular the innovations associated with them. Their roles in directing learning, provision of

feedback to students, feedback strategies to enhance the delivery of instructions and curriculum evaluation, and ensuring standards are achieved are explored. Emerging alternative assessment and reporting processes and the underlying philosophies of selected curricula models/frameworks are highlighted. Specifically, the roles of learners/students, teachers/educators, curriculum designers and administrators/policy makers in assessment and evaluation are discussed. *(This course is given in Turkish.)*

IDE411 Materials Analysis And Development In Foreign Language Teaching (3 credits) This course aims to equip students with the ability to analyse, design and evaluate teaching materials.

EGT421 Türk Eğitim Sistemi ve Okul Yönetimi (Turkish Educational System And School Administration) (2 credits) *(See General Education)*

EGT331 Okul Deneyimi (School Experience) (3 credits) The purpose of this course is to provide an opportunity for students to implement and practice skills learned during academic coursework, while obtaining close supervision on and off site. Students will read current literature in the school-counseling field and also will implement skills such as observation, peer supervision, and program implementation/evaluation. *(This course is given in Turkish.)*

RPD201 Rehberlik ve Psikolojik Danışmanlık (Guidance and Psychological Counseling) (3 credits) The purpose of this course is to introduce a conceptual approach to the field of guidance and psychological counseling. In this course, the role of the guidance counselor, differing counseling orientations, basic assessment techniques, and the development of guidance and counseling services in Turkey are taught. *(This course is given in Turkish.)*

EGT251 Özel Eğitim (Special Education) (2 credits) This course is designed to give basic knowledge in the field of special education, its historical development, and its major concepts and terms. This includes practice in categorizing students of special needs into handicapped groups (mental retardation, poor hearing, poor sight, attention deficit, hyperactivity, emotional-behavioural disorder, autism, spectrum disorder, chronic diseases, multiple handicaps, learning deficit, and high intelligence groups). The students who take the course will be able to enumerate the general characteristics of the handicapped groups, classify the general characteristics of the students in their developmental stages, and interpret the diagnostic procedures. *(This course is given in Turkish.)*

IDE412 Yabancı Dil Öğretiminde Ölçme ve Değerlendirme (Testing and Evaluation in Foreign Language Teaching) (3 credits) This course aims to help learners understand fundamental concepts, principles, and concerns of language testing and evaluation in foreign language teaching. *(This course is given in Turkish.)*

IDE422 Öğretmenlik Uygulaması (Teaching Practice) (Practicum) (5 credits) This course aims to help students relate theories of language learning to L2 classroom experience as well as experiencing various teaching methods. *(This course is given in Turkish.)*

EGT412 Karşılaştırmalı Eğitim (Comparative Education) (2 credits) The primary goal of this course will be to help students understand the historical, cultural, political, and economic forces that shape educational issues. It explores current international education issues and trends, and assists students to develop comparative education research skills and critical awareness of various comparative approaches. Although examples will be drawn from many countries the emphasis will be on comparing the Turkish Education System to one other national educational system. *(This course is given in Turkish.)*

ELECTIVES

IDE 352 Short Story Analysis (2 credits) This course emphasizes the development of the short story by examining the major literary elements of the genre, such as plot, theme, point of view, character, setting, symbol, and irony.

IDE 432 Brain And Language (2 credits) The purpose of this course is to focus on theories of first language acquisition, second language acquisition/learning, foreign language learning (behaviorist, innatist, cognitive and connectionist models), varieties affecting the process, observing the second/foreign language classroom.

IDE 441 Semantics (2 credits) The purpose of this course is to focus on theories of first language acquisition, second language acquisition/learning, foreign language learning (behaviorist, innatist, cognitive and connectionist models), varieties affecting the process, observing the second/foreign language classroom.

IDE431 Novel Analysis (2 credits) This course focuses on close reading of novels in American and British literature. The course also aims to develop insights into responding to novels of different periods.

GER111 Basic German I (3 credits) (*See General Education*)

GER211 German Reading And Speaking I (3 credits) (*See General Education*)

Pre-school Education (Turkish)

About Program

The aim of the Pre-school Education Department is to provide students with a set of abilities and skills to support the psychomotor, social-emotional, linguistic and cognitive development of children who attend preschool institutions, building in self-care skills and preparing the child for primary education. Targeting children between the age of 0-8, the program is a developmental one. In other words it encompasses all areas of development. It is holistic as a program and spiral in terms of its approach to programming.

Objectives

The Pre-school Education Program aims to educate students to become experts on ensuring smooth physical, mental and emotionally development in children and acquisition of positive habits; preparing children for primary education; creating a common environment of education and development for children coming from disadvantaged families and environments; ensuring that children speak Turkish correctly and fluently.

The total credits required for the satisfactory completion of the curriculum are 153 credits credits that include 9 credits of internships (3 courses).



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OKL111	Okul öncesi Eğitime Giriş	Yes	Yes	3 + 0	3
BIY201	Fizyoloji	Yes	Yes	3 + 0	3
PSI161	Psikoloji	Yes	Yes	2 + 0	2
TRD101	Türk Dili	Yes	Yes	2 + 0	2
ATA101	Atatürk İlkeleri ve Inkılap Tarihi I	Yes	Yes	2 + 0	2
ENF101	Bilgisayar I	Yes	Yes	2 + 2	3
EGT111	Eğitim Bilimlerine Giriş	Yes	Yes	3 + 0	3
	Seçmeli	No	Yes	2 + 2	3

1st SEMESTER ELECTIVE COURSE LIST

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG111	Seçmeli	No	Yes	2 + 2	3
Total					21⁴⁰

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OKL102	Anne-Çocuk Sağlığı ve İlk Yardım	Yes	Yes	3 + 0	3
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
ATA102	Atatürk İlkeleri ve Inkılap Tarihi II	Yes	Yes	2 + 0	2
ENF102	Bilgisayar II	Yes	Yes	2 + 2	3
EGT162	Eğitim Felsefesi	Yes	Yes	2 + 0	2
EGT102	Eğitim Psikolojisi	Yes	Yes	3 + 0	3
	Seçmeli	No	Yes	2 + 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

2nd SEMESTER ELECTIVE COURSE LIST

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG112	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
Total					18

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OKL201	Anne-Çocuk Beslenmesi	Yes	Yes	2 + 0	2
OKL211	Erken Çocukluk Döneminde Gelişim I	Yes	Yes	3 + 0	3
OKL221	Yaratıcılık ve Geliştirilmesi	Yes	Yes	2 + 2	3
OKL231	Çocuklarda Oyun Gelişimi	Yes	Yes	2 + 0	2
EGT213	Eğitim Sosyolojisi	Yes	Yes	2 + 0	2
EGT201	Öğretim İlke ve Yöntemleri	Yes	Yes	3 + 0	3
	Seçmeli	No	Yes	3 + 0	3

3rd SEMESTER ELECTIVE COURSE LIST

Code	Course Title	*C	**A	***L+P Hours	Credits
OKL241	Aile Katılımı ve Eğitimi	No	Yes	3 + 0	3
Total					18

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OKL222	Erken Çocukluk Döneminde Gelişim II	Yes	Yes	3 + 0	3
OKL204	Çocuk Edebiyatı	Yes	Yes	2 + 0	2
OKL206	Matematik Eğitimi	Yes	Yes	3 + 0	3
EGT206	Çocuk Ruh Sağlığı	Yes	Yes	3 + 0	3
OKL208	Drama	Yes	Yes	2 + 2	3
EGT142	Türk Eğitim Tarihi	Yes	Yes	2 + 0	2
EGT202	Öğretim Teknolojileri ve Materyal Tasarımı	No	Yes	2 + 2	3
Total					19

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OKL303	Beden Eğitimi ve Oyun Öğretimi	Yes	Yes	2 + 2	3
OKL305	Müzik Eğitimi I	Yes	Yes	1 + 2	2
OKL307	Fen Eğitimi	Yes	Yes	2 + 2	3
OKL301	Göresel Sanatlar Eğitimi	Yes	Yes	2 + 2	3
EGT321	İstatistik	Yes	Yes	2 + 0	2
EGT311	Sınıf Yönetimi	Yes	Yes	2 + 0	2
EGT301	Okulöncesi Eğitimde Özel Öğretim Yöntemleri I	Yes	Yes	2 + 2	3
EGT331	Okul Deneyimi	Yes	Yes	1 + 4	3
Total					21

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EGT302	Okul Öncesi Eğitimde Özel Öğretim Yöntemleri II	Yes	Yes	2 + 2	3
OKL304	Müzik Eğitimi II	Yes	Yes	2 + 2	3
OKL306	Materyal Geliştirme	Yes	Yes	2 + 2	3
EGT310	Etkili İletişim	Yes	Yes	3 + 0	3
EGT300	Bilimsel Araştırma Yöntemleri	Yes	Yes	2 + 0	2
EGT304	Topluma Hizmet Uygulamaları	Yes	Yes	1 + 2	2
EGT308	Özel Eğitim	Yes	Yes	2 + 0	2
EGT350	Ölçme ve Değerlendirme	Yes	Yes	3 + 0	3
Total					21

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

7thSEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OKL401	Aile Eğitimi	Yes	Yes	2 + 0	2
OKL403	Araştırma Projesi I	Yes	Yes	1 + 2	2
EGT403	Rehberlik	Yes	Yes	3 + 0	3
EGT401	Öğretmenlik Uygulaması I	Yes	Yes	2 + 6	5
	Seçmeli	No	Yes	3 + 0	3
	Seçmeli	No	Yes	3 + 0	3

7thSEMESTER ELECTIVE COURSE LIST

Code	Course Title	*C	**A	***L+P Hours	Credits
OKL407	Çocuk Hakları	No	Yes	3 + 0	3
OKL409	Medya ve Çocuk	No	Yes	3 + 0	3
Total					18

8thSEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OKL404	İlköğretime Hazırlık ve İlköğretim Programları	Yes	Yes	2 + 0	2
OKL402	Araştırma Projesi II	Yes	Yes	1 + 2	2
EGT421	Türk eğitim Sistemi ve Okul Yönetimi	Yes	Yes	2 + 0	2
EGT402	Öğretmenlik Uygulaması II	Yes	Yes	2 + 6	5
	Seçmeli	No	Yes	3 + 0	3
	Seçmeli	No	Yes	3 + 0	3

8thSEMESTER ELECTIVE COURSE LIST

Code	Course Title	*C	**A	***L+P Hours	Credits
OKL406	Aile Katılımı ve Uygulamaları	No	Yes	3 + 0	3
OKL408	Okul öncesi Eğitimde Çevre ve Uygulamalar	No	Yes	3 + 0	3
Total					17
Grand Total					153

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

OKL111 Okul öncesi Eğitime Giriş (Introduction to Early Childhood Education) (3 credits) The purpose of this course is to develop student's understanding about main concepts, approaches and philosophies of early childhood education. The students will learn the skills to relate their main knowledge on early childhood education with its details. *(This course is given in Turkish.)*

BIY201 Fizyoloji (Physiology) (3 credits) The aim of this course is to analyze human organism as a complete unity to understand the physiologic structure one-by-one, operation mechanism, and the normal limit values both theoretical and visual. Students will visually inspect the subjects in the educational process to create the foundation for other courses. *(This course is given in Turkish.)*

PSI161 Psikoloji (Psychology) (2 credits) The purpose of this course is to introduce the definition of key issues related to psychology, history of psychology, theories, and biological basis of other theories in general. *(This course is given in Turkish.)*

ENF101 Bilgisayar I (Computer I)(3 credits) *(See General Education)*

EGT111 Eğitim Bilimlerine Giriş (Introduction to Educational Sciences) (3 credits) The purpose of this course is to provide students with a general knowledge about educational sciences. Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about education science. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish.)*

OKL102 Anne-Çocuk Sağlığı ve İlk Yardım (Mother-Child Health and First Aid) (3 credits) The purpose of this course is to design prepare students to define mother and child health, to analyze the situation of children health in Turkey and in the world, to recognize the formation of pregnancy, to explain the child development in pregnancy period, to state the effects of illness and accidents in pregnancy period to child, to state the physical development (tooth, height, weight) of children between the ages of 0-6 and explain how to track this development, to differentiate illnesses (diarrhea and respiratory tract diseases, immunization and exanthematous diseases, parasitary infections, etc.) of children between the ages of 0-6, to restate the protection methods, vaccines, to state women's health problems in certain life periods, to interpret family planning, to estimate what teachers should do as first aid when they face with physical injuries such as burning, insect sting, poisoning, swallowing foreign object, etc. *(This course is given in Turkish.)*

ENF102 Bilgisayar II (Computer II) (3 credits) *(See General Education)*

EGT162 Eğitim Felsefesi (Philosophy of Education) (2 credits) This course is designed to improve learner's knowledge and skills through definition of philosophy and its fields, philosophy and the relationship between education, scientific and philosophical approach to education, philosophy and philosophy of education, philosophical effects of education, and philosophy of the Turkish education system that based on. This course also will address how historical influences, settings, and ideas have influenced and continue to have relevance for education and life today. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish.)*

EGT102 Eğitim Psikolojisi (Educational Psychology) (3 credits) The purpose of this course is designed to review the new approaches of the education and early childhood development, educational models and strategies and evaluate the requirements of our country. The contents of this course are basic concepts, principles development, factors that affecting development, fundamental principles of theory of cognitive, moral and personality development in early childhood and also review the new approaches in development and modern education systems. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish.)*

OKL201 Anne-Çocuk Beslenmesi Mother-Child Nutrition (2 credits) The purpose of this course is to understand the importance of nutrition in healthy growth and development, recognition of nutrients, knowing nutrients contained in other nutrients, do the proper nutrition plan for healthy eating in preschool children. *(This course is given in Turkish.)*

OKL211 Erken Çocukluk Döneminde Gelişim I (Development in Early Childhood Period I) (3 credits) The purpose of this course is to improve learner's knowledge and skills regarding the concepts of physical growth and motor development, cognitive development and approaches, factors effecting cognitive development, language development, approaches and stages. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish.)*

OKL221 Yaratıcılık ve Geliştirilmesi (Creativity and It's Development) (3 credits) The purpose of this course is to gain basic knowledge about creativity and the development of creativity. The course aims to gain the ability to apply and develop activities in light of approaches consistent with the notion of creativity and its development; it also provides an ability to think creatively and critically. *(This course is given in Turkish.)*

OKL231 Çocuklarda Oyun Gelişimi (Play Development in Children) (2 credits) The purpose of this course is to develop learners' knowledge and understanding of play and its importance for children and their development. At the end of this course learners will understand play's vital role on children *(This course is given in Turkish.)*

EGT213 Eğitim Sosyolojisi (Educational Sociology) (2 credits) The purpose of this course is achieving the overall aim of sociology and philosophy, to give students the basic concepts and principles of sociology, to show the link of mutual relationship between sociology and education. *(This course is given in Turkish.)*

EGT201 Öğretim İlke ve Yöntemleri (Teaching Principles and Techniques) (3 credits) The purpose of this course is to allow students to develop knowledge, skills and attitudes toward using the principles of learning and teaching, affective study skills, and learning and teaching methods and techniques. This course design also aims to prepare students to plan and teach in different curricular and learning environments. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing creative classroom environments. *(This course is given in Turkish.)*

OKL222 Erken Çocukluk Döneminde Gelişim II (Early Childhood Development II)(3 credits) The purpose of this course is to develop student's understanding about psycho – social, moral and personality development in early childhood. Main concepts and developmental stages of psycho – social development will be explained with details. The theories regarding personality development will be discussed. Main concepts and developmental stages of moral development will be defined and discussed. We will analyze psycho – sexual development characteristics and applications of psycho – sexual education. *(This course is given in Turkish.)*

OKL204 Çocuk Edebiyatı (Children's Literature) (2 credits) The aim of this course, to define the concept of child and childhood and the concept of children's literature. In this course, we will examine the books influence children's development, the development of interest in literary works for children, children's literature's history, basic elements to be included in pre-school children's books, fairy tales, narrative, children's literature game types (rhymes, riddles, etc.), poetry, biography, memoir and travel writing, picture books and science books in preschool education, children gaining reading habit issues will be discussed. *(This course is given in Turkish.)*

OKL206 Matematik Eğitimi (Mathematics Education) (3 credits) The purpose of this course is to give individual self-confidence and competence to the students working with children in the preschool period to contribute to mathematics education. For this purpose, the activities will be combining student's information and technical support for the teaching of mathematical concepts to children and put forward their own training methods. The aim is to provide a creative space to find out daily life benefits for problem solving in mathematics to be cognizant and a wide frame sequences to identify the mathematical concepts in the activity of students. *(This course is given in Turkish.)*

EGT206 Çocuk Ruh Sağlığı (Child's Mental Health) (3 credits) The purpose of this course is to determine the nature of an individual's mental health problem is the first step toward rational and effective intervention. In the case of children the critical task of formulating a diagnosis is further complicated by the currently shifting conceptualizations of the nature and determinants of pathology in these age groups. This course designed to prepare students to expand their knowledge and skills in the field of child mental health. It examines the various components of child mental disorders, and explores the variety of assessment, interviewing, and communication skills needed when working with children with mental health issues. *(This course is given in Turkish.)*

OKL208 Drama (Drama) (3 credits) The purpose of this course is to prepare to plan and implement activities for pre-school students and to recognize the importance of drama in education and developmental effects of early childhood drama in education as well as to understand the relationship between drama and development. Students will learn about drama, drama in education process and planning, implementation and evaluation and will understand the critical role of drama. *(This course is given in Turkish.)*

EGT142 Türk Eğitim Tarihi (Turkish Education History) (2 credits) The purpose of this course is to improve learners knowledge on the importance of the Turkish education system, history of Turkish education system during the pre-Islamic period, history of Turkish education after Islamism, basic characteristics of education during the foundation of Turkish Republic, the educational reforms, teacher training methods from past to present, the organization and structure of Turkish Ministry of education, educational policies and developments in the Turkish education. *(This course is given in Turkish.)*

EGT202 Öğretim Teknolojileri ve Materyal Tasarımı (Instructional Technology and Material Development) (3 credits) The purpose of this course is to expose many types of course materials.

Selecting the right materials, including textbooks and non-print materials, is the focus of this class. Students learn to select materials based on cost, quality, availability and other factors. (*This course is given in Turkish.*)

OKL303 Beden Eğitimi ve Oyun Öğretimi (Play and Physical Education) (3 credits) The aim of this course is to prepare the students to be entitled to know the physical development characteristics of the child , to know the importance of physical activity role in the development of children, to know the category of human action, to choose group activities for individuals according to the category of human actions and to recognize the specifics movements of pre-schoolers, to apply physical education applications (training games, games with materials, class games, rhythmic activities and musical games) to create physical education activities respectively, to analyze the applications of physical education activities with the appropriate materials selection, to prepare a suitable environment for physical education activities, to grasp the skills needed to be considered by the teacher in physical education activities to gain. (*This course is given in Turkish.*)

OKL305 Müzik Eğitimi I (Music Education I) (2 credits) The purpose of this course; is to signify the place and importance of music in child development, using music in child education, rhythm activities in preschool period, audio listening, sound discrimination exercises, singing, listening to music. The aim of this course is to share and to promote current ideas in early childhood music education that are based on research and best pedagogical practices and assure every child's right to musical development, thereby enhancing the quality of children's lives. (*This course is given in Turkish.*)

OKL307 Fen Eğitimi (Science Education I) (3 credits) The aim of this course is to understand the importance of science education in pre-school, basic concepts, scientific processes and the objectives of the pre-school science education, basic issues and work in the preschool science education, planning of science activities, implementation and evaluation of science education materials and science education and science corner, science education in the role of teacher-family collaboration, methods and techniques used in science education (to ask questions, observation-analysis, analogy, concept maps, project approach, drama, construction activities, experiments in order to consider the science education practice. (*This course is given in Turkish.*)

OKL301 Görsel Sanatlar Eğitimi (Visual Arts Education) (3 credits) The aim of this course is to prepare students in order to develop child's creativity, plan activities, to implement activities regarding painting, music and sculpture, artistic and cultural excursions. This course tackles the visual arts as a technical description of the child activity. In this course, students will see that there is a clear means of expression of the visual arts; when examining children's art activities in the light of the information provided in the course, children will understand more easily; analyze children's feelings and thoughts more accurately. (*This course is given in Turkish.*)

EGT321 İstatistik (Statistics) (2 credits) The purpose of this course is to introduce statistical reasoning. The course focuses primarily on what and why rather than the how and helps students gain an understanding of the rationale behind many statistical methods, as well as an appreciation of the use and misuse of statistics. It encourages and requires critical thinking. (*This course is given in Turkish.*)

EGT311 Sınıf Yönetimi (Classroom Management) (2 credits) The purpose of the course is to present the basic concepts and principles of classroom management, classroom management approaches, behavior modification methods and theories. The course refers to the wide variety of skills and techniques that teachers use to keep students organized, orderly, focused, attentive, on task, and academically productive during a class. When classroom-management strategies are executed

effectively, teachers minimize the behaviors that impede learning for both individual students and groups of students, while maximizing the behaviors that facilitate or enhance learning. (*This course is given in Turkish.*)

EGT301 Okul öncesi Eğitimde Özel Öğretim Yöntemleri I (Special Teaching Methods for Early Childhood I) (3 credits) The aim of this course is to discuss and examine teaching methods specific to preschool special education methods. Within the course; Basic concepts related to teaching, the relationship between development and learning and teaching basic concepts and theories related to learning and development, the use of learning and teaching practice, teaching process; planning, implementation and evaluation, teaching-learning models, teaching strategies and methods, special teaching methods in preschool; active learning, drama, game-based teaching, problem solving and brainstorming, lecture, discussion, question and answer, case studies, project approach, concept maps, stories and history of usage, music instruction, computer-aided teaching topics will be discussed. The overall objective of the teaching methods of the course, to examine in relation to learning and development concepts, theories and practices to understand the period-specific teaching methods and to apply within the framework of the pre-school. (*This course is given in Turkish.*)

EGT331 Okul Deneyimi (School Experience) (3 credits) This purpose of this course is to work with students and teachers during the preparation of application. School experience, consists of observations and events planned for the purpose of promoting their teachers aside of many of the tasks that make up the teaching profession. The observation is one hour and four hours a week for seminars and events assigned for school experience. These activities consist of observing how the teacher arranges the lesson while lecturing, observing teacher and a student for a day in the school, the division of the course into stages, how to apply the methods and techniques that make use of, what kind of activities in the course, what course management is for, and what are the techniques to control the class, how to end the lesson and evaluate student work as well as to observe the school's organizational structure, its relationship with the community that is involved in, how schools are doing and the role of school principal and preparing a portfolio reflecting school experience studies. (*This course is given in Turkish.*)

EGT302 Okul Öncesi Eğitimde Özel Öğretim Yöntemleri II (Special Teaching Methods for Early Childhood II) (3 credits) The purpose of this course is to teach information related concepts as an effective teaching in the field of education systematically and efficiently. The description of modern education and training, education technologies in the course, teaching of disciplines, the scientific basis and the basic principles of teaching are taught. In addition, lectures, science, social sciences, foreign language teaching technologies and the basic elements of the basic criteria of educational technology of different disciplines will be described. (*This course is given in Turkish.*)

OKL304 Müzik Eğitimi II (Music Education II) (3 credits) The purpose of this course is to further the quality of research and scholarship in the field of early childhood music education and, through that, to stimulate thought and the practice of early childhood music throughout the world. Our biennial meeting provides the setting in which we seek to bring together music educators from around the world to learn about and to share current ideas regarding research and pedagogical practices in early childhood music education. The Commission offers a cultural framework through which ideas are shared. We seek to learn from each other as we develop and integrate theoretical foundations, children's responsiveness to musical experience, and contextually relevant practices across the globe. (*This course is given in Turkish.*)

OKL306 Materyal Geliştirme (Instructional Material Development) (3 credits) The purpose of this course is to design of a variety of educational tools for pre-school children ensuring development and evaluation, to understand the place and importance of toys in a child's development and to acquire

knowledge and skills in the construction of educational toys made of various materials, the basic features of the toy, the main features of educational toys, to learn the basic principles of educational toy development, to design, develop and assess a variety of educational materials for pre-school children (puppets, filling toys, decide gray and so on). *(This course is given in Turkish.)*

EGT310 Etkili İletişim (Effective Communication) (3 credits) The purpose of this course is to offer a sound theoretical and experiential framework for maximizing human relations and communication within the educational domain including principles of persuasion, public information management, effective communication strategies and personal effectiveness with staff and the public. *(This course is given in Turkish.)*

EGT300 Bilimsel Araştırma Yöntemleri (Scientific Research Methods) (2 credits) The purpose of this course is to provide advanced training in research methods across the full range of the social sciences. Students are provided with a thorough theoretical and practical knowledge of how to construct effective research studies, of the variety of data collection methods available to the social scientist and of the principal methods of analyzing social scientific data. They are also introduced to the political and ethical frameworks within which social science research is conducted, and to some of the ways in which the results of social science research are disseminated. *(This course is given in Turkish.) Prerequisite: EGT 321.*

EGT304 Topluma Hizmet Uygulamaları (Community Service Practices) (2 credits) *(See General Education)*

EGT308 Özel Eğitim (Special Education) (2 credits) The aim of the course is to present the history of special education and demonstrate the basic concepts of special needs students to disability groups (mental retardation, hearing impairment, visual impairment, attention deficit and hyperactivity, emotional behavioral disorders, autism spectrum disorders, chronic diseases, multiple disability, learning disabilities and gifted individuals) to gain the ability to distinguish. In this course, students will sort the general characteristics of the disability groups, classifies the general characteristics of the student's development and interpret the diagnostic process. *(This course is given in Turkish.)*

EGT350 Ölçme ve Değerlendirme (Assessment and Evaluation) (3 credits) The purpose of this course is to examine the purposes, paradigms and types of assessment and evaluation used in education, and in particular the innovations associated with them. Their roles in directing learning, provision of feedback to students, feedback strategies to enhance the delivery of instructions and curriculum evaluation, and ensuring standards are achieved are explored. Emerging alternative assessment and reporting processes and the underlying philosophies of selected curricula models/frameworks are highlighted. Specifically, the roles of learners/students, teachers/educators, curriculum designers and administrators/policy makers in assessment and evaluation are discussed. *(This course is given in Turkish.)*

OKL401 Aile Eğitimi (Parenting Education) (2 credits) The aim of this course, is to define the family structure, values clarification; family-oriented training programs, models and knowledge of the project, the theory of family education, analysis of the legal and ethical rules regarding parental rights, planning of family education program implementation and the evaluation, family meetings and family studies in special cases, to regulate pre-school parental involvement activities. In this course, the family's definition, structure and values, educational programs for families, models and projects, some examples of programs for families implemented in Turkey, definition and adult learning adult, family theories; family participation in preschool education will be discussed. *(This course is given in Turkish.)*

OKL403 Araştırma Projesi I (Research Project I) (2 credits) The aim of this course is to examine major scientific research methods (experimental method, descriptive method, historical method, et al.) and to understand the research process (problem identification, data collection, data analysis and interpretation of results) Students will make a review of the literature needed to do research on a specific topic discovery, data collection, data evaluation and report writing techniques. The aim of the course is a matter of private field in the selected scientific research projects preparation, data collection, and data analysis, assessment, reporting and presenting the project. *(This course is given in Turkish.)*

EGT403 Rehberlik (Counseling) (3 credits) The purpose of this course is to introduce a conceptual approach to the field of guidance and psychological counseling. In this course, the role of the guidance counselor, differing counseling orientations, basic assessment techniques, and the development of guidance and counseling services in Turkey are taught. *(This course is given in Turkish.)*

OKL404 İlköğretime Hazırlık ve İlköğretim Programları (Preparatory for Primary Education and It's Programs) (2 credits) The purpose of this course is to examine the transition from pre-school to primary school in terms of children to be ready for school. To this end, the factors affecting preparedness to primary school and the dimensions of preparedness (physical, social, emotional, cognitive, language, self-care skills), activities aimed at teaching the school readiness competencies will be evaluated. Pre-school education program will be compared to the features of primary education program, pre-school activities related to preparation skills, issues such as the preparedness for primary school and preschool assessment methods will be discussed. *(This course is given in Turkish.)*

OKL402 Araştırma Projesi II(Research Project II) (2 credits) The aim of this course is to gain skills in the studies of pre-school education in various subjects related to scientific research project preparation, data collection, reporting. To this end, over the course of time, the subject of a specific investigation will be determined; the research plan will be prepared to examine the papers and publications to research and will collect data for research. *(This course is given in Turkish.)*
Prerequisite:OKL 403.

EGT421 Türk Eğitim Sistemi ve Okul Yönetimi (Turkish Education System and School Management) (2 credits) *(See General Education)*

ELECTIVES

ENG111 English I (3 credits) *(See General Education)*

ENG112 EnglishII (3 credits) *(See General Education)*

OKL241 Aile Eğitimi ve Katılımı (Parenting Education and Participation) (3 credits) The purpose of this course is to analyze family factors that affect the development, learning the basic principles of family education, family learning model of education, family education aimed to gain knowledge and skills in planning and implementation. In this course, the changing definition of the family and family functions, family theories, and family models will be described. Healthy family definitions, preschool in recognition of the family for the education of the family that plays a key role in their children's education in the relation of the child's growth will be discussed. *(This course is given in Turkish.)*

OKL407 Çocuk Hakları (Children's Rights) (3 credits) The purpose of this course is to understand children's rights and child protection, child neglect, and to design measures for the abuse, to obtain the information required to cooperate for the child's rights and protection. In this course; juvenile justice and the importance of children's rights, subject, where the resources and the legal system, the historical development of children's rights and civil law on children's rights, children's rights in public law, constitutional fundamental rights of the child, in particular the rights of children in need of protection will be discussed. *(This course is given in Turkish.)*

OKL409 Medya ve Çocuk (Media and Children) (3 credits) The purpose of this course is to examine the publications prepared for children, the use of broadcast that is prepared for pre-school children and keeping track of children's literature and media publications for children. In this course; children and children's magazines as consumers are described as electronic babysitter television, the public sphere of children's rights and newsworthy, children's news in the newspapers, children's representations and media literacy education, television and children in advertisements, will be examined as well as the behavior and media relations and violence tendencies. Positive and negative effects of media on children will be discussed. *(This course is given in Turkish.)*

OKL406 Aile Katılımı ve Uygulamaları (Parent Participation Practices) (3 credits) This course aims to provide family involvement activities for early childhood education to ensure that school-family cooperation maintains. Methods and techniques used in family education, types of communication and activities to deal with the family, sample sessions to assess school-family cooperation theories will be discussed. For this purpose, the concept of family, family structure, the concept of family types, social changes, family participation approach of the family work, family involvement, and teacher characteristics in terms of their work will be evaluated. The family meeting points, family and individual interviews will be discussed. *(This course is given in Turkish.)*

OKL408 Okul öncesi Eğitimde Çevre ve Uygulamalar (Environment and Applications in Early Childhood Education) (3 credits) The purpose of this course is to prepare the students for the concept of environment in education, environmental education stages and preparation activities related to environmental education, efficiency practices related to environmental education, to create environmental awareness, environmental issues, measures for ideal classroom environment, protection awareness, knowledge that can be applied to environmental education and skills to be learned. *(This course is given in Turkish.)*

Psychological and Guidance Counseling (Turkish)

About Program

The undergraduate program in Guidance and Psychological Counseling prepares students as highly qualified counseling professionals capable of functioning well in the dynamic counseling field. The main purpose of guidance and counseling program is to train guidance counselors with a set of relevant skills and knowledge to provide themselves and people alike with peaceful life; to be at peace with themselves, people and with their own decisions. In this respect, the scope of the program also includes preventive mental health services. The program offers a variety of required, elective and practice courses focusing on field knowledge, pedagogical knowledge as well as general knowledge. Even before graduating, students begin getting familiar with these various job areas. Thanks to our internship program in which they have the chance to be intern in schools, private counseling centers, and judiciary, among others. Our graduates work as "guidance counselor (counselor)" in the fields of education in schools, health, social welfare, judiciary, police and military affairs, industry, workplaces as well as private counseling centers.

Objectives

The objective of the program is to equip students with necessary theoretical and practical knowledge and skills to serve as counseling professionals in addressing the academic, career and personal/social needs of individuals. The program also intends to develop students' awareness regarding the nature of helping relationships to prevent problems, enhance human potential, and cope with life challenges.

The total credits required for the satisfactory completion of the curriculum are 162 credits that include 15 credits of internships (5 courses).



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
RPD111	Psikolojiye Giriş	Yes	Yes	3 + 0	3
RPD121	Fizyolojik Psikoloji	Yes	Yes	3 + 0	3
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
ATA101	Atatürk İlkeleri ve Inkılap Tarihi I	Yes	Yes	2 + 0	2
ENF101	Bilgisayar I	Yes	Yes	2 + 2	3
SOS105	Sosyoloji	Yes	Yes	2 + 0	2
EGT111	Eğitim Bilimine Giriş	Yes	Yes	3 + 0	3
	Seçmeli	No	Yes	2 + 2	3

1st SEMESTER ELECTIVE COURSE LIST

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG111	English I	No	Yes	2 + 2	3
Total					21

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SOS210	Kültürel Antropoloji	Yes	Yes	3 + 0	3
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
ATA102	Atatürk İlkeleri ve Inkılap Tarihi I	Yes	Yes	2 + 0	2
ENF102	Bilgisayar II	Yes	Yes	2 + 2	3
EGT122	Felsefeye Giriş	Yes	Yes	3 + 0	3
EGT132	Kaynak Tarama ve Rapor Yazma	Yes	Yes	1 + 2	2
EGT142	Türk Eğitim Tarihi	Yes	Yes	2 + 0	2
	Seçmeli	No	Yes	2 + 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

2nd SEMESTER ELECTIVE COURSE LIST

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG112	English II	No	Yes	2 + 2	3
Total					20

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
RPD211	Rehberlik vePsikolojik Danışmanlık	Yes	Yes	3 + 0	3
EGT211	Bilimsel Araştırma Yöntemleri	Yes	Yes	2 + 0	2
RPD221	GelişimPsikolojisi I	Yes	Yes	3 + 0	3
EGT251	ÖzelEğitim	Yes	Yes	3 + 0	3
EGT231	EğitimFelsefesi	Yes	Yes	2 + 0	2
EGT241	Öğretim İlkeve Yöntemleri	Yes	Yes	3 + 0	3
EGT221	İstatistik I	Yes	Yes	3 + 0	3
EGT261	Bilim Tarihi	Yes	Yes	3 + 0	3
Total					22

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
RPD212	Test Dışı Teknikler	Yes	Yes	3 + 0	3
EGT212	İnsanlışkileri ve İletişim	Yes	Yes	2 + 2	3
EGT222	İstatistik II	Yes	Yes	3 + 0	3
RPD222	Sosyal Psikoloji	Yes	Yes	3 + 0	3
RPD232	Öğrenme Psikolojisi	Yes	Yes	2 + 2	3
RPD242	Gelişim Psikolojisi II	Yes	Yes	3 + 0	3
EGT232	Ölçmeve Değerlendirme	Yes	Yes	3 + 0	3
Total					21

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
RPD311	Psikolojik Danışma İlke ve Teknikleri	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

RPD321	Yaşam Dönemleri ve Uyum Problemleri	Yes	Yes	3 + 0	3
RPD331	Kişilik Kuramları	Yes	Yes	3 + 0	3
RPD341	Mesleki Rehberlik ve Danışma	Yes	Yes	3 + 0	3
EGT311	Sınıf Yönetimi	Yes	Yes	2 + 0	2
	Seçmeli	No	Yes	3 + 0	3
	Üniversite Seçmeli	No	Yes	2 + 2	3

5th SEMESTER ELECTIVE COURSE LIST

Code	Course Title	*C	**A	***L+P Hours	Credits
RPD351	Terapetik İletişim	No	Yes	3 + 0	3
OKL208	Drama	No	Yes	2 + 2	3
Total					20

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
RPD312	Mesleki Rehberlik ve Danışma Uygulaması	Yes	Yes	1 + 4	3
RPD322	Rehberlikte Program Geliştirme	Yes	Yes	3 + 0	3
RPD332	Davranış Bozuklukları	Yes	Yes	3 + 0	3
RPD342	Psikolojik Danışma Kuramları	Yes	Yes	3 + 0	3
RPD352	Grupla Psikolojik Danışmanlık	Yes	Yes	3 + 0	3
	Seçmeli	No	Yes	3 + 0	3
	Üniversite Seçmeli	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

6th SEMESTER ELECTIVE COURSE LIST

Code	Course Title	*C	**A	***L+P Hours	Credits
RPD362	Evlilik ve Aile Terapisi	No	Yes	3 + 0	3
	Üniversite Seçmeli	No	Yes	3 + 0	3
Total					21

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
RPD411	Psikolojik Testler	Yes	Yes	2 + 4	4
RPD421	Bireyle Psikolojik Danışma İlkeleri	Yes	Yes	1 + 4	3
RPD431	Okullarda Gözlem	Yes	Yes	2 + 2	3
RPD441	Öğrenme Güçlükleri	Yes	Yes	3 + 0	3
EGT421	Türk Eğitim Sistemi ve Okul Yönetimi	Yes	Yes	2 + 0	2
EGT411	Topluma Hizmet Uygulamaları	Yes	Yes	1 + 2	2
	Seçmeli	No	Yes	3 + 0	3

7th SEMESTER ELECTIVE COURSE LIST

Code	Course Title	*C	**A	***L+P Hours	Credits
RPD451	Cinsel Sağlık Eğitimi	No	Yes	3 + 0	3
Total					20

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
RPD412	Rehberlik ve Psikolojik Danışmada Alan Çalışması	Yes	Yes	1 + 4	3
RPD422	Rehberlik ve Psikolojik Danışma Semineri	Yes	Yes	2 + 2	3
RPD432	Kurum Deneyimi	Yes	Yes	1 + 4	3
RPD442	Meslek Etiği ve Yasal Konular	Yes	Yes	2 + 0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçmeli	No	Yes	3 + 0	3
	Seçmeli	No	Yes	3 + 0	3

8th SEMESTER ELECTIVE COURSE LIST

Code	Course Title	*C	**A	***L+P Hours	Credits
RPD452	Okul Temelli Önleyici Rehberlik ve Psikolojik Danışma	No	Yes	3 + 0	3
RPD462	İlköğretim Rehberlik	No	Yes	3 + 0	3
Total					17
Grand Total					162

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Course Description

RPD111 Psikolojiye Giriş (Introduction to Psychology)(3 credits) The purpose of this course is to overview of the major fields within psychology with an emphasis on developing an understanding of psychology as the science of human thought and behavior. The course also aims to promote students to critically evaluate "common sense" knowledge about how people function. *(This course is given in Turkish.)*

RPD121 Fizyolojik Psikoloji (Physiological Psychology)(3 credits) The purpose if this course is to provides introductory information on the different physiological systems involved in behavior and cognition and will allow students to understand the basic processes and applications of the physiology involved in psychology. *(This course is given in Turkish.)*

ENF101 Bilgisayar I (Computer I) (3 credits) *(See General Education)*

SOS105 Sosyoloji (Sociology) (2 credits) The purpose of this course is to introduce students to the field of sociology, the exploration of society and how it operates. Sociology broadens social insights, fosters critical thinking, trains students in methods of gathering and analyzing data, and helps students develop their writing skills. By thinking actively about the issues facing contemporary society, students will learn to examine life situations and the influence of society and groups on people's lives and the basic processes that shape social life. The course will introduce sociological perspectives (how issues of everyday life and activities) relate to the way society is structured and introduce socialization, culture, social institutions, social stratification, race and ethnicity, gender, politics, education and social change. *(This course is given in Turkish.)*

EGT111 Eğitim Bilimine Giriş (Introduction to Educational Sciences) (3 credits) The purpose of this course is to provide students with a general knowledge about educational sciences. Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about education science. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish.)*

SOS210 Kültürel Antropoloji (Cultural Anthropology) (3 credits) The purpose of the course is to offer an understanding of what an anthropological perspective on the world is, and how it would aid us in understanding the world we live in. The course will seek to do this through readings of classical and contemporary ethnographies. We will focus on several major themes in anthropology such as culture, family, language, gender, economy, religion, urban life and the body. *(This course is given in Turkish.)*

ENF102 Bilgisayar II (Computer II) (3 credits) *(See General Education)*

GT122 FelsefeyeGiriş(Introduction to Philosophy)(3 credits) The purpose of this course is to introduce the philosophical thinking in general rather than to provide a full survey of philosophical disciplines, their methods, doctrines and leading ideas. Instead of trying to give a comprehensive account of all possible forms philosophy has assumed throughout its long history we shall zero in on several characteristic examples illustrating how classical and modern thinkers formulate their questions and how they grapple with their issues in contrast to ordinary, religious and scientific consciousness. In addition, the course will provide a preliminary orientation about the notion of philosophical argument, its various forms and the ways arguments should be analyzed. *(This course is given in Turkish.)*

EGT132 Kaynak Tarama ve Rapor Yazma (Literature Review and Report Writing) (2 credits)

This course focuses specifically on general experimental design methodology and corresponding writing and reporting skills. More than that, this course explores the important connections between research design and writing. The broader social and political context in which research is situated and must respond to and interact with is also explored. *(This course is given in Turkish.)*

EGT142 Türk Eğitim Tarihi (Turkish Education History) (2 credits)

This course is designed to improve learners knowledge and skills through concepts regarding the importance of the Turkish Education, history of Turkish Education during the pre-Islamism period, history of Turkish education after Islamism, basic characteristics of education during the foundation of Turkish Republic, the educational reforms, teacher training methods from past to present, the organization and structure of Turkish Ministry of education, educational policies and developments in the Turkish education. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish.)*

RPD211 Rehberlik ve Psikolojik Danışmanlık (Psychological Counseling and Guidance 3 credits)

The purpose of this course is to introduce a conceptual approach to the field of guidance and psychological counseling. In this course, the role of the guidance counselor, differing counseling orientations, basic assessment techniques, and the development of guidance and counseling services in Turkey are taught. *(This course is given in Turkish.)*

EGT211 Bilimsel Araştırma Yöntemleri (Scientific Research Methods) (2 credits)

The purpose of this course is to introduce statistical reasoning. Focuses primarily on what and why rather than how. Helps students gain an understanding of the rationale behind many statistical methods, as well as an appreciation of the use and misuse of statistics. Encourages and requires critical thinking. *(This course is given in Turkish.)*

RPD221 Gelişim Psikolojisi I (Developmental Psychology) (3 credits)

The purpose of this course is to bring to the learner an overall view of the science of Developmental Psychology via the specific topical approach to life span development. The course is designed to assist the learner in mastering an understanding of various psychological and developmental concepts through several modalities and their applicability in the world around us focusing on the various areas of human development. Upon completion of the course, the learner will be able to explain the basic qualifications of physical, social, emotional and cognitive developments in childhood and adolescence. *(This course is given in Turkish.)*

EGT251 Özel Eğitim (Special Education) (2 credits)

The aim of the course is to present the history of special education and demonstrate the basic concepts of special needs students to disability groups (mental retardation, hearing impairment, visual impairment, attention deficit and hyperactivity, emotional behavioral disorders, autism spectrum disorders, chronic diseases, multiple disability, learning disabilities and gifted individuals) to gain the ability to distinguish. In this course, students will sort the general characteristics of the disability groups, classifies the general characteristics of the student's development and interpret the diagnostic process. *(This course is given in Turkish.)*

EGT231 Eğitim Felsefesi (Philosophy of Education) (2 credits)

The purpose of this course is to improve learner's knowledge and skills through definition of philosophy and its fields, philosophy and the relationship between education and scientific and philosophical approach to education, philosophy of education, philosophical effects of education, and philosophy of the Turkish education system that based on. This course also will address how historical influences, settings, and ideas have influenced

and continue to have relevance for education and life today. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish.)*

EGT241 Öğretim İlke ve Yöntemleri (Teaching Principles and Techniques) (3 credits) The purpose of this course is to allow students to develop knowledge, skills and attitudes toward using the principles of learning and teaching, affective study skills, and learning and teaching methods and technics. This course design also aims to prepare students to plan and teach in different curricular and learning environments. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing creative classroom environments. *(This course is given in Turkish.)*

EGT221 İstatistik I (Statistics I) (3 credits) The purpose of this course is to introduce statistical reasoning. Focuses primarily on what and why rather than how. Helps students gain an understanding of the rationale behind many statistical methods, as well as an appreciation of the use and misuse of statistics. Encourages and requires critical thinking. *(This course is given in Turkish.)*

EGT261 Bilim Tarihi (History of Science) (3 credits) The purpose of this course is to evaluate of science from old ages to date; İonia, Helen, Muslim-Turk (Arabic, Horasan, Selçuk, Endülüs, Ottoman). In addition students will learn about the development of mathematic, medicine, biology and physic, revolution of science and technology in 20th century. *(This course is given in Turkish.)*

RPD212 Test Dışı Teknikler (Non-test Techniques) (3 credits) The purpose of this course is to develop an understanding toward individual differences and appraisal techniques in general and develop skills and understanding toward non-test techniques in specific. *(This course is given in Turkish.)*

EGT212 İnsan İlişkileri ve İletişim (Human Relations and Communication) (3 credits) The purpose of this course is to offer a sound theoretical and experiential framework for maximizing human relations and communication with in the educational domain including principles of persuasion, publicin formation management, effective communication strategies and personal effectiveness with staff and the public. *(This course is given in Turkish.)*

EGT222 İstatistik II (Statistics II)(3 credits) The purpose of this course is to introduce statistical reasoning. The course provides basic understanding, correct interpretation, and applications of commonly used statistical analyses with an understanding of the rationale behind these. In this course, in addition to conceptual knowledge, technical knowledge is provided through the use of SPSS software and students will learn applications of each statistical analysis covered by attending weekly lab sessions. *(This course is given in Turkish.) Prerequisite: EGT 221.*

RPD222 Sosyal Psikoloji (Social Psychology) (3 credits) The purpose of this course is to introduce the field of empirical research that examines the individual in a social setting. It covers areas such as social cognition, social perception, attitudes, conformity, and aggression. *(This course is given in Turkish.)*

RPD232 Öğrenme Psikolojisi (Psychology of Learning) (3 credits) The purpose of this course is to introduce students with major theories and empirical findings in the area of learning. Student will analyze the basic principles and research in human learning. Topics include problem solving, memory, reward and punishment, and reinforcement schedules as studied in animals, normal classrooms, and remedial settings. *(This course is given in Turkish.)*

RPD242 Gelişim Psikolojisi II (Developmental Psychology II) (3 credits) The purpose of this course is to bring the learner an overall view of the science of Developmental Psychology via the specific topical approach to life span development. The course is designed to assist the learner in mastering an understanding of various psychological and developmental concepts through several modalities and their applicability in the world around us focusing on the various areas of human development. Upon completion of the course, the learner will be able to explain the basic qualifications of physical, social, emotional and cognitive developments during adolescence, young adulthood, adulthood, and old ages. *(This course is given in Turkish.) Prerequisite: RPD 221*

EGT232 Ölçme ve Değerlendirme (Assessment and Evaluation) (3 credits) The purpose of this course is to examine the purposes, paradigms and types of assessment and evaluation used in education, and in particular the innovations associated with them. Their roles in directing learning, provision of feedback to students, feedback strategies to enhance the delivery of instructions and curriculum evaluation, and ensuring standards are achieved are explored. Emerging alternative assessment and reporting processes and the underlying philosophies of selected curricula models/frameworks are highlighted. Specifically, the roles of learners/students, teachers/educators, curriculum designers and administrators/policy makers in assessment and evaluation are discussed. *(This course is given in Turkish.)*

RPD311 Psikolojik Danışma İlke ve Teknikleri (Psychological Consultation Principles and Techniques) (3 credits) The purpose of this course is to introduce the basic principles and techniques in psychological counseling, for example; confidentiality, volunteering and reflecting. In addition, this course provides an overview of the skills and styles needed for building healthy and therapeutic helping relationships, as well as techniques specific to a variety of psychological disorders and problems with living. *(This course is given in Turkish.)*

RPD321 Yaşam Dönemleri ve Uyum Problemleri (Life-cycles and Adaptation Difficulties) (3 credits) The purpose of this course is to instruct developmental characteristics of childhood, adolescent, youth adult, middle age and elders and their adaptation problems and coping ways. Students will determine the special/abnormal cases that interrupt the daily life of the individual or that have a negative impact on the individual's development process. *(This course is given in Turkish.)*

RPD331 Kişilik Kuramları (Personality Theories)(3 credits) The purpose of this course is to introduce students to the diverse ways of conceptualizing assessing, studying, and treating personality. Personality psychology is a scientific study of the whole person. In lecture and readings, we will consider trait, biological, psychodynamic, humanistic, cultural and behavioral approaches to understanding human personality. When discussing each of these approaches, we will focus on its ability to account for individual differences in emotions, thoughts, motivation and behavior, and their stability and change. Our class time will include lecture, watching and discussing video case studies and class discussions and exercises. *(This course is given in Turkish.)*

RPD341 Mesleki Rehberlik ve Danışma (Vocational Guidance and Counseling) (3 credits) The purpose of this course is to provide a broad overview of the school counseling profession with an

emphasis on both theoretical and practical aspects of comprehensive school counseling programs. (*This course is given in Turkish.*)

EGT311 Sınıf Yönetimi (Classroom Management) (2 credits) The purpose of the course is to present the basic concepts and principles of classroom management, classroom management approaches, behavior modification methods and theories. Students will compare the classroom management approaches. (*This course is given in Turkish.*)

RPD312 Mesleki Rehberlik ve Danışma Uygulaması (Vocational Guidance and Counseling Practices) (3 credits) The purpose of this course is to provide a broad overview of the school counseling profession with an emphasis on both theoretical and practical aspects of comprehensive school counseling programs. (*This course is given in Turkish.*) *Prerequisite: RPD341*

RPD322 Rehberlikte Program Geliştirme (Program Development in Guidance) (3 credits) The purpose of this course is to provide in-service teachers at primary level with basic concepts and principles of curriculum and instruction. Topics include curriculum development and implementation, teaching principles and strategies, teaching evaluation, and classroom conditions that influence teaching and learning. Students will be helped to link theories of curriculum and pedagogy with their teaching practice in setting objectives, selecting and organizing contents, and implementing and evaluating curriculum in various subjects they teach in primary schools. (*This course is given in Turkish.*)

RPD332 Davranış Bozuklukları (Behavioral Disorders) (3 credits) The purpose of this course is to gain an understanding of key principles underlying child and adolescent development, including attachment, temperament, family and peer relationships, and the interplay between genes and environments. Then, examine several core disorders in child and adolescent mental health—ADHD, autism, depression and bipolar disorder, serious anxiety disorders, and self-injurious behavior. Focus on long-term outcomes, sex differences, recent treatment findings and reasons for the continued increases in nearly all mental disorders in recent years. (*This course is given in Turkish.*)

RPD342 Psikolojik Danışma Kuramları (Theories of Psychological Counseling) (3 credits) The purpose of this course is to help students learn major theoretical systems of counseling and psychotherapy, with a special emphasis on how clients in therapy change and how to conceptualize clients' presenting concerns from theoretical points of view. Issues related to application of theory in practice, especially those related to individual/cultural diversity will be addressed and emphasized. (*This course is given in Turkish.*)

RPD352 Grupla Psikolojik Danışmanlık (Psychological Consultation with Groups) (3 credits) The purpose of this course is to provide students with the theories, concepts and experiences that will increase their competency of group counseling with adults. Students will engage in lecture, readings, in-class activities and observation as well as experiential training groups. Students will gain knowledge of group counseling theory and demonstrate the practical skills necessary for the dynamic application to various group counseling settings. Students will understand how to adapt various theories and skills to the unique circumstances they find themselves in as professionals and citizens. (*This course is given in Turkish.*)

RPD411 Psikolojik Testler (Psychological Tests) (4 credits) The purpose of this course is to provide students with an introduction to the principles of psychological testing. Through both didactic instruction and hands-on experience, students will learn about the history, development, theories, and applications of the process of psychological testing and assessment. The general goals of this course are

to introduce students to the nature, benefits, and limitations of the field of psychological testing. *(This course is given in Turkish.)*

RPD421 Bireyle Psikolojik Danışma İlkeleri (Psychological Consultation with Individuals) (3 credits)

The purpose of this course is to examine different client needs in a variety of settings. The relationship between specific theories and their counseling applications will also be assessed. Case study approaches are combined with counseling practices to demonstrate developing strategies working with individuals. Adjusting counseling for various individuals to reflect their diverse backgrounds and varying ages is emphasized. Students develop their own approach to individual counseling. This course provides a basic foundation for counseling adult individuals by offering a broad overview of dominant counseling theories and associated techniques. Consistent with departmental goals, this course is aimed at preparing students for high quality work in diverse counseling settings. *(This course is given in Turkish.)*

RPD431 Okullarda Gözlem (Observation in Schools) (3 credits)

The purpose of this course is to provide an opportunity for students to implement and practice skills learned during academic coursework, while obtaining close supervision on and off site. Students will read current literature in the school-counseling field and also will implement skills such as consultation, peer supervision, and program implementation/evaluation. *(This course is given in Turkish.)*

RPD441 Öğrenme Güçlükleri (Learning Difficulties) (3 credits)

The purpose of this course is to design to provide a foundation for understanding learning disabilities. Students will become acquainted with historical trends associated with the development of the field and will review related federal and state legislation. Research related to general characteristics of learning disabilities, cognitive processing patterns, and the academic and social performance of the learning disabled is examined. Approaches to the education of students with learning disabilities based on the theoretical models are also considered. *(This course is given in Turkish.)*

EGT421 Türk Eğitim Sistemi ve Okul Yönetimi (Turkish Education System and School Management) (2 credits) *(See General Education)*

EGT411 Toplum Hizmet Uygulamaları (Community Service Practices) (2 credits) *(See General Education)*

RPD412 Rehberlik ve Psikolojik Danışmada Alan Çalışması (Fieldwork in Psychological Counseling and Guidance) (3 credits)

The purpose of this course is to provide students an experience to implement guidance and counseling activities in elementary and secondary schools under supervision. *(This course is given in Turkish.)*

RPD422 Rehberlik ve Psikolojik Danışma Semineri (Psychological Counseling and Guidance Seminars) (3 credits)

The purpose of this course is to examine counseling theories and treatment planning, including psychodynamic, humanistic-existential, cognitive-behavioral, feminist and solution-focused theories, including an examination of the evidence base and history of the counseling profession. Emphasis is placed on applications with diverse populations in community, school and college settings. *(This course is given in Turkish.)*

RPD432 Kurum Deneyimi (Institution Practices) (3 credits)

The purpose of this course is to refine counseling skills in real-world settings under close supervision. Qualified supervisors at the student-selected internship site provide direct supervision. The curriculum is focused on group supervision and

professional development. The internship is an arranged, two semester supervised opportunity for the student to perform all the activities that a regularly-employed counselor in a school setting would be expected to perform. Students are expected to observe the schedule of the internship site, including their vacation and break schedule. An appropriate site location allows the student to obtain audio or videotapes for use in the supervision of the student's interactions with clients appropriate to school counseling. Also, students should be supervised on-site by school counselors who have been licensed as a school counselor for a minimum of two years. *(This course is given in Turkish.)*

RPD442 Meslek Etiği ve Yasal Konular (Occupational Ethics and Legal Issues) (2 credits) The purpose of this course is to introduce students to the professional functioning of counselors with an emphasis on school counselors in relation to other human services and education professionals, including history, professional identity, roles, professional organizations, ethics, legalities, standards, and credentialing. Current issues, trends, and best practices in a variety of professional counseling settings are explored with an emphasis on the specialty of professional school counseling. *(This course is given in Turkish.)*

ELECTIVES

ENG111 İngilizce I (English I) (3 credits) *(See General Education)*

ENG112 English II (3 credits) *(See General Education)*

RPD351 Terapetik İletişim (Therapeutic Communication) (3 credits) The purpose of this course is to examine the specialized communication skills used in the practice of counseling. You will study basic counseling skills, interventions, and the use of the psychological interview as an assessment tool (from catalogue). Special attention will be paid to three important areas that contribute to becoming effective counselors. These areas are self-awareness, information and knowledge, and basic psychotherapeutic communication skills. *(This course is given in Turkish.)*

OKL208 Drama (Drama) (3 credits) The purpose of this course is to prepare to plan and implement activities for pre-school students and to recognize the importance of drama in education and developmental effects of early childhood drama in education as well as to understand the relationship between drama and development. Students will learn about drama, drama in education process and planning, implementation and evaluation and will understand the critical role of drama. *(This course is given in Turkish.)*

RPD362 Evlilik ve Aile Terapisi (Marriage and Family Consultation) (3 credits) The purpose of this course is to overview of marriage and family therapy models. It is designed to provide students the historical development of marriage and family therapy as a profession and a practice. *(This course is given in Turkish.)*

RPD451 Cinsel Sağlık Eğitimi (Sexual Health Education) (3 credits) The purpose of this course is to study sexual issues, positive sexual functioning, sexual problems, and sexual disorders that confront the counselor or therapist, with a focus on sexual experiences as a part of life experiences. Also, the development of the skills and tools necessary to strengthen within a therapeutic setting a client's positive relational and sexual functioning. This is a "how to" course, with the expectation being that each student will develop the basic skills needed to orchestrate sexual counseling sessions. The student will continue to work on understanding his or her own sexual attitudes and beliefs in order to bring as much

congruence as possible into the therapy room. Thus, personal values clarification, sex education, cultural messages, gender role development, and relational patterns will be examined throughout the course. *(This course is given in Turkish.)*

RPD452 Okul Temelli Önleyici Rehberlik ve Psikolojik Danışma (School-based Learning) (3 credits) The purpose of this course is to study various topics in school psychology are selected for advanced study. Students may choose a specific interest area in which he or she wishes to pursue additional expertise. *(This course is given in Turkish.)*

RPD462 İlköğretim Rehberlik (Guidance in Primary Education) (3 credits) The purpose of this course is to provide students with the information and skills to implement a comprehensive elementary school counseling and guidance program. It is intended to inspire prospective school counselors to be knowledgeable advocates for pro-active counseling at the elementary school level. *(This course is given in Turkish.)*

Education of Mentally Disabled (Turkish)

About Program

Education of Mentally Disabled undergraduate program started admitting students during the fall semester of the 2015-2016 Academic Year. In order for the students to successfully complete the 4-year program, they are expected to take a total of 51 courses (145credit/hours). The fundamental objective of the program is to bring up qualified special education teachers who possess the skills to deliver instruction to mentally handicapped students, either individually or in groups, and who can take active roles in the planning, delivery and monitoring of the services pertinent to special education. The program also aims to provide supportive services to children with special needs as well as their families, to raise public awareness regarding individuals with special needs and special education services, to take active roles in the process of determining special education policies, to contribute to the dissemination and development of the special education services, to ensure that demands of the individuals with special needs are catered for in the least restrictive environment, and to make a difference by acting as pioneers in the research to be conducted in the area of special education.

Objectives

Graduates of the program are prepared to: provide individually planned, systematically implemented, and carefully evaluated instruction for students with special needs; provide educational services to students with special needs in general classrooms, resource classrooms, and other educational settings; and help students with special needs achieve the greatest possible personal self-sufficiency and success in present and future environments. Graduates of the program are prepared to meet the Teaching Standards.

The total credits required for the satisfactory completion of the curriculum are 145 credits that include 13 credits of internships (3 courses).



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
OZE101	Özel Eğitim	Yes	Yes	4 + 0	4
PSI161	Psikoloji	Yes	Yes	3+ 0	3
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
ATA101	Atatürk İlkeleri ve Inkılap Tarihi I	Yes	Yes	2 + 0	2
ENF101	Bilgisayar I	Yes	Yes	2 + 2	3
EGT111	Eğitim Bilimine Giriş	Yes	Yes	3 + 0	3
	Seçmeli	No	Yes	2 + 2	3

1stSEMESTER ELECTIVE COURSE LIST

ENG111	İngilizce I	No	Yes	2+2	3
Total :					20

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OZE102	Zihin Engelliler ve Eğitim	Yes	Yes	3 + 0	3
TRD102	Türk Dili II	Yes	Yes	2+ 0	2
ATA102	Atatürk İlkeleri ve Inkılap Tarihi II	Yes	Yes	2 + 0	2
ENF102	Bilgisayar II	Yes	Yes	2 + 2	3
OZE104	Sağlık Bilgisi ve İlk Yardım	Yes	Yes	2 + 0	2
EGT102	Eğitim Psikolojisi	Yes	Yes	3 + 0	3
OZE106	Bireysel Farklılıklar ve Psikolojik Yaklaşımlar	Yes	Yes	3+0	3
	Seçmeli	No	Yes	2 + 2	3

2ndSEMESTER ELECTIVE COURSE LIST

ENG112	İngilizce II	No	Yes	2+2	3
Total :					21

3rd SEMESTER COURSE PLAN

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Code	Course Title	*C	**A	***L+P Hours	Credits
OZE201	Engellilere Yönelik Tutumların Değiştirilmesi	Yes	Yes	2 + 0	2
OZE205	Erken Çocuklukta Özel Eğitim	Yes	Yes	3 + 0	3
OZE203	Uygulamalı Davranış Analizi	Yes	Yes	4 + 0	4
OZE207	Eğitsel-Davranışsal Ölçme ve Değerlendirme	Yes	Yes	4+ 0	4
EGT241	Öğretim İlke ve Yöntemleri	Yes	Yes	3 + 0	3
	Seçmeli	Yes	Yes	3 + 0	3
	Seçmeli	Yes	Yes	2+ 0	2
3rdSEMESTER ELECTIVE COURSE LIST					
OZE209	Zihin Engelli Çocukların Eğitiminde Ev Destek Programları	No	Yes	3+0	3
OZE211	Sosyal Bilimlerde Araştırma Yöntemleri	No	Yes	2+0	2
Total :					21

4thSEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OZE202	Zihin Engellilere Beceri ve Kavram Öğretimi	Yes	Yes	3 + 0	3
OZE206	Zihin Engellilere Matematik Öğretimi	Yes	Yes	4+ 0	4
OZE212	Zihin Engellilere Resim- İş Öğretimi	Yes	Yes	2+ 0	2
OZE208	Kaynaştırma ve Destek Özel Eğitim Hizmetleri	Yes	Yes	2 + 0	2
OZE214	Hayat Bilgisi ve Sosyal Bilgiler Öğretimi	Yes	Yes	3+ 0	3
OZE210	Zihin Engellilere İletişim Becerisinin Kazandırılması	Yes	Yes	3 + 0	3
OZE216	Bireyselleştirilmiş Eğitim Programı	Yes	Yes	2 + 0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçmeli	No	Yes	3+0	3
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4th SEMESTER ELECTIVE COURSE LIST

OZE218	Özel Eğitimde Farklı Yaklaşımlar	No	Yes	3+0	3
Total :					22

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OZE301	Okuma Yazma Öğretimi	Yes	Yes	3+0	3
OZE305	Zihin Engellilere Günlük Yaşam ve Sosyal Beceri Öğretimi	Yes	Yes	4+0	4
OZE303	Zihin Engellilere Oyun ve Şarkı Öğretimi	Yes	Yes	3 + 0	3
OZE307	Bireyselleştirilmiş Eğitim Planları ve Öğretimin Bireyselleştirilmesi	Yes	Yes	2+ 0	2
EGT311	Sınıf Yönetimi	Yes	Yes	2 + 0	2
EGT403	Rehberlik	Yes	Yes	3+ 0	3
	Seçmeli	No	Yes	2 + 0	2

5th SEMESTER ELECTIVE COURSE LIST

OZE309	Avrupa Birliği ve Türkiye	No	Yes	2+0	2
Total :					19

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OZE302	Fen Bilgisi Öğretimi	Yes	Yes	3+ 0	3
OZE306	Aile Eğitimi ve Rehberliği	Yes	Yes	3+ 0	3
EGT300	Bilimsel Araştırma Yöntemleri	Yes	Yes	3 + 0	3
EGT304	Topluma Hizmet Uygulamaları	Yes	Yes	1 + 2	2
OZE304	Okul Deneyimi ve Kaynaştırma Uygulamaları	Yes	Yes	1 + 4	3
	Seçmeli	No	Yes	3+ 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçmeli	No	Yes	3 + 0	3
	Seçmeli	No	Yes	2+0	2

6th SEMESTER ELECTIVE COURSE LIST

OZE308	Sosyal Bilimlerde Araştırma ve Uygulamalar	No	Yes	2+0	2
SYT029	Birey ve Davranış	No	Yes	3+0	3
OKL208	Drama	No	Yes	2+1	3
Total :					22

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OZE401	Zihin Engelliler İçin Öğretim Teknolojileri ve Materyal Tasarımı I	Yes	Yes	3 + 0	3
OZE403	Yasalar ve Özel Eğitim	Yes	Yes	2 + 0	2
EGT401	Öğretmenlik Uygulaması I	Yes	Yes	2 + 6	5
7th SEMESTER ELECTIVE COURSE LIST					
Total :				10	

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OZE402	Zihin Engelliler İçin Öğretim Teknolojileri ve Materyal Tasarımı II	Yes	Yes	3 + 0	3
EGT402	Öğretmenlik Uygulaması II	Yes	Yes	2 + 6	5
EGT422	Türk Eğitim Sistemi ve Okul Yönetimi	Yes	Yes	2 + 0	2
8th SEMESTER ELECTIVE COURSE LIST					
Total :				10	
Grand Total					145

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

OZE101 Özel Eğitim (Special Education) (4 credits) The aim of the course is to present the history of special education and demonstrate the basic concepts of special needs students to disability groups (mental retardation, hearing impairment, visual impairment, attention deficit and hyperactivity, emotional behavioral disorders, autism spectrum disorders, chronic diseases, multiple disability, learning disabilities and gifted individuals) to gain the ability to distinguish. In this course, students will sort the general characteristics of the disability groups, classifies the general characteristics of the student's development and interpret the diagnostic process. *(This course is given in Turkish.)*

PSI161 Psikoloji (Psychology) (3 credits) The purpose of this course is to introduce the definition of key issues related to psychology, history of psychology, theories, and biological basis of other theories in general. *(This course is given in Turkish.)*

ENF101 Bilgisayar I (Computer I) (3 credits) *(See General Education)*

EGT111 Eğitim Bilimine Giriş (Introduction to Educational Sciences) (3 credits) This course is designed to provide students with a general knowledge about educational sciences. Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about education science. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish.)*

OZE102 Zihin Engelliler ve Eğitim (Mental Disabilities and Education) (3 credits) The purpose of this course is to determine the nature of an individual's mental health problem is the first step toward rational and effective intervention. In the case of children the critical task of formulating a diagnosis is further complicated by the currently shifting conceptualizations of the nature and determinants of pathology in these age groups. This course designed to prepare students to expand their knowledge and skills in the field of child mental health. It examines the various components of child mental disorders, and explores the variety of assessment, interviewing, and communication skills needed when working with children with mental health issues. *(This course is given in Turkish.)*

ENF102 Bilgisayar II (Computer II) (3 credits) *(See General Education)*

OZE104 Sağlık Bilgisi ve İlk Yardım (Health Science and First Aid) (2 credits) This lesson focuses on understanding psychology as science and teaching application of the steps of scientific research to the different behavior of the incompetent children; Associating inter individual, individual differences with the classification in special education and review of the various scientific approaches about different behavior. *(This course is given in Turkish.)*

EGT102 Eğitim Psikolojisi (Educational Psychology) (3 credits) This course is designed to review the new approaches of the education and early childhood development, educational models and strategies and evaluate the requirements of our country. The contents of this course are basic concepts, principles development, factors that affecting development, fundamental principles of theory of cognitive, moral and personality development in early childhood and also review the new approaches in development and modern education systems. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish.)*

OZE106 Bireysel Farklılıklar ve Psikolojik Yaklaşımlar (Individual Differences and Psychological Approaches) (3 credits) This lesson focuses on understanding psychology as science and teaching application of the steps of scientific research to the different behavior of the incompetent children; Associating inter individual, individual differences with the classification in special education and review of the various scientific approaches about different behavior. *(This course is given in Turkish.)*

OZE201 Engellilere Yönelik Tutumların Değiştirilmesi (Changing Attitudes Towards the Handicaps) (2 credits) This lesson aims to define attitude, explain the effects of attitudes and behavior, injury, incompetency, handicap, somoto-psychology and the effects of incompetency on emotional disorders, occurrence of adaptation problem and prevention of it, comprehension of new psychological environment, behavior expressions, attitudes toward handicapped people and changing these attitudes. *(This course is given in Turkish.)*

OZE205 Erken Çocuklukta Özel Eğitim (Special Education in Early Childhood) (3 credits) The aim of this lesson is to express the importance of the education of early childhood period, approaches of the early childhood period education and the history of the education of early childhood education in special education. *(This course is given in Turkish.)*

OZE203 Uygulamalı Davranış Analizi (Applied Behavior Analysis) (4 credits) The purpose of this lesson is to focus on expressing behavior, the sufficient and insufficient expressions of the behavior, applied behavior analysis and its development, behavior principles and examples, stimulant control, behavioral assessment, defining the target behavior and measurement of it, writing the purpose, effectivity and single subject research models to evaluate effectiveness. *(This course is given in Turkish.)*

OZE207 Eğitsel-Davranışsal Ölçme ve Değerlendirme (Educational and Behavioral Measurement and Assessment) (4 credits) This lesson aims to focus on medical, psychological and educational diagnosis and related concepts, diagnosis process in our country, medical and educational assessment approaches, principles of educational assessment, the elements and characteristics of standardized relativistic tests and educational assessment tools. *(This course is given in Turkish.)*

EGT241 Öğretim İlke ve Yöntemleri (Teaching Principles and Techniques) (3 credits) The purpose of this course is to allow students to develop knowledge, skills and attitudes toward using the principles of learning and teaching, affective study skills, and learning and teaching methods and techniques. This course design also aims to prepare students to plan and teach in different curricular and learning environments. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing creative classroom environments. *(This course is given in Turkish.)*

OZE202 Zihin Engellilere Beceri ve Kavram Öğretimi (Teaching Skills and Concepts to Individuals with Mental Disabilities) (3 credits) This lesson aims to focus on learning, characteristics of learning, systematic teaching, the phases of learning, teaching concepts, direct teaching-open expression, accurate teaching, constant time delay procedure, simultaneous prompting procedure, most-to-least prompting, skills teaching and social skills teaching. *(This course is given in Turkish.)*

OZE206 Zihin Engellilere Matematik Öğretimi (Teaching Mathematics to Individuals with Intellectual Disabilities) (4 credits) This lesson aims to focus on development of education, learning, teaching, the concepts of teaching mathematics, rough and detailed assessment instruments related with mathematics, direct teaching and teaching plans of basic mathematical concepts and skills according to interactive unit. *(This course is given in Turkish.)*

OZE212 Zihin Engellilere Resim- İş Öğretimi (Art Teaching for the Mentally Disabled Individuals) (2 credits) The purpose of this lesson is to emphasize how to organize and apply teaching methods to make mentally retarded students become sufficient on the level of knowledge, skills and concepts in the painting class. *(This course is given in Turkish.)*

OZE208 Kaynaştırma ve Destek Özel Eğitim Hizmetleri (Integration and Special Education Support Services) (2 credits) This lesson aims to prepare individualized teaching program for a mentally retarded student who is in the mainstreaming process at the end of the retardation evaluation process after IEP development process is told and IEP case analysis summary, overall service plan and the steps of application form are included by the instructor. *(This course is given in Turkish.)*

OZE214 Hayat Bilgisi ve Sosyal Bilgiler Öğretimi (Teaching Social Studies and Social Science) (3 credits) This lesson aims to deal with teaching methods which are used in teaching life and social sciences, adaptation of the methods to the mentally retarded students, view of themes in life and social sciences, preparation of lesson plans according to the levels of students and sample teaching applications. *(This course is given in Turkish.)*

OZE210 Zihin Engellilere İletişim Becerisinin Kazandırılması (Development of Communication Skills in Children with Mental Disabilities) (3 credits) The purpose of this lesson is to examine communication, verbal communication, language, expressive language, recipient language and speaking, characteristics of language, components and subcomponents of language, the effect of incompetency in one of the components of the language and its interaction on children's language, style development in children's language and evaluation of the style, semantic development of the language in children and evaluation of the semantics, development of language use in children and evaluation of use, preverbal communication skills and evaluation of these skills. *(This course is given in Turkish.)*

OZE216 Bireyselleştirilmiş Eğitim Programı (Individualized Educational Programs) (2 credits) This lesson aims to focus on organization of the students who are affected by the incompetency in the education environment according to the medical and educational models, educational assessment and preparation of individualized educational plan process. *(This course is given in Turkish.)*

OZE301 Okuma Yazma Öğretimi(Teaching Literacy) (3 credits) This lesson aims to focus on evaluation and teaching of reading and writing, sound-based reading and writing teaching, sentence-based reading and writing teaching, adaptations which may be done for the reading and writing through mainstreaming process. *(This course is given in Turkish.)*

OZE305 Zihin Engellilere Günlük Yaşam ve Sosyal Beceri Öğretimi(Teach Daily Life and Social Skills to Children with Mental Disabilities) (4 credits) The purpose of this course is to make a clear understanding of elements that effects social skills, social skill types, teaching social skills, evaluation methods of social skills, consistency and generalizations of social skills. *(This course is given in Turkish.)*

OZE303 Zihin Engellilere Oyun ve Şarkı Öğretimi(Plays and songs for Children with Mental Disabilities) (3 credits) The purpose of this course is development of game properties for mentally disabled children, descriptions, theories, importance and classifications. It also focuses on the samples of plays according to their development areas, teaching songs and dramatizations for mentally disabled children. *(This course is given in Turkish.)*

OZE307 Bireyselleştirilmiş Eğitim Planları ve Öğretimin Bireyselleştirilmesi (Individualized Education Plan (IEP and Individualization of instruction) (2 credits) The purpose of this course is to evaluate individualized education programs, preschool education program, primary school programs and nonacademic skills (self-care skills, social skills, problematic behaviors), academic skills (reading/writing skills, mathematic skills, social studies, science), and to identify the performance, and to write short and long term purposes, to discuss the consistency of the long term purposes according to performance level, planning of teaching activities in academic and non-academic context. Also it focuses on the presentation of the sample activities of prepared, individualized plans. *(This course is given in Turkish.)*

EGT311 Sınıf Yönetimi (Classroom Management) (2 credits) The purpose of the course is to present the basic concepts and principles of classroom management, classroom management approaches, behavior modification methods and theories. The course refers to the wide variety of skills and techniques that teachers use to keep students organized, orderly, focused, attentive, on task, and academically productive during a class. When classroom-management strategies are executed effectively, teachers minimize the behaviors that impede learning for both individual students and groups of students, while maximizing the behaviors that facilitate or enhance learning. *(This course is given in Turkish.)*

EGT403 Rehberlik (Guidance) (3 credits) The purpose of this course focuses on basic concepts, student personality services, the place of consultancy and psychological guidance, principles and development of guidance, varieties of psychological consultancy and guidance, facilities, techniques, organization and staff, developments in the field, techniques of understanding students, cooperation between consultant and teacher. *(This course is given in Turkish.)*

OZE302 Fen Bilgisi Öğretimi (Teaching Science) (3 Credit) The purpose of this course focuses is adaptation of teaching methods sorting the subjects, assignation of needed terms that are used in science for the mentally disabled children and observation of science themes. *(This course is given in Turkish.)*

OZE306 Aile Eğitimi ve Rehberliği (Parent Education and Guidance) (3 credits) The purpose of this course focuses on family, Turkish family structure, family education, mentally disabled children's families, family's role in the education, inability of family's adjustment process, defining of disabled child, first recognition in the family, reactions of the families, psychological support that is presented through the families inability process. *(This course is given in Turkish.)*

EGT300 Bilimsel Araştırma Yöntemleri (Scientific Research Methods) (3 credits) The purpose of this course is to provide advanced training in research methods across the full range of the social sciences. Students are provided with a thorough theoretical and practical knowledge of how to construct effective research studies, of the variety of data collection methods available to the social scientist and of the principal methods of analyzing social scientific data. They are also introduced to the political and ethical frameworks within which social science research is conducted, and to some of the ways in which the results of social science research are disseminated. *(This course is given in Turkish.)*

EGT304 Topluma Hizmet Uygulamaları (Community Service Practices) (2 credits) *(See General Education)*

OZE 304 Okul Deneyimi ve Kaynaştırma Uygulamaları (School Experience and Application of Integrated Programs) (3 credits) The Purpose of this course includes KHK's 537 law which brings its perspective of evaluation and education and what BEP includes. It also tries to bring a success of improvement to BEP forms and applying it to the students who are not ready. It also includes improving educational evaluation of the inadequate students, and defines the education systems of inadequate students, and preparing inclusive students' education program means. *(This course is given in Turkish.)*

OZE401 Zihin Engelliler İçin Öğretim Teknolojileri ve Materyal Tasarımı I (Teaching techniques and Design of Instructional Materials for Children with Mental Disabilities I) (3credits) In this course the student will apply the alteration program he will save the results of the application and make diagrams. He will prepare an education program taking into consideration filled evaluation forms at least one student's skill, concept, social skills and behavioral rules. *(This course is given in Turkish.)*

OZE403 Yasalar ve Özel Eğitim (Legislations and Special Education) (2 credits) The purpose of this lesson is to make the students grasp, laws and special education in the periods of 10th and 20th century, the legislations and improvement of disabled in Turkey, the historical improvement of special education before construction of Turkish Republic, the legislations of special education related to UN countries, basic legislations about special education and other disabled people and their improvements and change. *(This course is given in Turkish.)*

EGT401 Öğretmenlik Uygulaması I (Teaching Practice I) (5 Credits) The purpose of this course is to observe mentally disabled children in their learning inhabitants, to make mentally disabled children to understand how to make and apply a weekly course program, and to make them understand how to prepare necessary exercises for children's language development properties. *(This course is given in Turkish.)*

OZE402 Zihin Engelliler İçin Öğretim Teknolojileri ve Materyal Tasarımı II (Teaching Techniques and Instructional Materials for Children with Mental Disabilities II) (3 Credits) The purpose of this course is to improve mentally disabled students' skills of preparing files of the students' learning levels, preparing anecdotes of learning units in class, and before preparing the student files learning to analyze students' learning needs, and in order to make students learn to identify the problematic attitudes of students and preparing necessary anecdotes. *(This course is given in Turkish.)*

EGT402 Öğretmenlik Uygulaması II (Teaching Practice II) (5 Credits) The purpose of this course is to prepare daily plans for every week, applying the prepared plan, evaluating the application of the plan by the teacher, the teaching staff and the trainee students, and according to this evaluation making necessary corrections and its reapplication, and preparing portfolio. *(This course is given in Turkish.)*

EGT422 Turkish Education System and School Management (2 credits) *(See General Education)*

ELECTIVES

ENG111 English I (3 credits) (*See General Education*)

ENG112 English II (3 credits) (*See General Education*)

OZE209 Zihin Engelli Çocukların Eğitiminde Ev Destek Programları (Home support services for mentally handicapped children's education) (3 credits) The purpose of this course is to teach their responsibilities to the students for individuals who need special education in preschool and primary school age, who are directly unable to take advantage of any educational institution in a way that the individual's physical conditions will allow to benefit directly from an educational institution to assess the social and economic status in all measures and evaluate the duty of teachers to continue their care at home, under the decision of educational services at home. (*This course is given in Turkish.*)

OZE211 Sosyal Bilimlerde Araştırma Yöntemleri (Research Methods in Social Sciences) (2 credits) The purpose of this course is to examine the research process (problem identification, data collection, data analysis and interpretation of results) major scientific research methods (experimental method, descriptive method et al). With this purpose, students will learn the techniques such as reviewing and finding research questions, to carry out research on a particular topic, hypothesis (hypotheses) building, conceptualization, measuring, data collection, data analysis, data evaluation/interpretation and report writing. In this course, students will learn how to test the hypothesis through parametric and non-parametric statistical tests, using PASW software. (*This course is given in Turkish.*)

OZE218 Özel Eğitimde Farklı Yaklaşımlar (Different Approaches in Special Education) (3 credits) The purpose of this course is to prepare useful approaches for individuals with special needs in the light of the most widely used educational approaches used in individual and group training, language and communication therapy, occupational therapy, counseling services, a variety of training methods and programs, sensory, kinetic therapy, art therapy, alternative teaching, auxiliary teaching and other methods such as Holding therapy, PECS, TEACH, Portage method and Montessori method. (*This course is given in Turkish.*)

OZE309 Avrupa Birliği ve Türkiye (European Union and Turkey) (2 credits) This course will analyze and study the political and economic relations between Turkey and the EU dating back to the Association Agreement of 1963. Particular attention will be paid to democratization, foreign and security policy, the Cyprus conflict, customs union, immigration and public opinion. (*This course is given in Turkish.*)

OZE308 Sosyal Bilimlerde Araştırma ve Uygulamalar (Research and Practice in Social Sciences) (2 credits) This course is designed to introduce bachelor and graduate students to the process of scientific research in the social sciences, business, education, public health, and related disciplines. This course is based on the lecturing materials developed over a decade of teaching the bachelor-level class on Research Methods. (*This course is given in Turkish.*)

OKL208 Drama (Drama) (3 credits) The purpose of this course is to prepare to plan and implement activities for pre-school students and to recognize the importance of drama in education and developmental effects of early childhood drama in education as well as to understand the relationship between drama and development. Students will learn about drama, drama in education process and

planning, implementation and evaluation and will understand the critical role of drama. (*This course is given in Turkish.*)

SYT029 Birey ve Davranış (Individual and Behavior) (3 credits) The purpose of this course is to explain the behavior of the multi-disciplinary aspects and to ensure learning by creative drama for students to develop analytical thinking skills. (*This course is given in Turkish.*)

FACULTY OF ENGINEERING AND ARCHITECTURE

Architecture (Turkish) (English)

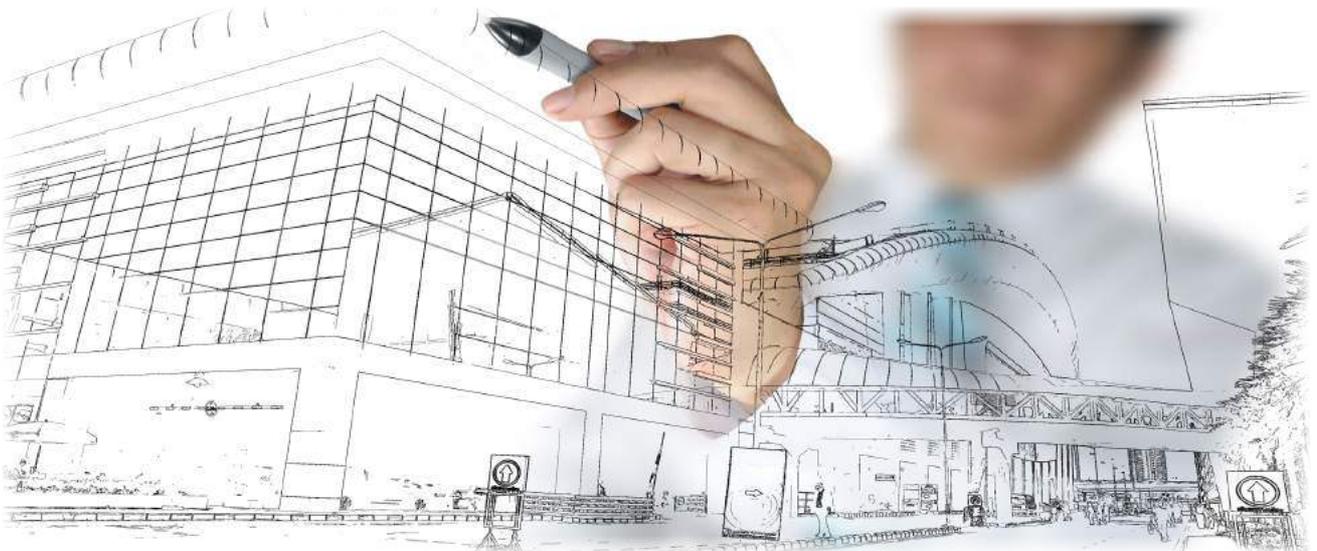
About Program

The architectural profession is an interdisciplinary field, including wide range of fields such as sustainable and ecological design, building structure and materials, history of architecture and restoration, urban design and planning, interior design, landscape design, construction techniques, philosophy and art.

At Okan University Department of Architecture, our aim is to train students to become creative and modern architects who have a firm grasp on contemporary technologies, and who possess historical and social awareness, sensitivity towards the environment, and a sense of ethics. Our educational model is based on praxis (learning by practicing) and focuses upon developing the leadership skills and entrepreneurship qualities necessary for prospective architects. By incorporating working architects' active contribution into the design education, we bring students into close contact with the professional sphere from the earliest phases of their education, thus fully preparing them for the careers they will pursue after graduation.

Objectives

Okan University Department of Architecture aims to train students to become creative and contemporary architects who are well equipped with the knowledge of cutting edge technologies, historical and social awareness, sensitivity to the environment and ethics. With the education where theory and practice are carried out together in English; it is aimed to train architects who have internalized architectural concepts and are qualified in foreign languages, possess required specifications for the sector and will be present in international competition. The total credits required for the satisfactory completion of the curriculum are 151credits. The program additionally requires three internships each enduring 90 work days.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA111	History of Turkish Revolution I	Yes	Yes	2 + 0	2
ARCH121	Architectural Design I	Yes	Yes	4 + 4	6
TRD111	Turkish Language I	Yes	Yes	2 + 0	2
MATH115	Basic Mathematics	Yes	Yes	2 + 2	3
ARCH115	Basic Design	Yes	Yes	2 + 2	3
ARCH113	Introduction to Art and Architectural History	Yes	Yes	3 + 0	3
ARCH119	Urban Topography	Yes	Yes	2 + 0	2

[+] 1. Semester Elective Course List

ARCH280	Universal Design	No	Yes	3 + 0	3
Total					24

2st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA112	History of Turkish Revolution II	Yes	Yes	2 + 0	2
ARCH122	Architectural Design II	Yes	Yes	2 + 6	5
TRD112	Turkish Language II	Yes	Yes	2 + 0	2
ARCH112	Computer Applications in Architecture	Yes	Yes	1 + 2	2
ARCH114	Statics and Strength of Materials	Yes	Yes	2 + 2	3
ARCH116	Building Construction and Materials I	Yes	Yes	2 + 2	3
CLP001	Career and Life Planning	Yes	Yes	0 + 2	1

[+] 2. Semester Elective Course List

Total					18
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*C: Compulsory
 **A: Average
 *** L + P: Lecture + Practice

3st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ARCH221	Architectural Design III	Yes	Yes	2 + 6	5
ARCH203	History of Architecture I	Yes	Yes	3 + 0	3
ARCH207	Building Costruction and Materials II	Yes	Yes	2 + 2	3
ARCH211	Steel Structures in Architecture	Yes	Yes	3 + 0	3
ARCH209	Computer Aided Design	Yes	Yes	3 + 0	3

[+] 3. Semester Elective Course List

	Elective Foreign Language	No	Yes	3 + 0	3
Total					20

4st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ARCH222	Architectural Design IV	Yes	Yes	2+ 6	5
ARCH204	History of Architecture II	Yes	Yes	3 + 0	3
ARCH208	Sustainable Design	Yes	Yes	3 + 0	3

[+] 4. Semester Elective Course List

ARCH380	Traditional Turkih House	No	Yes	3 + 0	3
	Elective Foreign Language	No	Yes	3 + 0	3
Total					17

5st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ARCH321	Architectural Design V	Yes	Yes	2 + 6	5
ARCH305	History of Architecture III	Yes	Yes	3 + 0	3
ARCH307	Environmental Control I	Yes	Yes	3 + 0	3
ARCH309	Conservation and Restoration	Yes	Yes	3+ 0	3
ARCH311	Concrete Structure	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 5. Semester Elective Course List

ARCH455	Sustainable Approaches in Urban Design	No	Yes	3 + 0	3
Total					20

6st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ARCH322	Architectural Design VI	Yes	Yes	2 + 6	5
ARCH310	Analysis of Historical Structures	Yes	Yes	3 + 0	3
ARCH320	Environmental Control II	Yes	Yes	3 + 0	3
ARCH322	Urban Planning and Building Law	Yes	Yes	3 + 0	3

[+] 6. Semester Elective Course List

ARCH462	Advanced 3D Modelling	No	Yes	3 + 0	3
Total					17

7st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ARCH421	Architectural Design VII	Yes	Yes	2 + 6	5
ARCH403	Design and Construction of Structure Systems	Yes	Yes	3 + 0	3
ARCH409	Project and Construction Management	Yes	Yes	3 + 0	3
ARCH405	Urban Design	Yes	Yes	3 + 0	3
BUS416	Entrepreneurship	Yes	Yes	3 + 0	3

[+] 7. Semester Elective Course List

ARCH473	Urban Open Space Design Principles	No	Yes	3 + 0	3
Total					20

*C: Compulsory
 **A: Average
 *** L + P: Lecture + Practice

8st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ARCH422	Architectural Design VIII	Yes	Yes	2 + 8	6

[+] 8. Semester Elective Course List

ARCH475	Drawing as an Extention of Thought	No	Yes	3 + 0	3
ARCH481	Spatial Sociology	No	Yes	3 + 0	3
ARCH486	Culture, Arhitecture and Design	No	Yes	3 + 0	3
ARCH491	Landscape, Health and Design	No	Yes	3 + 0	3
Total					15
Grand Total					151

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

ATA111 History of Turkish Revolution I (2 credits) (*See General Education*)

ARCH121 Architectural Design I (6 credits) The studio will cover certain topics of architecture like; (1)system-component relation (2)organization-order, (3)form, (4)three dimensional thinking, (5)structure, (6)tectonics and (7) built environment with small but quickly developed-finalized projects to form a solid foundation for further design studios. Due to the varied scales dealt within this studio, students will be encouraged to produce a reciprocal relationship between the given content and the surrounding context. Another aspect of the studio is that, the students will be introduced and are encouraged to invest in a variety of media to represent their statements –from diagramming to physical and digital models. The studio aims to introduce and develop the skills that will foster the perception, comprehension, and design of meaningful space. The studio, also aims to introduce the issues at stake in understanding design decision-making and provide a foundation for future design courses.

TRD111 Turkish Language I (2 credits) (*See General Education*)

MATH115 Basic Mathematics I (4 credits) (*See General Education*)

ARCH115 Basic Design (5 credits) Complementary course for synthesize the principles of Basic design I. This course is designed as workshops that can be taken as an independent course for new attendants. It is aimed to develop students' abilities to interpret the principles of space making, concept formation, meaning interpretation, and making design critics on their own works and others' designs.

ARCH113 Introduction to Art and Architectural History (3 credits) Introduction to basic concepts of art and architecture in an historical context.

ARCH119 Urban Topography (2 credits)This course aims to introduce analysis phase of the design process to the students and to teach techniques of systematical analysis.

ATA112 History of Turkish Revolution II (2 credits) (*See General Education*)

ARCH122 Architectural Design II (5 credits) The studio will cover certain topics of architecture like; (1)space, (2)organization, (3)structure, (4)circulation, (5)function, (6)tectonics and (7) scale with small but quickly developed-finalized projects to form a solid foundation for further design studios. Due to the varied scales dealt within this studio, students will be encouraged to produce a reciprocal relationship between the given content and the surrounding context. Another aspect of the studio is that, the students will be introduced and are encouraged to invest in a variety of media to represent their statements –from diagramming to physical and digital models. The studio aims to introduce and develop the skills that will foster the perception, comprehension, and design of meaningful space. The studio, also aims to introduce the issues at stake in understanding design decision-making and provide a foundation for future design courses. *Prerequisite: ARCH121*

TRD112 Turkish Language II (2 credits) (*See General Education*)

ARCH112 Computer Applications in Architecture (3 credits) To introduce conventions of editing, drawing, and teach composition of computer aided design techniques to depict both real and imaginary situations including three-dimensional projections; to develop the ability to express ideas through both Pixel and Vector drawing and stressing the incorporation of those two media; to develop further the drawing vocabulary gained in the second semester; to develop effective computer lab habits.

ARCH114 Statics and Strength of Materials (3 credits) Concept of Force. Concurrent forces in a plane. Parallel forces in a plane. Moment of a force and couple. General case of forces in a plane. Centroids. Supports and reactions. Loads. Friction. Moments of inertia. Internal forces. Stress. Strain. Axial Force. Shear Force. Bending moment. Combined bending moment and shear case. Combined bending moment and axial force case. Torsion. Deformation in bending-elastic curve Buckling.

ARCH116 Building Construction and Materials (3 credits) The principles in building construction in general and building element design in particular such as exterior/interior wall, floor, stair, roof, window-door systems will be given. This class presents the underlying theoretical and constructional principles, and provides knowledge about building construction techniques and building elements as well as their integration. During the semester, the students are required to perform the given assignments on each building element and component. The assignments will be the analysis of the detail of a building element from the "Detail" journal. The analysis of the building element systems will be done by considering the

- system components (main function, material, dimension),
- their performance (visual affect-aesthetics, structural, thermal, water/humidity, acoustics, fire) and
- construction process.

The details will be re-drawn by showing each component in the system.

Studio Work: The building element systems will be analyzed in two reference buildings. The design of each building element system of the reference building will be performed by the students by taking account of the expected performance.

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

ARCH221 Architectural Design III (5 credits) The studio aims to introduce new trends on space design in houses and offices. The design problems caused by the interaction between new office working and home living conditions are studied. Projects on modern offices and houses are developed.
Prerequisite: ARCH122

ARCH203 History of Architecture I (3 credits) Understanding the change of architecture from preagricultural term to the end of the antiquete, from prehistoric term to the end of the early chirstianity term.

ARCH207 Building Costruction and Materials II (3 credits) The principles in building construction in general and building element design in particular such as exterior/interior wall, floor, stair, roof,

window-door systems will be given. This class presents the underlying theoretical and constructional principles, and provides knowledge about building construction techniques and building elements as well as their integration. During the semester, the students are required to perform the given assignments on each building element and component. The assignments will be the analysis of the detail of a building element from the “Detail” journal.

The analysis of the building element systems will be done by considering the

- system components (main function, material, dimension),
- their performance (visual affect-aesthetics, structural, thermal, water/humidity, acoustics, fire) and
- construction process.

The details will be re-drawn by showing each component in the system.

Studio Work: The building element systems will be analyzed in two reference buildings. The design of each building element system of the reference building will be performed by the students by taking account of the expected performance. Exterior wall/floor, exterior wall/roof, exterior wall/window, floor/stair conjunctions will also be designed. The drawing scales will be 1/50, 1/10, 1/5 depending on the detail or the subject. The information related with the reference buildings which will be used in the studio work are given below.

1. Detached house

Construction system: Concrete skeleton system, Construction on site

Materials:

1. External wall system: Aerated concrete or non-load bearing brick
2. Window system: Timber
3. Roof system: Built-up low slope roof and pitched with timber construction and tiles
4. Floor system: Reinforced concrete and floor with hollow brick
5. Stair system: Concrete structure and timber structure
6. Internal wall system: Metal stud partition with gypsum wall board

ARCH211 Steel Structures in Architecture (3 credits) Design of steel structures, material properties of steel, connections, tension members, compression members, bending members, dimensioning and arrangement of steel trusses, multi-storey steel buildings arrangement principles and examples.

ARCH209 Computer Aided Design (3 credits) To introduce conventions of drawing, and teach computer aided drawing techniques to depict both real and imaginary situations including three-dimensional projections; to develop the ability to express ideas through computer aided drawing and stressing the incorporation of those two media; to develop further the drawing vocabulary gained in the second semester; to develop effective studio work habits.

ARCH222 Architectural Design IV (5 credits) The main subject of Design Studio III course is Re-Designing of an existing neighbourhood by cleaning unwanted components like buildings and structures alike in the given district ; replacing them by desired and necessary urban functions, thus creating a pleasing & livable environment for the public, the inhabitants of the city. This approach is generally called as “Urban Design” in the context of “Urban Regeneration” which are mostly handled in larger scales, as city quarters, or at times the whole settlement by even re-organizing its streets and roads. Subject existing neighborhood is shown on the given plan. *Prerequisite: ARCH221*

ARCH204 History of Architecture II (3 credits) Understanding the improvement of christian architecture until industrial revolution. European architecture from early christianity to industrial revolution

ARCH208 Sustainable Design (3 credits) This course aims to teach the best possible way to design energy efficient, healthy and environmentally friendly structures.

ARCH321 Architectural Design V (5 credits) The mission of this design studio is on the “design process” and “service learning” to encourage knowledge-based design combined with critical thinking, questioning, analyzing, and communicating to arrive at architectural solutions that can build and sustain communities. The possibilities are emergency/low-income housings accommodations on containers; office buildings, sport buildings, theatre buildings, cinema buldings. *Prerequisite: ARCH222*

ARCH305 History of Architecture III (3 credits) Understanding architecture is effected by modernity and industrialization.

ARCH307 Environmental Control I (3 credits) Teaching basic information about passive climatization, climate and climatic control systems, natural and artificial lighting, acoustical controlsystems, designing of built environment as passive climatization, lighting, acoustical control systems.

ARCH309 Conservation and Restoration (3 credits)Conservation of historical monuments, architectural and cultural heritage in our country and their conservation problems Description of the national and international notions, decisions, charters and laws concerning cultural heritage -especially architectural heritage- conservation, understanding and at the next-generation transmission. Training deterioration causes of the architectural heritage elements, conservation and restoration methods and technics, principles of the new construction in traditional tissu.It’s explained historical evaluation and theoretical basis of conservation concept, conservation criterias, classification of architectural values, deterioration causes of buildings and historical environment. It’s informed about conservation concepts in site and urban scale, single building and building groups, areal work and preparation stage of restoration projects with conservation and restoration examples in Turkey and the world.

ARCH311 Concrete Structure (3 credits) Introduction of reinforced concrete as a structural material.Develop understanding of design of reinforced concrete structures.Introduce the principles of ultimate strength theory and develop knowledge and ability to use of related building codes.Ability to calculate reinforced concrete structural elements according to ultimate strength theory.Ability to design suitable load bearing reinforced concrete elements for considered structures.

ARCH324 Architectural Design VI (5 credits) In this design studio you will design mass housing on the selected site. The designed buildings will be responsive to site conditions, such as urban context, traffic and pedestrian circulations, etc., and sustainability of socio-cultural and urban pattern should be considered. The students are expected to design multi storey apartment buildings consisting of different type of housing units for different social groups by both considering the technical issues like carrying systems, plumbing etc. and also public housing laws together with the fire and civil protection regulations. *Prerequisite: ARCH321*

ARCH310 Analysis of Historical Structures (3 credits) To give information for reading the ancient structures and physical environments that forms. To teach analytical survey and documentation

methods, analysis and establishing application methods, spatial and construction analysis technics. Case studies (transportation, function, etc.), building analysis, architectural analysis of specific buildings with respect to architectural history; analytic surveys (restitution work on non-existing buildings).

ARCH320 Environmental Control II (3 credits) Teaching basic information about mechanical (active) climatization, ventilation, cooling (HVAC) systems, sanitary systems, fire control systems, electrical lighting systems, strengthen the theoretically learned information by applying on a project.

ARCH322 Urban Planning and Building Law (3 credits) Urban design is the process of shaping the setting for life in cities, towns and villages. It is a process that involves politicians; a wide range of people with a stake in an area; and many different kinds of professionals. A successful outcome depends on these people working effectively together. Every day countless decisions are made that have the potential to make a piece of a city, town or village a little more lively, welcoming and pleasant, or a little more hostile, unpleasant or unsafe. These decisions can enhance or erode a place's distinctive character. Some of these decisions concern major developments. But even the overall effect of many small developments, such as house extensions, shop fronts and infill schemes, can change a place dramatically for the better or worse over only a few years. By focusing on quality in urban design and architecture, the planning system can make a difference. Good urban design is a powerful tool for achieving a higher quality of life, greater economic vitality and a more efficient use of resources. It is key to making places where talented people will want to live, and which will nurture economic success.

ARCH421 Architectural Design VII (5 credits) In this design studio you will design a large scale building (like hospital, film studio or mass housing) on the selected site. The designed buildings will be responsive to site conditions, such as urban context, traffic and pedestrian circulations, etc., and sustainability of socio-cultural and urban pattern should be considered. The students are expected to design multi storey apartment buildings consisting of different type of housing units for different social groups by both considering the technical issues like carrying systems, plumbing etc. and also public housing laws together with the fire and civil protection regulations. *Prerequisite: ARCH324*

ARCH403 Design and Construction of Structure Systems (3 credits) This course addresses the design of structural systems for buildings and bridges. Topics covered include design procedures, sources of information for design, sources of loading conditions and combinations, preliminary design methods, primary and secondary structural systems, nonstructural components and interaction. This is a design-oriented course in which students work on a project, in groups of three-four, ranging from schematic design to a final design report.

ARCH409 Project and Construction Management (3 credits) Introduction to managing the development, design and construction of projects. Examination of Project management for the total development process, including inter-relationships between owners, developers, financing sources, designers, contractors and users; methods of project delivery; role and tasks of the project manager; introduction to planning and scheduling; financing and cash flow analysis; introduction to control of cost and time; computer applications.

ARCH405 Urban Design (3 credits) Urban design is the process of shaping the setting for life in cities, towns and villages. It is a process that involves politicians; a wide range of people with a stake in an area; and many different kinds of professionals. A successful outcome depends on these people working effectively together. Every day countless decisions are made that have the potential to make a piece of a city, town or village a little more lively, welcoming and pleasant, or a little more hostile, unpleasant or unsafe. These decisions can enhance or erode a place's distinctive character. Some of these decisions

concern major developments. But even the overall effect of many small developments, such as house extensions, shop fronts and infill schemes, can change a place dramatically for the better or worse over only a few years. By focusing on quality in urban design and architecture, the planning system can make a difference. Good urban design is a powerful tool for achieving a higher quality of life, greater economic vitality and a more efficient use of resources. It is key to making places where talented people will want to live, and which will nurture economic success

BUS220 Entrepreneurship (3 credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production, business ethics will also be examined. The original side of this course is business people' sharing their experience with students.

ARCH422 Diploma Project(6 credits) In this design studio students will design not only the buildings but also a program for a selected urban site. The designed buildings will be responsive to site conditions, such as urban context, traffic and pedestrian circulations, etc., and sustainability of socio-cultural and urban pattern should be considered. The students are expected to design multi storey apartment buildings consisting of different type of housing units for different social groups by both considering the technical issues like carrying systems, plumbing etc. and also public housing laws together with the fire and civil protection regulations. *Prerequisite: ARCH421*

ELECTIVES

ARCH280 Universal Design (3 credits) The aim of this course is to introduce the basic concepts and principles related to universal design.

ARCH380 Traditional Turkish House (3 credits) This course aims to introduce the students to the architectural form of traditional houses which aren't manufactured today and are rapidly destroyed

ARCH455 Sustainable Approaches in Urban Design (3 credits) This course is designated to provide knowledge, skills and values in sustainable urban design. Content of the course includes application of principles of sustainable urban design to existing cities and towns and development of a strategic approach to long-term sustainability.

Students enrolled are expected to demonstrate knowledge and understanding of the role of urban design in the long-term development of a sustainable environment. They will also improve their knowledge of methods used in the planning and design processes of sustainable urban structures. This course will allow enrolled students to apply sustainable urban design concepts in their professional practices.

ARCH462 Advanced 3D Modelling (3 credits) This course addresses the health benefits of interaction with urban landscapes and its implications for urban design. The course will explore 'ecological design' in relation with landscape and health concepts in the context of architecture.

ARCH473 Urban Open Space Design Principles (3 credits) Good urban design is not an abstract ideal. It is a matter of creating the right conditions to make places work, and the planning system has a central role in achieving this aim. Crucially, the planning system provides the opportunity to ask:

- What sort of place do we want
- How can we promote the qualities

we want The planning system has always been concerned with getting the right mix of land uses, such as housing, retail or industry, in the right location. Now we recognise that making successful places also depends on getting the physical form of development right. This has long been recognised in historic areas. But every town and city is special to the people who live or work there. Urban design is relevant from the largest to the smallest scale, and from the most historic town centre to the newest suburban development. Urban design is the process of shaping the setting for life in cities, towns and villages. It is a process that involves politicians; a wide range of people with a stake in an area; and many different kinds of professionals. A successful outcome depends on these people working effectively together. Every day countless decisions are made that have the potential to make a piece of a city, town or village a little more lively, welcoming and pleasant, or a little more hostile, unpleasant or unsafe. These decisions can enhance or erode a place's distinctive character. Some of these decisions concern major developments. But even the overall effect of many small developments, such as house extensions, shop fronts and infill schemes, can change a place dramatically for the better or worse over only a few years. By focusing on quality in urban design and architecture, the planning system can make a difference. Good urban design is a powerful tool for achieving a higher quality of life, greater economic vitality and a more efficient use of resources. It is key to making places where talented people will want to live, and which will nurture economic success.

ARCH475 Drawing as an Extension of Thought (3 credits) The studio will cover certain concepts which define our perception of the world like; (1)scale, (2)perspective, (3)motion, (4)time, (5)coordinate systems, (6)sound and (7) scale with small but quickly developed-finalized sketches to form a new perception for the universe we live in. These concepts are not taken in a conventional way but they will be deconstructed with the exercises practiced in every class, intentionally deconstructing these concepts will make visible the relation between them. The students will be introduced and are encouraged to invest in a variety of media to represent their statements –from text writing to sketches to physical models. The studio aims to introduce and develop the skills that will foster the perception, comprehension and encourage students to imagine freely.

ARCH481 Spatial Sociology (3 credits) This course focuses on the concept of sociology of space. Spatial sociology focuses on how social factors affect and shape spatial environment. This course is designed to enhance student understanding of the basic concepts of space in relation with identity, culture, urban inequality, social interaction, crime and gender studies.

ARCH486 Culture, Architecture and Design (3 credits) This course addresses the health benefits of interaction with urban landscapes and its implications for urban design. The course will explore 'ecological design' in relation with landscape and health concepts in the context of architecture.

ARCH491 Landscape, Health and Design (3 credits) This course addresses the health benefits of interaction with urban landscapes and its implications for urban design. The course will explore 'ecological design' in relation with landscape and health concepts in the context of architecture.

Automotive Engineering

About Program

The automotive industry including its suppliers is a vital part of the Turkish industry. İstanbul Okan University is right next to the Formula 1 İstanbulpark circuit and is strategically located in the midst of major automotive OEMs and suppliers. The university has designated the automotive area as one of strategic importance due to its strong ties with automotive OEMs and suppliers. Our goal is to be the top automotive engineering program in Turkey, to be recognized internationally and to graduate automotive engineers who will be leaders in the automotive industry.

Objectives

The Automotive Engineering Programme aims to provide a quality, well-rounded education in engineering science and design, and to prepare graduates who will be effective contributors to the Automotive Engineering profession within a short time after their graduation. The total credits required for the satisfactory completion of the curriculum are 127 credits. The program additionally requires two internships each enduring 20 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TRD111	Turkish I	Yes	Yes	2 + 0	2
PHYS113	Physics-I	Yes	Yes	2 + 2	3
ME101	Introduction to Mechanical/Automotive Engineering	Yes	Yes	3 + 0	3
CHM101	Chemistry	Yes	Yes	3 + 0	3
ATA111	History Of Turkish Revolution I	Yes	Yes	2 + 0	2
MATH113	Mathematics I	Yes	Yes	3 + 2	4
[+] 1. Semester Elective Course List					
	Foreign Language Elective	No	Yes	2 + 2	3
Total :					20

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TRD112	Turkish II	Yes	Yes	2 + 0	2
PHYS114	Physics-II	Yes	Yes	2 + 2	3
ATA112	History of Turkish Revolution II	Yes	Yes	2 + 0	2
MATH114	Mathematics II	Yes	Yes	3 + 2	4
ME102	Statics For Mechanical Engineers	Yes	Yes	3 + 0	3
CLP001	Career And Life Planning	Yes	Yes	0 + 2	1
[+] 2. Semester Elective Course List					
	Foreign Language Elective	No	Yes	2 + 2	3
Total :					18

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ME203	Engineering Materials	Yes	Yes	2 + 2	3
ME201	Computer Aided Technical Drawing	Yes	Yes	2 + 2	3
MATH215	Mathematics III	Yes	Yes	2 + 2	3
ME205	Thermodynamics I	Yes	Yes	3 + 0	3

[+] 3. Semester Elective Course List

	University Elective	No	Yes	3 + 0	3
Total :					15

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ME212	Computer Aided Mechanical Design	Yes	Yes	2 + 2	3
ME210	Mechanics of Materials I	Yes	Yes	3 + 0	3
MATH216	Mathematics IV	Yes	Yes	2 + 2	3
CMPE152	Computer Programming	Yes	Yes	2 + 2	3
INT001	Internship I	Yes	No	0 + 0	0

[+] 4. Semester Elective Course List

	University Elective	No	Yes	3 + 0	3
Total ⁵³					15

5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
AUTO301	Vehicle Development Fundamentals	Yes	Yes	3 + 0	3
ME303	Mechanical Experimental Lab I	Yes	Yes	2 + 2	3
ME305	Machine Design I	Yes	Yes	3 + 0	3
ME307	Fluid Mechanics I	Yes	Yes	3 + 0	3
ME309	Dynamics	Yes	Yes	3 + 0	3
ME313	Systems and Control	Yes	Yes	3 + 0	3
Total :					18

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ME302	Heat Transfer I	Yes	Yes	3 + 0	3
ME306	Machine Design II	Yes	Yes	3 + 0	3
ME310	Theory of Machines	Yes	Yes	3 + 0	3
AUTO304	Automotive Electronics And Mechatronics	Yes	Yes	3 + 0	3
AUTO306	Automotive Production Processes, Quality Assurance And Production Management	Yes	Yes	3 + 0	3
Total :					15

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7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
AUTO405	Automotive Lab	Yes	Yes	2 + 2	3
BUS220	Entrepreneuership	Yes	Yes	2 + 2	3
AUTO407	Vehicle Dynamics	Yes	Yes	3 + 0	3

[+] 7. Semester Elective Course List

AUTO471	Automotive Body and Interior Design	No	Yes	3 + 0	3
AUTO473	Automotive Aerodynamics and Thermal Systems	No	Yes	3 + 0	3
AUTO491	Special Topics in Automotive Engineering	No	Yes	3 + 0	3
ME451	Engineering Applications of Dynamics	No	Yes	3 + 0	3
ME453	Thermodynamics II	No	Yes	3 + 0	3
ME455	Fluid Mechanics II	No	Yes	3 + 0	3
ME457	Mechanics of Materials II	No	Yes	3 + 0	3
ME461	Systems and Control II	No	Yes	3 + 0	3
Total :					15

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
AUTO404	Graduation Project	Yes	Yes	2 + 0	2
AUTO460	Internal Combustion Engines	Yes	Yes	3 + 0	3
[+] 8. Semester Elective Course List					
AUTO472	Alternative Drive Systems	No	Yes	3 + 0	3
AUTO462	Vehicle Controls	No	Yes	3 + 0	3
ME452	Vibration	No	Yes	3 + 0	3
ME454	Mechanical Behavior of Materials	No	Yes	3 + 0	3
ME456	Heat transfer II	No	Yes	3 + 0	3
ME458	Introduction to Finite Element Analysis	No	Yes	3 + 0	3
ME460	HVAC	No	Yes	3 + 0	3
Total :					11
Grand Total					127

*C: Compulsory
 **A: Average
 *** L + P: Lecture + Practice

Course Descriptions

MATH113.Mathematics I (4 credits) (*See General Education*)

ATA111.History of Turkish Revolution-I (2 credits) (*See General Education*)

PHYS113.Physics-I (3 credits) (*See General Education*)

TRD111.Turkish-I (2 credits) (*See General Education*)

ME101.Introduction to Mechanical/Automotive Engineering (3 credits) The objective of this course is to cover history and emergence of mechanical and automotive engineering. Basic concepts and subjects, fields of work, qualifications and skills of mechanical and automotive engineers, an overview of the mechanical and automotive engineering curriculums at Okan University.

CHM101.Chemistry (3 credits) (*See General Education*)

MATH114.Mathematics II (4 credits) (*See General Education*) *Prerequisite:MATH113*

ATA112.History of Turkish Revolution-II (2 credits) (*See General Education*)

PHYS114.Physics-II (3 credits) (*See General Education*)

TRD112.Turkish-II (2 credits) (*See General Education*)

ME102.Statics for Mechanical Engineers (3 credits) The purpose of Statics for Mechanical Engineers course at Okan University includes; Vectors, forces, rectangular components, moment, couple, resultant. Two and three dimensional force systems. Equilibrium in two and three dimensions. Free body diagram. Plane trusses. Method of joints. Method of sections, space trusses, frames and machines. Centers of mass and centroids. Cables. Friction. Virtual work.

CLP001.Career and Life Planning (1 credits) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

MATH215.Mathematics III (3 credits) (*See General Education*)

ME201.Computer Aided Technical Drawing (3 credits) The Purpose of this course is to understand Technical Drawing with AutoCAD concept, perspective projections and types, orthographic projection, isometric drawing, oblique drawing, sectioning of the objects, dimensioning, and solid drawing,

ME203.Engineering Materials (3 credits) This course will investigate the techniques to classify different kinds of materials in nature and specify the importance of these materials in science and engineering. Discussions will range from key concepts to useful material resources. Among the topics covered are: Classification of materials, atomic structure and interatomic bonding, the structure of crystalline solids, crystalline and noncrystalline materials, imperfections in solids, mechanical properties of materials, phase diagrams and phase transformations, metal alloys, structure and properties of ceramics, polymers and composites; electrical, magnetic, thermal and optical properties of materials. Performance of materials in service.

ME205.Thermodynamics I (3 credits) The purpose of this course to introduce the student basic concepts of thermodynamics; such as properties of pure substances with phase changes, energy transfer by heat, work and mass, 1st Law of Thermodynamics in open and closed systems, 2nd Law of Thermodynamics, and Entropy. This course is designated to provide the knowledge necessary to move from the role of a student to that of an engineer. The focus is directed toward the legal, ethical and professional responsibilities of an engineer.*Prerequisite:PHYS113, PHYS114*

MATH216.Mathematics IV (3 credits) (*See General Education*)

ME210.Mechanics of Materials I (3 credits) The objective of this course is to cover axially loaded bars, analysis of stress and strain, Mohr's circle, torsion, transverse loading of beams, stresses in beams, deflection of beams, design of shafts and beams under combined loading, statically indeterminate problems, and energy methods.

ME212.Computer Aided Mechanical Design (3 credits) The purpose of this course is to introduce to the basic 3D solid modeling, sketching, and assemblies of mechanical parts by using SolidWorks. The course material will consist of the combination of two parts. Part I covers the principles of SolidWorks, simple and advanced part modeling approaches, assembly modeling, drawing, and integrating SolidWorks with AutoCAD drawings. Part II covers the applications of SolidWorks in manufacturing processes and mechanical systems. The manufacturing processes applications include mold design, screw threaded parts design, spring design, and welding drawings. The mechanical systems applications will include parts like: pipes, gears, pulleys, belts, chains, vents, cams, linkages and springs, hinges, threads and fasteners. This course is designed to provide the student with a clear and thorough description as introduction to 3D Mechanical Design by using SolidWorks. This course is designed to provide the student with a clear and thorough demonstration of technical drafting and design by using SolidWorks program. The course includes theory and lab classes. Materials covered in this course are crucial to subsequent courses in the engineering curricula. Up on successful completion of this course, students will be able to cover the followingsubjects. *Prerequisite:ME201*

CMPE152.Computer Programming (3 credits) (*See General Education*)

AUTO301.Vehicle Development Fundamentals (3 credits) The objective of this course is to introduce products portfoglio plan, vehicle specs preparation, Project management principles, Vehicle architecture, vehicle drive train selection, vehicle performance calculations, fuel consumption calculations, vehicle homologotion principles, safety issues,design FMEA.

ME303.Mechanical Experimental Lab I (3 credits) This course is designed to provide the student with a clear and through description as basics of engineering experiments and measurement systems. Materials covered in this course are crucial to subsequent courses in the engineering curricula. The course discusses quantitatively the components of a measurement system.

ME305.Machine Design I (3 credits) This course will investigate the techniques to classify and analyze different kinds of machine elements. Various design criteria of machine elements will be discussed thoroughly. Discussions will range from key concepts to useful material resources. Among the topics covered are: Review of load analysis, materials, stress and strain. Types of failures, fracture mechanics, static failure theories, stress theories, modified Mohr theory, safety factors, reliability. Linear, bending and torsional impact. Fatigue for elements under torsional, bending and axial stress. Influence of surface and size on fatigue strength. Fatigue life with random varying loads. Surface damage with corrosion, adhesive and abrasive wear. Surface fatigue failures.

ME307.Fluid Mechanics I (3 credits) The purpose of the Fluid Mechanics I course at Okan University includes; Hydrostatics, kinematics of flow, continuity equation, Euler's and Bernoulli's equations, viscous flow equations, head loss in ducts and piping systems, momentum theorems, dimensional analysis and similitude, potential flow, circulation and vorticity.

ME309.Dynamics (3 credits) The objective of this course is to cover dynamics of particles: rectilinear and curvilinear motion. Newton's laws, momentum and angular momentum methods, work and energy, system of particles, dynamics of rigid bodies in plane motion; kinematics, work and energy methods for rigid bodies.

ME313.Systems and Control (3 credits) Modeling in time domain and frequency domain, time response, stability, steady state errors, block diagrams, root locus and frequency techniques, design by root locus and frequency techniques.

ME302.Heat Transfer I (3 credits) The purpose of this course is designed to provide the student with a clear and thorough description as introduction to Heat Transfer. Materials covered in this course are crucial to subsequent courses in the engineering curricula. The course discusses quantitatively the three main modes of heat transfer, which are conduction, convection, and radiation. A combined approach will be followed that will stress both the fundamentals of the rigorous differential description of the involved phenomena and the empirical correlations used for engineering design.
Prerequisite: MATH113, MATH114, ME205

ME306.Machine Design II (3 credits) This course will investigate the techniques to classify and analyze different kinds of machine elements. Various design criteria of machine elements will be discussed thoroughly. Discussions will range from key concepts to useful material resources. Among the topics covered are: Threaded fasteners and power screws. Rivets, welding and bonding. Springs. Lubrication and sliding bearings. Rolling element bearings. Spur gears: gear force analysis, gear tooth strength, gear tooth durability, gear tooth fatigue analysis and gear materials. Helical, bevel and worm gears. Shafts and associated parts. Clutches and brakes. Machines components such as flat belts, V-belts, toothed belts, roller chains, inverted tooth chains, fluid couplings and hydrodynamic torque converters.*(Prerequisites: ME305)*

ME310 Theory of Machines (3 credits) This course is designed to provide the student with a clear and thorough description as introduction to Theory of Machines. Materials covered in this course are crucial to subsequent courses in the engineering curricula. The course discusses quantitatively planar mechanisms, degree of freedom, kinematic analysis of mechanisms, dynamic analysis of mechanisms, virtual work, differential equation of mechanisms, balancing of rotating components, balancing of linkages, flywheel calculation, cams.*Prerequisites: ME309*

AUTO304. Automotive Electronics and Mechatronics (3 credits) The objective of this course is to introduce automotive electric system architecture and network, CAN systems, Flexray, energy requirements, basic components, basic electronic control units, and their relation, embedded software preparation basics, testing methods and homologation effects, sensors and characteristics, future of automotive electronics.

AUTO306 Automotive Production Processes, Quality Assurance and Production management (3 credits) The objective of this course is to introduce manufacturing technology concept for automotive production, manufacturing processes, casting, welding, plastic forming methods of metals and machining methods, sintering. Forming of ceramics, plastics and composites applied to vehicle manufacturing. Quality systems and concepts

AUTO405. Automotive Lab (3 credits) Weekly experiments from different areas of mechanical engineering. A weekly report is written for every experiment.

BUS220. Entrepreneurship (3 credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production, business ethics will also be examined. The original side of this course is business people' sharing their experience with students.

AUTO407. Vehicle Dynamics (3 credits) The objective of this course is to cover tire modeling, longitudinal vehicle dynamics, driveline dynamics , lateral vehicle dynamics (kinematic model, bicycle model, stability), suspension modeling (suspension kinematics, camber, quarter car model, half car model, vibration, frequency response), roll dynamics (roll angle, anti-roll bars, roll-over), steering mechanism (Ackermann steering) hydraulic boost, electric boost, caster angle, toe angle), trailer dynamics, trailers with steering.

AUTO404 Graduation Project (2 credits) This course is designated to provide the student the procedure for design of an engineering structure and presentation.

AUTO460. Internal Combustion Engines (3 credits) The objective of this course is to cover spark ignition and compression ignition engines, thermochemistry of fuel air mixtures, combustion, cooling of engines, fluid motion inside combustion chamber, engine friction losses and lubrication, design and control principles, testing and control principles.

ELECTIVES

AUTO471. Automotive Body and Interior Design (3 credits) The objective of this course is to introduce the history and emergence of mechanical and automotive engineering. Basic concepts and subjects, fields of work, qualifications and skills of mechanical and automotive engineers, an overview of the mechanical and automotive engineering curriculums at Okan University.

AUTO473. Automotive Aerodynamics and Thermal Systems (3 credits) The purpose of the Automotive Aerodynamics & Thermal Systems Course at Okan University includes; Basic principles of

aerodynamics and heat transfer, effect of aerodynamics in car design, basic thermal systems in vehicles, design principles of thermal systems, ergonomics and comfort principles related to thermal systems design.

ME453 - Thermodynamics II (3 credits) The purpose of this course to provide the student with a clear and thorough applications of Thermodynamics to the practical projects. Materials covered in this course are crucial to subsequent courses in the engineering curricula. *Prerequisites: ME205*

ME455.Fluid Mechanics II (3 credits) The purpose of the Fluid Mechanics II course at Okan University includes; Introduction to turbomachinery. Head loss. Kinematics of flow in a turbomachine. Velocity triangles. Impulse turbine. Axial and radial flow machines. The affinity laws. Some design aspects of turbomachines, linear and radial cascades. Cavitation. *Prerequisites: ME307*

ME461.Systems and Control II (3 credits) The objective of this course is to cover linear algebra review, state-space modeling, controllability, observability, minimal realizations, stability, design using linear state feedback control laws, observers, introduction to optimal control.

ME456.Heat transfer II (3 credits) The purpose of this course is to provide the student with a clear and thorough description as introduction to Heat Transfer. Materials covered in this course are crucial to subsequent courses in the engineering curricula. The course discusses quantitatively the three main modes of heat transfer, which are conduction, convection, and radiation. A combined approach will be followed that will stress both the fundamentals of the rigorous differential description of the involved phenomena and the empirical correlations used for engineering design. *Prerequisites: ME302*

ME458.Introduction to Finite Element Analysis (3 credits) The purpose of this course is to study the application of finite element methods to different mechanical engineering areas. These areas include stress analysis, heat transfer and fluid flow.

ME460.HVAC (3 credits) The purpose of the HVAC, Heating, Ventilation and Air Conditioning course at Okan University includes; Air-conditioning systems, moist air properties and conditioning processes, comfort and health-indoor environmental quality, heat transmission in building structures, space heating load, solar radiation, the cooling load, energy calculations and building simulation, flow, pumps and piping design, space air diffusion, fans and building air distribution, direct contact heat and mass transfer, extended surface heat exchangers, refrigeration. *Prerequisites: ME205*

AUTO462 Vehicle Controls(3 credits) Longitudinal control of vehicles (cruise control, adaptive cruise control, automated highway systems, ABS), lateral control of vehicles (automated lane following, vehicle stability control, automated parking, ESP), active suspensions, active anti-roll bars, semi-active suspensions, road friction estimation, roll over prevention, control of four independent electric motor drive vehicles, electric steering control, electro-hydraulic steering control.

Civil Engineering (Turkish) (English)

About Program

The Civil Engineering program welcomed its first students in the 2007-2008 academic year at Okan University's Tuzla Campus. Although the program has a brief past, our engineering students have shown a keen interest in the program, leading us to invest in enlarging the number of our faculty and teaching staff. Young assistant professors who are specialists in their respective fields, as well as active teaching and research assistants ready to attend to all of your educational needs, will make sure that you, prospective civil engineers, get a solid engineering education. The undergraduate program has been structured to educate all students in accordance with the requirements of the major fields of civil engineering. The undergraduate classes not only include the presentation of theoretical knowledge, but classroom applications and fieldtrips as well.

Objectives

The Civil Engineering department aims to graduate its students with the capability of producing practical, functional, and effective solutions to the problems of civil engineering science and technology. The total credits required for the satisfactory completion of the curriculum are 127 credits. The program additionally requires two internships each enduring 20 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA111	History Of Turkish Revolution I	Yes	Yes	2 + 0	2
CE101	Introduction to Civil Engineering	Yes	Yes	3 + 0	3
CHM101	Chemistry	Yes	Yes	3 + 0	3
PHYS113	Physics-I	Yes	Yes	2 + 2	3
TRD111	Turkish I	Yes	Yes	2 + 0	2
MATH113	Mathematics I	Yes	Yes	3 + 2	4

[+] 1. Semester Elective Course List

	Elective Foreign Language	No	Yes	2 + 2	3
Total :					20

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA112	History of Turkish Revolution II	Yes	Yes	2 + 0	2
CE102	Statics	Yes	Yes	3 + 0	3
PHYS114	Physics-II	Yes	Yes	2 + 2	3
TRD112	Turkish II	Yes	Yes	2 + 0	2
MATH114	Mathematics II	Yes	Yes	3 + 2	4
CLP001	Career And Life Planning	Yes	Yes	0 + 2	1

[+] 2. Semester Elective Course List

	Elective Foreign Language	No	Yes	2 + 2	3
Total :					18

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CE201	Strength of Materials -I	Yes	Yes	3 + 0	3
CE205	Materials Science	Yes	Yes	3 + 0	3
ME201	Computer Aided Technical Drawing	Yes	Yes	2 + 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

CE207	Dynamics	Yes	Yes	3 + 0	3
MATH215	Mathematics III	Yes	Yes	2 + 2	3
Total :					15

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CE204	Fluid Mechanics	Yes	Yes	3 + 0	3
CE206	Building Materials	Yes	Yes	3 + 0	3
CE210	Strength of Materials II	Yes	Yes	3 + 0	3
MATH265	Probability & Statistics I	Yes	Yes	3 + 0	3
MATH216	Mathematics IV	Yes	Yes	2 + 2	3
CE208	Surveying	Yes	Yes	2 + 2	3
Total :					18

5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CE301	Hydraulics	Yes	Yes	3 + 0	3
CE303	Soil Mechanics - I	Yes	Yes	3 + 0	3
CE305	Earthwork and Railway Const.	Yes	Yes	3 + 0	3
CE309	Theory of Structures - I	Yes	Yes	3 + 0	3

[+] 5. Semester Elective Course List

	University Elective University	No	Yes	3 + 0	3
Total :					15

6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CE302	Hydrology	Yes	Yes	3 + 0	3
CE304	Soil Mechanics II	Yes	Yes	3 + 0	3
CE310	Theory of Structures II	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

CE306	Highway Engineering	Yes	Yes	3 + 0	3
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[+] **6. Semester Elective Course List**

	University Elective University	No	Yes	3 + 0	3
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Total :					15
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7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
BUS220	Entrepreneuership	Yes	Yes	2 + 2	3
CE415	Reinforced Concrete I	Yes	Yes	3 + 0	3

[+] **7. Semester Elective Course List**

CE307	Construction Engineeringand Management	No	Yes	3 + 0	3
CE312	ComputerAidedStructuralModellingand Analysis	No	Yes	3 + 0	3
CE323	CompositeMaterials	No	Yes	3 + 0	3
CE403	WaterSupplyandSewageSystems	No	Yes	3 + 0	3
CE405	Steel Structures	No	Yes	3 + 0	3
CE407	WaterResourcesEngineering	No	Yes	3 + 0	3
CE417	SoilMechanics – III	No	Yes	3 + 0	3
CE419	GroundwaterHydraulics	No	Yes	3 + 0	3
CE421	RockBlastingTechnologyFor Construction	No	Yes	3 + 0	3
Total :					12

8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CE411	Graduation Project	Yes	Yes	0 + 4	2
CE404	Foundation Engineering	Yes	Yes	3 + 0	3
CE416	Reinforced Concrete II	Yes	Yes	3 + 0	3

[+] **8. Semester Elective Course List**

CE314	Railway Project	No	Yes	3 + 0	3
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

CE316	Fundamentals of Traffic Engineering	No	Yes	3 + 0	3
CE321	Advanced Materials Technology	No	Yes	3 + 0	3
CE422	In-situ Soil Testing	No	Yes	3 + 0	3
CE424	Water Power	No	Yes	3 + 0	3
CE426	Risk Management in Construction	No	Yes	3 + 0	3
CE428	Construction Project Management	No	Yes	3 + 0	3
CE430	Irrigation and Drainage	No	Yes	3 + 0	3
CE432	Prestressed Concrete	No	Yes	3 + 0	3
CE434	Earthquake Resistant Design and Performance Evaluation	No	Yes	3 + 0	3
CE436	Open Channel Flow	No	Yes	3 + 0	3
CE438	Reinforced Concrete Project Design	No	Yes	3 + 0	3
Total :					14
Grand Total					127

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

ATA111 History Of Turkish Revolution I (2 credits)*(See General Education)*

CE101 Introduction to Civil Engineering (3 credits) The primary purpose of the class is to provide understanding the concepts of various disciplines of Civil Engineering in introductory level. The course objectives are: obtain information about Civil Engineering education, and curriculum at Okan University, understand the responsibilities of a Civil Engineer, understand the ethical and professional responsibilities of a Civil Engineer, inquire information about various disciplines of Civil Engineering by reading pre-selected papers in outstanding projects, learn the technical words in various disciplines of Civil Engineering to prepare for the classes that you will take during your education, learn to be a team member by working on class presentations with your class mates in your group, improve presentation skills, and ability to convey message.

CHM101 Chemistry (3 credits) *(See General Education)*

PHYS113 Physics-I (3 credits) *(See General Education)*

TRD111 Turkish I (2 credits) *(See General Education)*

MATH113 Mathematics I (4 credits) *(See General Education)*

ATA112 History of Turkish Revolution II *(See General Education)*

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

CE102 Statics (3 credits) This course is designated to provide the definition and classification of mechanics, principles of statics, system of planar forces, constraints of planar bodies and computation of constraints, compound (Gerber) beams, systems of three hinges structures, plane trusses, cables, space system of forces, central axis, parallel forces in space, static equilibrium, center of gravity, constraints in space, spatial trusses, principle of virtual work and friction.

PHYS114 Physics-II (3 credits) *(See General Education)*

TRD112 Turkish II (2 credits) *(See General Education)*

MATH114 Mathematics II (4 credits) *(See General Education) Prerequisite:MATH113*

CE201 Strength of Materials –I (3 credits) The purpose of this course is to define the principles of statics, planar forces, supports on the plane, trusses, cables, friction, forces in the space. Definition of the strength of materials and its principles, stress, deformation and strains, stress - strain relations,

strength hypotheses, internal forces in the bars and diagrams, normal force, simple shear, torsion of the circular sections, moments of inertia, simple and nonsymmetric bendings, bending with shear, elastic curve, combined loadings. *Prerequisite: CE102*

CE205 Materials Science (3 credits) The purpose of this course is to emphasize the following topics: Introduction to materials science and engineering, classification of materials. Atomic structure and interatomic bonding: ionic bonding, covalent bonding, metallic bonding, Van der Waals bond. The structure of crystalline solids: crystal structures, crystallographic points, directions and planes, crystalline and noncrystalline materials. Imperfections in solids: point defects, miscellaneous imperfection. Diffusion. Mechanical properties of metals: tensile test, stress-strain relations, brittle behavior, ductile behavior, shear effect, hardness. Dislocations and strengthening mechanisms: recovery, re-crystallization and grain growth. Failure: ductile fracture, brittle fracture, fatigue, creep. Phase diagrams.

ME201 Computer Aided Technical Drawing (3 credits) The Purpose of this course is to understand Technical Drawing with AutoCAD concept, perspective projections and types, orthographic projection, isometric drawing, oblique drawing, sectioning of the objects, dimensioning, and solid drawing,

CE207 Dynamics (3 credits) This course is designated to provide an introduction to the principles of engineering mechanics and their applications in the design and analysis of mechanical systems. Determine the kinematic parameters, position, velocity, and acceleration of a moving object. Understand the difference between velocity, acceleration, angular velocity and angular acceleration. Represent a mechanical system using free body diagrams. Understand how unbalanced forces lead to the movement of objects that can be treated as particles, and analyze the basic aspects of this process. Determine unbalanced forces and kinematic parameters of mechanical systems by using the principles of mechanics. Analyze basic aspects of motion of rigid bodies consisting of connected links, rollers, pins and sliders. Understand how unbalanced forces lead to the movement of the center of mass of rigid bodies, and analyze the basic aspects of this process. Analyze the basic aspects of how this leads to the spinning, rotation of rigid bodies.

MATH215 Mathematics III (3 credits) (*See General Education*) *Prerequisite: MATH113*

CE204 Fluid Mechanics (3 credits) The purpose of this course is to emphasize the following topics: Introduction: Liquids and gases, the continuum assumption, dimensions and units. Fluid Properties: Compressibility, viscosity, surface tension, vapor pressure. Fluid Statics: Pressure variation with elevation, forces on plane surfaces, forces on curved surfaces, buoyancy, stability of immersed and floating bodies. Kinematics of Fluids: Euler's and Bernoulli's equation, rotation and vorticity. Control Volume Approach: The continuity equation, cavitation. Momentum Equation: Common applications, Navier-Stokes equation. Flow in Conduits: Laminar and turbulent flow. Flow Measurements: Measuring velocity, pressure, and flow rate. Drag and Lift: Terminal velocity. Dimensional Analysis and Similitude.

CE206 Building Materials (3 credits) The purpose of this course is to emphasize the following topics: Steel; advantages and disadvantages, classifications with respect to phases and carbon content, quenching, annealing, tempering, structural steels, corrosion, Aluminum, Aggregates; aggregate types, physical and mechanical properties, granulometry, deleterious substances, Portland Cement; hydration, physical and mechanical properties of cement, cement types, Mixing Water, Admixtures; chemical and mineral admixtures, Concrete; properties of fresh and hardened concrete, concrete production,

durability, compressive strength formulas, mix design, special concretes, Masonry, Asphalt Binders and Mixtures, Wood, Composites. *Prerequisite:CE205*

CE210 Strength of Materials II (3 credits) The purpose of this course is to emphasize the following topics: Bending with shear. The shear center. The shear center of thin walled sections. Elastic curve for symmetrical cross-sections. Study of elastic curve by various methods. Effect of shear on the elastic curve. Axial force with bending. Materials not resistant to tension. Bending with torsion. Energy methods. Theorem of virtual work. Theorems of Betti and Castigliano. Minimum principles. Elastic stability. Euler cases. Buckling beyond the elastic limit, method of omega multiplier, approximate methods, Rayleigh ratio. *Prerequisite:CE201*

MATH265 Probability & Statistics I (3 credits) (*See General Education*)

MATH216 Mathematics IV (3 credits) (*See General Education*) *Prerequisite:MATH113*

CE208 Surveying (3 credits) The purpose of this course is to define map and classification, what is cartography, general rules and expectations, general workflow of mapping, coordinate systems, datum, ellipsoid, concept of map projection, methods, deformations, classification of projection, UTM and Gauss Kruger projections, map sheet division, representing of topography on map, TIN and DEM, representing rules of planimetric features on map, cartographic generalization.

CE301 Hydraulics (3 credits) The purpose of this course is to emphasize the following topics: Water Flow in Pipes: Forces in pipe flow, energy in pipe flow, friction head loss-discharge relationships, types of local head losses. Pipelines and Pipe Networks: Pipelines connecting two reservoirs, Hardy-Cross method, water hammer phenomenon in pipelines. Water Pumps: Centrifugal, propeller, jet type of pumps, pumps in parallel or in series. Water Flow in Open Channels: Flow classifications, uniform flow in open channels, energy principles, hydraulic jumps, gradually varied flow, hydraulic design of open channels. *Prerequisite:CE204*

CE303 Soil Mechanics I (3 credits) Introduction to Geotechnical Engineering, Rock Cycle and the Origin of Soil, Soil-Particle Size, Clay Minerals, Specific Gravity, Weight-Volume relationships, phase diagrams, Plasticity and Structure of Soil, Classification of Soil, General principles of soil compaction, field compaction, Permeability, Bernoulli's Equation, Darcy's Law, Laplace's Equation of Continuity, flow nets, Seepage calculation from a flow net, In-Situ Stresses, Stresses in a Soil Mass, stress increase due to loading, fundamentals of consolidation, one-dimensional laboratory consolidation test. Laboratory sections of the class includes grain size distribution (Sieve and Hydrometer Analyses), moisture content, specific gravity, Atterberg Limits (Liquid Limit and Plastic Limit), standard proctor, sand cone, constant and falling head permeability, and incremental loading Consolidation tests.

CE305 Earthwork and Railway Const. (3 credits) The purpose of this course is to explain the earthwork process and introduce the design of a railway. The topics covered in this class includes: Introduction to earthworks. Volumes of fills and cuts. Mass diagram. Optimization of earth moving. Excavation methods and machines. Excavators and dampers. Introduction to railroad engineering. Train dynamics. Geometric standards of track. Gradients, curves, transition curves, location of track, superstructure elements and materials. Layout of track.

CE309 Theory of Structures – I (3 credits) This course is designated to provide knowledge and application about analysis of statically determinate structures. Determination of internal forces, internal

force diagrams. Analysis for moving loads: influence lines. Analysis of basic statically determinate systems: multi-span compound systems, three-hinged frames and arches, trusses. Principle of Virtual Work. Computation of deformations and displacements for statically determinate structures.
Prerequisite: CE210

CE302 Hydrology (3 credits) The purpose of this course is to emphasize the following topics: Introduction. Precipitation. Evaporation. Infiltration. Groundwater. Stream flow measurement and analysis of data. Surface flow. Hydrograph analysis. Application of probability theory and statistics in hydrology.
Prerequisite: CE301

CE304 Soil Mechanics II (3 credits) Shear strength of soil, laboratory determination of shear strength (direct shear and triaxial strength tests), in-situ determination of shear strength (borehole shear and vane shear tests), CD, CU, UU tests, lateral earth pressure: at-rest, active and passive pressures, Rankine's and Coulomb's Theories, lateral earth pressure: curved failure surface, bracing systems, slope stability, factor of safety, finite and infinite slopes, stability analysis by method of slices, steady state and rapid drawdown stability analysis, Introduction to soil bearing capacity, landfill liners and geosynthetics: geotextiles, geomembranes, geogrids and geonets, Planning subsurface soil explorations, boring and sampling methods, soil exploration report. *Prerequisite: CE303*

CE310 Theory of Structures II (3 credits) This course is designated to provide knowledge and application about analysis of statically indeterminate structures by force (energy) method under dead and live loads, temperature changes and support settlements. Computation of displacements by virtual work principle. Reduction theorem. Systems with elastic supports and connections. Analysis for moving loads, influence lines. Analysis of structures for most unfavourable loading conditions. Analysis of systems by displacement methods: slope-deflection and moment distribution method for the systems without joint translations. Slope-deflection equations for the frames with joint translations.
Prerequisite: CE309

CE306 Highway Engineering (3 credits) The purpose of this course is to determine the alignment of a highway and construct it accordingly. The topics covered in this class includes: Basic concept in highway engineering. Characteristics of driver-pedestrian-vehicles. General properties of highway traffic. Geometric standards and design traffic of highways. Highway capacity. Highway location and horizontal alignment. Vertical alignment and curves. Horizontal curves. Urban roads. Intersection control and design. Soil engineering for highway design. Drainage. *Prerequisite: CE305*

BUS220 Entrepreneurship (3 credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production, business ethics will also be examined. The original side of this course is business people' sharing their experience with students.

CE415 Reinforced Concrete I (3 credits) The purpose of this course is to emphasize the following topics: Properties of Concrete and Reinforcing steel. Stress-strain relation, composite action and bond, creep, shrinkage, material factors. Limit State Design Concept. Loads. Load Combinations, units. Reinforced concrete structures in general. Design philosophy. Members. Introduction to section analysis. Flexural design of beams. Flexural design of beams. The concept of balance reinforcement. Compression failure limits. Design for T beams. Analysis and design for shear in beams. Shear design

for deep beams. Design for Shear Friction. Limits in material specifications. Design of corbels. Serviceability in Reinforced concrete. Design with shrinkage and creep. Crack width calculation in beams. Deflection calculations in beams. *Prerequisite: CE310*

CE411 Graduation Project (2 credits) This course is designated to provide the student the procedure for design of an engineering structure and presentation.

CE404 Foundation Engineering (3 credits) Site exploration, types of shallow foundations and construction techniques, shallow foundation limit bearing capacity and settlement, shallow foundation design, types of piles and their installation, analysis and design of single piles, pile driving analysis and quality control of piling operations, pile groups and pile rafts, retaining structures. *Prerequisite: CE304*

CE416 Reinforced Concrete II (3 credits) The purpose of this course is to emphasize the following topics: Column Behavior. Design under axial load and flexure. Column Behavior. Design under axial load and flexure. Moment magnification for column design. Beams under combined action of shear, torsion and bending. Beams under combined action of shear, torsion and bending. Slabs and slab behaviour. Flat slabs, one way slabs and two way slabs. Punching shear design of flat slabs and mat foundations. Design of one way slabs. Design of two way slabs. Design of two way slabs and reinforcement layout. Flexural design of flat slabs and mat foundations. Design of composite slabs. Introduction to earthquake resistant design. *Prerequisite: CE415*

ELECTIVES

CE307 Construction Engineering and Management (3 credits) The purpose of this course is to emphasize the following topics: Construction industry overview and profile. Types of contracts and project delivery methods. Planning, scheduling, CPM and cost estimating. Construction risks and construction project management. Equipments and materials.

CE312 Computer Aided Structural Modelling and Analysis (3 credits) This course is designated to provide knowledge on computer aided structural modeling and an overall view for the analysis background. Definition of loads, load groups, and load combinations. Definition of frame, area and volume elements and their fields of use. Modeling of frame structures and analysis under vertical, seismic, temperature, creep and shrinkage loads. The effects will be discussed thoroughly. Modeling of buildings with shear walls and shear wall buildings such as tunnel form buildings. Modeling of foundation settlement and foundation rotation. Modeling of mat foundations. Modeling of slabs, and vibration control. Modeling under seismic forces, Equivalent Elastic Force Modeling under seismic forces, Natural Frequency of a building and the Spectral Analysis. *Prerequisite: CE310*

CE314 Railway Project (3 credits) The purpose of this course is to design a new railway line and determine operational conditions. The topics covered in this class includes: Railway traffic survey. Project standards. Horizontal alignment - route study. Horizontal alignment – railway plan. Horizontal alignment – superelevation and transition curves. Vertical alignment – railway profile. Train graphs. Economical analysis. *Prerequisite: CE305*

CE316 Fundamentals of Traffic Engineering (3 credits) The purpose of this course is to introduce the fundamentals of traffic engineering. The topics covered in this class includes: Basic parameters of traffic flow. Basic relationship of traffic flow. Data collection methods. Traffic flow models. Microscopic

flow models. Capacity and the level of service. Traffic signals. Road markings. Parkings. Intersections. Roundabouts. Traffic signal design.

CE321 Advanced Materials Technology (3 credits) The purpose of this course is to emphasize the following topics: **Phase transformations; microstructural and property changes in iron-carbon alloys. Applications and processing of metal alloys; types, fabrication and thermal processing of metals. Structures and properties of ceramics; imperfections, mechanical properties. Application and processing of ceramics, Polymer structures, thermoplastic and thermosetting polymers, Characteristics, applications and processing of polymers, Composites, fiber reinforced composites, structural composites, Corrosion and degradation of materials.** *Prerequisite: CE206*

CE323 Composite Materials (3 credits) The purpose of this course is to emphasize the following topics: **Composite material structure and processing, fibre reinforced composite, particulate reinforced composite, mechanical models of internal structure, mechanical properties, durability and degradation of materials, fibre orientation, mix optimization for fibre reinforced composites, failure modes, biaxial strength theories.** *Prerequisite: CE206*

CE403 Water Supply and Sewage Systems (3 credits) The purpose of this course is to emphasize the following topics: Importance of water supply and sewerage systems. Water resources. Stages of water from the source to the disposal of the waste water. Water demand. Methods of water diversion. Storage of water. Intake types. Typical problems encountered in supply lines. Computation of rainwater drainage systems. Computation of wastewater (sewerage) systems. Treatment and disposal of wastewater. *Prerequisite: CE301*

CE405 Steel Structures (3 credits) This course is designated to provide knowledge on historical development of steel structure, advantage and disadvantage of steel usage in structural design, application areas of steel products. Properties of structural steel and general information about steel design procedures. Reliability, loads and load combinations. Connections, connecting members, riveted, bolted, welded connections and related design principals. Tension member design, its splice and employment principles in structural system. Design principles for compression members including built-up compression members and batten plates, lacing members design. Design procedures for beam-columns. Design principals of roof truss, purlins and stability bracing systems. Design procedure for beams having rolled and built-up rolled cross sections, design rules for their splice, bi-axial bending, procedures for lateral buckling control. *Prerequisite: CE310*

CE407 Water Resources Engineering (3 credits) The purpose of this course is to emphasize the following topics: Introduction to water resources and equilibrium of river channels. Sediment transport. Dams. Reservoir. Diversion weirs and gates. Intake structures. Energy dissipators. Hydroelectric power. Irrigation. Drainage. Flood control. River regulation. Economic analysis in water resources. *Prerequisite: CE301*

CE417 Soil Mechanics – III (3 credits) This class includes advanced discussions of fundamental soil mechanics principles covered in CE303 and CE304. Following topics are considered in this class: two and three dimensional stress problems, advanced topics in permeability and seepage, consolidation and stress-strain behavior of soils. In addition fully coupled slope stability analysis and introduction to geosynthetics is covered. Finite element applications of stresses increase due to external loading, seepage and consolidation problems will also be utilized to solve the topics covered in this class. *Prerequisite: CE304*

CE419 Groundwater Hydraulics (3 credits) The purpose of this course is to emphasize the following topics: Darcy's Law; Hydraulic Conductivity: Classification, Anisotropic properties; Stochastic properties; General Flow Equation; Two-Dimensional Approximations: Unconfined aquifers, Confined Aquifers; Flow in the Unsaturated Zone; Steady-State Solutions: Unconfined Flow Between Two Reservoirs, Well in a Confined Aquifer, Well in an Unconfined Aquifer; Unsteady-State Solutions: Well in a Confined Aquifer, Well in an Unconfined Aquifer; Principle of Superposition; Method of Images; Saltwater Intrusion; Design of Well Fields; Design of Aquifer Pumping Tests. *Prerequisite:CE302*

CE421 Rock Blasting Technology For Construction (3 credits) The purpose of this course is to emphasize the following topics: Theory and application of explosives in the mining and construction industry; explosives, initiating systems, characteristics of explosive reactions and rock breakage, fundamentals of blast design, drilling and blasting, regulatory and safety considerations, environmental problems produced from ,blasting-vibration, air blast

CE422 In-situ Soil Testing (3 credits) Methods of in-situ soil exploration, planning the exploration program, soil boring, soil sampling, underwater sampling, standard penetration test (SPT), cone penetration test (CPT), Marchetti dilatometer (DMT), field vane shear testing (FVST), borehole shear test (BST), pressuremeter test (PMT), soil report *Prerequisite:CE303*

CE424 Water Power (3 credits) The purpose of this course is to emphasize the following topics: **Physical properties of hydraulic fluids, Energy and global warming, Renewable energy, Energy and power in hydraulic systems, Hydroelectric power plants and components, Water power for the future** *Prerequisite:CE301*

CE426 Risk Management in Construction (3 credits) The purpose of this course is to emphasize the following topics: Concept of risk and introduction to risk management. Identification, analysis and management of risk. Qualitative and quantitative methods of risk analysis. Monte Carlo simulation. Utilization of methods and tools in construction risk management.

CE428 Construction Project Management (3 credits) The purpose of this course is to emphasize the following topics: **Project concept, Project management knowledge areas, Project life cycle and organization, Project management in construction context.**

CE430 Irrigation and Drainage (3 credits) The purpose of this course is to emphasize the following topics: **Water and the environment, physical properties of soils and water, water resources in irrigation, flow of water in saturated and unsaturated soils, irrigation system components, design and evaluation of surface irrigation systems, steady and non-steady flow to drains, design of surface and subsurface drainage systems.** *Prerequisite:CE302*

CE432 Prestressed Concrete (3 credits) This course is designated to provide knowledge on procedures of design and construction methods for prestressed concrete structural members and systems. Calculation methods for varying prestressed members are introduced with respect to some specific national codes. General information about geometric design of prestressed concrete bridges and higerie buildings are given. Optimization, planning and economical aspects of prestressed concrete members are also introduced. *Prerequisite:CE415*

CE434 Earthquake Resistant Design and Performance Evaluation (3 credits) The purpose of this course is to emphasize the following topics: Introduction to earthquake resistant design of building

structures. Introduction to the current Earthquake Code of Turkey (Deprem Bölgelerinde Yapılacak Binalar Hakkında Yönetmelik – 2007). Definition of loads, and load combinations both for cast in place and precast structures. Spectral analysis and equivalent load analysis for a seismic design. Steps in design and analysis towards a seismic reinforced concrete design. Definition of ductility and its way of existence in reinforced concrete structures. Control points for a ductile design. Definition of irregularities in plan and elevation, and investigation of the analysis outputs to highlight the possible irregularities. Structures with mixed ductility levels in two orthogonal directions. Ductile design of beams, columns and shear walls according to high and medium ductility levels. *Prerequisite: CE415*

CE436 Open Channel Flow (3 credits) The purpose of this course is to emphasize the following topics: Types of Flow; State of Flow; Regimes of Flow; Kinds of Open Channel; Channel Geometry; Velocity Distribution in a Channel Section; Wide Open Channel; Measurement of Velocity; Velocity Distribution Coefficients; Pressure Distribution in a Channel Section; Effect of Slope on Pressure Distribution; Energy in Open-channel Flow; Specific Energy; Critical Flow; Momentum in Open-channel Flow; Specific Force; Uniform Flow; The Manning Formula; Determination of Manning's Roughness Coefficient; The Conveyance of a Channel Section; Composite Roughness; Normal Depth and Velocity; Computation of Flood Discharge; Nonerodible channels; The Minimum Permissible Velocity; Erodible channels; The Maximum Permissible Velocity; The Tractive Force; Gradually Varied Flow; Classification of Flow Profiles; The Direct Step Method; The Standard Step Method; Computation of Flow Profile in Nonprismatic Channels; Design of Channel Transitions. *Prerequisite: CE301*

CE438 Reinforced Concrete Project Design (3 credits) The purpose of this course is to emphasize the following topics: Introduction to Earthquake Resistant Design of reinforced concrete building structures. The Earthquake action and its effect on buildings. Introduction to earthquake codes, in particular to the Turkish Earthquake Code (TEC). Architectural systems and the load bearing (gravity and seismic) systems. Frame systems, wall and frame systems. Wall only systems. The clauses referring to the different systems in the TEC, and differences or similarities for the modelling and analysis. Calculation of earthquake load by considering the design aspects of the TEC. Definition of the importance factor, the contribution of the live load to the earthquake mass, spectral loads, center of gravity. Distribution of the earthquake load over the height of the building structure. Effect of irregularities on the calculation of earthquake loads. Amplification factors for certain irregularities. *Prerequisite: CE415*

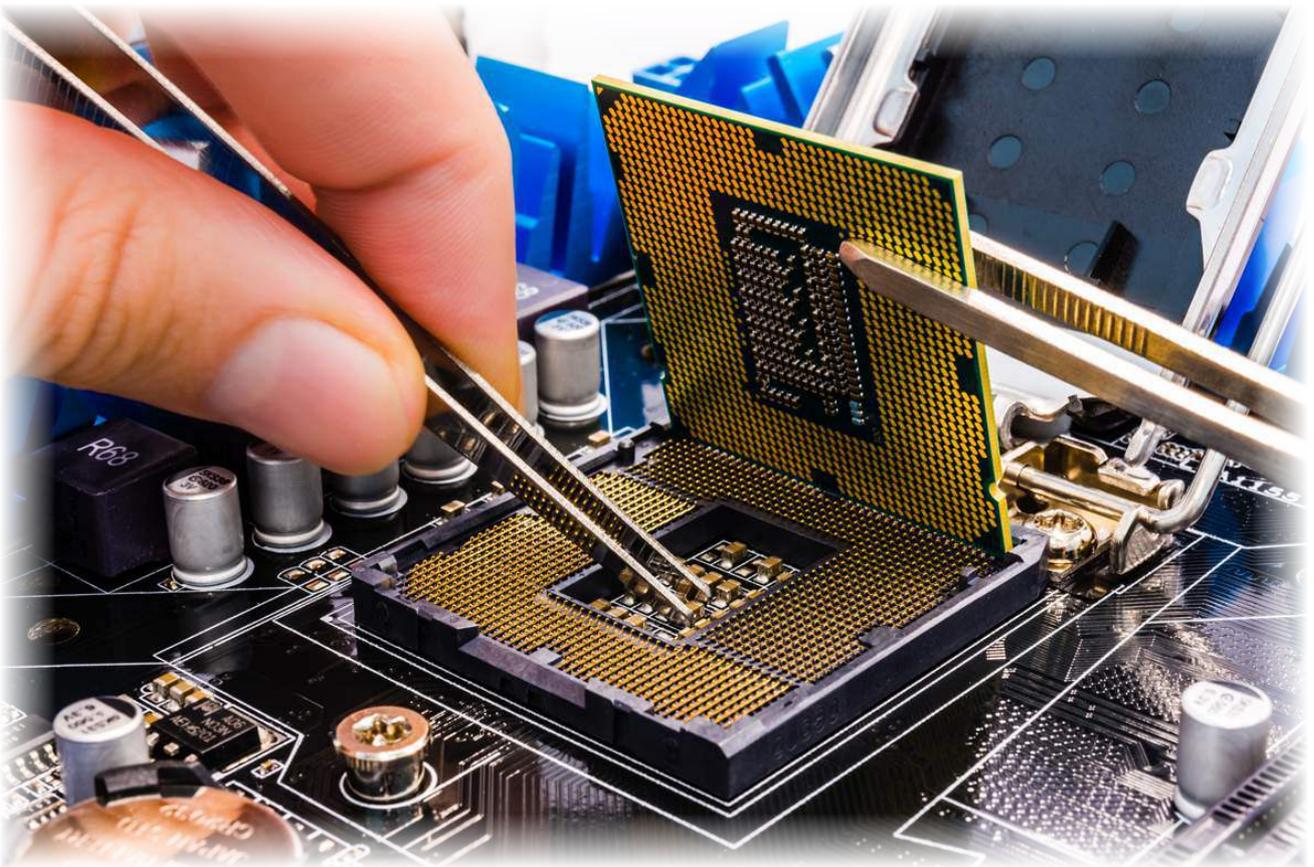
Computer Engineering (Turkish) (English)

About Program

Since the 2006-2007 academic year, the Okan University Computer Engineering Department has been located at the university's Tuzla Campus. Courses are held at the same campus, where students are given access to computer laboratories equipped with cutting-edge technology, and taught by an expanding faculty of first-rate academicians. Successful careers await the graduates of Okan University's Computer Engineering Department, so long as they have the determination and will to pursue them. Graduates will most certainly play an important role in meeting the needs of Information Systems both today and tomorrow.

Objectives

The Computer Engineering Programme aims to enable students to gain knowledge and skills so they can work both in developing applications and using effectively computer systems as well as in taking an innovative role in the research and development of new technologies. The total credits required for the satisfactory completion of the curriculum are 127 credits. The program additionally requires two internships each enduring 20 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CENG101	Introduction of Algorithm and Programming	Yes	Yes	2 + 2	3
CENG103	Introduction of Computer Engineering	Yes	Yes	3 + 0	3
MATH113	Mathematics I	Yes	Yes	3 + 2	4
PHYS111	Physics-I	Yes	Yes	2 + 2	3
[+] 1. Semester Elective Course List					
	Foreign Language Elective	No	Yes	2 + 2	3
Total :					16

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CENG106	Object Oriented Programming I	Yes	Yes	2 + 2	3
CENG108	Discrete Structures	Yes	Yes	3 + 0	3
PHYS112	Physics-II	Yes	Yes	2 + 2	3
MATH114	Mathematics II	Yes	Yes	3 + 2	4
CLP001	Career And Life Planning	Yes	Yes	0 + 2	1
[+] 2. Semester Elective Course List					
	Foreign Language Elective	No	Yes	2 + 2	3
	Yabancı Uyruklu Öğrenciler İçin Türkçe Dersi	No	Yes	3 + 0	3
Total :					17

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH265	Probability & Statistics	Yes	Yes	3 + 0	3
MATH215	Mathematics III	Yes	Yes	2 + 2	3
CENG213	Object Oriented Programming II	Yes	Yes	2 + 2	3
CENG203	Data Structures	Yes	Yes	3 + 0	3
CENG209	Digital Electronics Ciruits	Yes	Yes	2 + 2	3

[+] 3. Semester Elective Course List

	Foreign Language Elective	No	Yes	2 + 2	3
Total :					18

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH216	Mathematics IV	Yes	Yes	2 + 2	3
CENG210	Digital Circuit Desing	Yes	Yes	2 + 2	3
CENG218	Programming Languages And Applications	Yes	Yes	2 + 2	3
CENG214	Operating Systems	Yes	Yes	3 + 0	3
CENG216	Computer Networks I	Yes	Yes	3 + 0	3

[+] 4. Semester Elective Course List

	Foreign Language Elective	No	Yes	2 + 2	3
Total :					18

*C: Compulsory
 **A: Average
 *** L + P: Lecture + Practice

5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CENG307	Computer Networks II	Yes	Yes	3 + 0	3
CENG311	Computer Architecture	Yes	Yes	3 + 0	3

[+] 5. Semester Elective Course List

CENG373	Algorithm Analysis	No	Yes	3 + 0	3
CENG389	Operating Systems Applications	No	Yes	3 + 0	3
CENG377	Numerical Analysis	No	Yes	3 + 0	3
CENG391	Database Management Systems	No	Yes	3 + 0	3
Total:					15

6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CENG312	Microprocessors	Yes	Yes	2 + 2	3

[+] 6. Semester Elective Course List

	University Elective	No	Yes	3 + 0	3
CENG376	Image Processing	No	Yes	3 + 0	3
CENG382	Computer Graphics	No	Yes	3 + 0	3
CENG384	Software Engineering	No	Yes	3 + 0	3
CENG396	Artificial Intelligence	No	Yes	3 + 0	3
CENG394	Data Mining	No	Yes	3 + 0	3
Total:					15

7. SEMESTER COURSE PLAN⁶¹

Code	Course Title	*C	**A	***L+P Hours	Credits
BUS220	Entrepreneuership	Yes	Yes	2 + 2	3
TRD111	Turkish I	Yes	Yes	2 + 0	2
ATA111	History Of Turkish Revolution I	Yes	Yes	2 + 0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 7. Semester Elective Course List

CENG485	Business Process Management	No	Yes	3 + 0	3
CENG489	Pattern Recognition	No	Yes	3 + 0	3
CENG487	Advanced Computational Methods	No	Yes	3 + 0	3
CENG479	Software Quality Standards	No	Yes	3 + 0	3
CENG491	Computer Security	No	Yes	3 + 0	3
Total:					13

8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CENG412	Graduation Project	Yes	Yes	0 + 4	2
TRD112	Turkish II	Yes	Yes	2 + 0	2
ATA112	History of Turkish Revolution II	Yes	Yes	2 + 0	2

[+] 8. Semester Elective Course List

	University Elective	No	Yes	3 + 0	3
CENG474	Engineering And Informatics Ethics	No	Yes	3 + 0	3
CENG488	Advanced Topics In Computer Engineering	No	Yes	3 + 0	3
CENG478	Medical Informatics	No	Yes	3 + 0	3
Total:					15
Grand Total					127

*C: Compulsory
 **A: Average
 *** L + P: Lecture + Practice

Course Descriptions

PHYS113 Physics-I (3 credits) (*See General Education*)

MATH113 (4 credits) (*See General Education*)

CENG103 Introduction to Computer Engineering (3 credits) This course is designated to provide the necessary knowledge in basics of computer science and engineering

CENG101 Introduction to Algorithms and Programming (3 credits) The purpose of the introduction to algorithms and programming course is to educate students about the main concepts algorithms and programming, and basic rules a structural programming language and to be enable developing simple programs.

PHYS114 Physics-II (3 credits) (*See General Education*)

MATH114 Mathematics II (4 credits) (*See General Education*)

CENG106 Object Oriented Programming-I (3 credits) This course aims to introduce to students the principles of object oriented programming and the basic of the Java programming language.
Prerequisite: CENG101

CENG108 Discrete Structures (3 credits) This course is designated to provide the necessary knowledge in discrete mathematics.

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

MATH265 Probability & Statistics I (3 credits) (*See General Education*)

MATH215 Mathematics III (3 credits) (*See General Education*)

CENG203 Data Structures (3 credits) This course aims to introduce the students to the fundamental data structures.
Prerequisite: CENG106

CENG209 Digital Electronics Circuits (3 credits) The purpose of this course is to study on semiconductor materials, design and the usage of the electronics circuits elements such as diode , transistor and op-amps.

CENG213 Object Oriented Programming II (3 credits) Object Oriented Programming II is designed to provide intermediate and advanced topics in object oriented principles through Java language. This topic includes a closer look at methods and objects, inheritance, packages interfaces, exception

handling, multithreaded programming, advanced library features and graphical user interface functionality. *Prerequisite: CENG106*

MATH216 Mathematics IV (3 credits) (*See General Education*)

CENG210 Digital Circuit Design (3 credits) The purpose of this course is to study on theories and practices of logical circuits. Students will study Boolean algebra, combinational logic circuits, sequential logic circuits, memory, registers, finite state machines, flip flops, counters. *Prerequisite: CENG209*

CENG218 Programming Languages and Applications (3 credits) This course aims to introduce students to the principles of programming languages. *Prerequisite: CENG106*

CENG216 Computer Networks I (3 credits) The purpose of this course is to study on computer Networks. History of computer networks, network topologies, fundamentals of data communication, types of data forwarding (broadcast, unicast, multicast), data communications environments, data communication protocols classification, the concept of stratification of the protocol and the protocols, "Open System Interconnection," Computer Reference Model for networks, switching methods in computer networks, Internet concepts, architecture and the Internet Protocol. "Transmission Control Protocol", "Internet Control Message Protocol", "Domain Naming System" File Transfer Protocol.

CENG214 Operating Systems (3 credits) The purpose of this course is to explain the importance of the operating system in term of computer system, basic functions and their functions.

CENG307 Computer Networks-II (3 credits) The purpose of this course is to study on Computer Network Standards, wireless and mobile networks, multimedia networking, protocols for real time interactive applications, security in computer networks, network management.

CENG311 Computer Architecture (3 credits) Computer Organization and development. The basic structure of the computer. The character of the instruction set structure, addressing modes and formats. Central processing units and functions, computer arithmetic. Control format operation. A study with internal, external memory. Input Output units. *Prerequisite: CENG210*

CENG312 Microprocessors (3 credits) Give information and ability of microprocessors. Programming in assembly for 16 bits microprocessors. *Prerequisite: CENG311*

TRD111 Turkish Language I (2 credits) (*See General Education*)

ATA111 History of Turkish Revolution I (2 credits) (*See General Education*)

BUS220 Entrepreneurship (3 credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production, business ethics will

also be examined. The original side of this course is business people' sharing their experience with students.

CENG412 Graduation Project (2 credits) Theoretical and discipline for a particular group within the framework of the project the information learned in practical courses. Who learned to design and build an infrastructure that will continue to grasp lifelong learning.

TRD112 Turkish Language II (2 credits) (*See General Education*)

ATA112 History of Turkish Revolution II (2 credits) (*See General Education*)

ELECTIVES

CENG391 Database Management Systems (3 credits) The purpose of the database management systems course is to educate students about the main concepts of database management systems and SQL language and as well as introduce to develop database by using relational database system.

CENG373 Algorithm Analysis (3 credits) The goal of this course is to provide the necessary knowledge and skills to analyze and design algorithms.

CENG377 Numerical Analysis (3 credits) This course is designated to provide the necessary knowledge and skills in analysis of numerical methods

CENG389 Operating Systems Applications (3 credits) This course aims to educate students on how to develop effective programs that interact closely with the operating system.

CENG376 Image Processing (3 credits) This course aims to introduce students to the basics of digital image processing.

CENG396 Artificial Intelligence (3 credits) The purpose of the artificial intelligence course is to educate students about the ability to problem solving with artificial intelligence algorithms. The content of course: Introduction, agents and search, informed and local search, constraint satisfaction problems and game playing, knowledge representation and expert systems, machine learning and decision trees, clustering, uncertainty and probability, genetic algorithm, artificial neural networks.

CENG382 Computer Graphics (3 credits) The aim of the basics of computer graphics, to learn and apply mathematical and algorithmic methods.

CENG394 Data Mining (3 credits) The purpose of the course is to educate students about the main concepts and methods of data mining. The course contains these topics: classification, clustering, association algorithms and data mining studies in different areas.

CENG384 Software Engineering (3 credits) Software engineering is the study and an application of engineering to the design, development, and maintenance of software. This course will cover the

systematic application of scientific and technological knowledge, methods, and experience to the design, implementation, testing, and documentation of software. Team work is emphasized as well.

CENG479 Software Quality Standards (3 credits) This course introduces concepts, metrics, and models in software quality assurance. The course covers components of software quality assurance systems before, during, and after software development. It presents a framework for software quality assurance and discuss individual components in the framework such as planning, reviews, testing, configuration management, and so on. It also discusses metrics and models for software quality as a product, in process, and in maintenance. The course will include case studies and hands on experiences. Students will develop an understanding of software quality and approaches to assure software quality.

CENG485 Business Process Management (3 credits) The purpose of the business flow management course is to educate students about the main concepts and methods of business flow management. The course contains these topics: business concept and management, business formalization and algorithm development with step by step analyzing, creation of work flow diagram and implementation of models by using programming languages. Using XPAGE technology, recognizing of Internet programming languages and practically developing of enterprise workflow applications by using these facilities will be provided.

CENG487 Advanced Computational Methods (3 credits) Numerical solutions of equations and numerical analysis methods.

CENG489 Pattern Recognition (3 credits) This course aims to introduce students to the principles and basic tools of pattern recognition.

CENG491 Computer Security (3 credits) Information security approach. Information on the concept and organization to create information security policies and security management. Basic concepts of information security: confidentiality, data integrity, availability of information; basic principles of analysis in terms of security of information systems; analysis concepts; Basic features of information systems, semiotics model security policy principles; risks and backup policies; risk analysis and risk management; The structure of responsibilities and management of security policies; The role of encryption in a secure system; secure payment systems (SET); digital certificates; independent security institutions; Examination of existing products and situation analysis related to information security.

CENG474 Engineering and Informatics Ethics (3 credits) This course provides an introduction to those problems of philosophy that are problems of moral philosophy, or ethics. We will begin by examining certain problems that arise when we try to make moral judgments. The course also aims to make students responsible to their stakeholders, customers and society. Students will examine the IT ethics. How should they behave in IT ethics related cases. They will be capable of defending their opinion with ethics rules and standards. To make them aware of their rights as IT worker. This course defines copyright, privacy and data protection issues and legal regulations.

CENG488 Advanced Topics in Computer Engineering (3 credits) Project development in advanced topics in computer engineering.

CENG478 Medical Informatics (3 credits) The purpose of medical informatics course is to educate students about information systems in the field of medicine. The course contains these topics: The data in

the field of medicine, electronic medical records, standards, health and hospital information systems, telemedicine, health information sources, biomedical data mining, decision support systems.

Electrical and Electronics Engineering

About Program

The Department of Electrical and Electronics Engineering, which was established in the 2006-2007 academic year at our university's Tuzla Campus, continues to provide high quality education under the guidance of both young, dynamic scholars as well as experienced academicians.

Students of our department benefit from courses related to electronics, computers and communication, the three basic building blocks of technology. Our educational model not only includes theoretical knowledge but gives students the opportunity to practice what they learn and to analyze the results as well. The latter is made possible by providing students with access to our university's laboratories, which are fully equipped with state-of-the-art technology.

The Electrical and Electronics Engineering Department started out with four computer laboratories as well as a fully equipped Circuits and Systems laboratory for students' use. As a means to our aim of achieving the highest level of education possible, in 2008 we added to these labs Microprocessors, Digital Logic Circuits, and Image and Signal Processing labs, thus enriching the quality of education and opportunities made available to our students.

Objectives

The Electrical and Electronics Engineering BSc program aims to enable its students to solve industrial and academic problems in the fields of electrical, electronic, communications and control engineering, produce realizable, efficient and sustainable engineering designs and invest in life long learning to keep up to date with their field and to further their career.

The total credits required for the satisfactory completion of the curriculum are 131 credits. The program additionally requires two internships each enduring 20 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH113	Mathematics I	Yes	Yes	3 + 2	4
PHYS113	Physics-I	Yes	Yes	2 + 2	3
EEE101	Introduction to EE Engineering	Yes	Yes	2 + 0	2
CHM101	Chemistry	Yes	Yes	3 + 0	3
BUS220	Entrepreneurship	Yes	Yes	2 + 2	3

[+] 1. Semester Elective Course List

	Foreign Language Elective	No	Yes	0 + 0	3
Total :					18

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH114	Mathematics II	Yes	Yes	3 + 2	4
PHYS114	Physics-II	Yes	Yes	2 + 2	3
EEE104	Logic Circuit Design	Yes	Yes	2 + 2	3
CLP001	Career And Life Planning	Yes	Yes	0 + 2	1

[+] 2. Semester Elective Course List

	University Elective	No	Yes	3 + 0	3
	Foreign Language Elective	No	Yes	2 + 2	3
Total :					17

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH215	Mathematics III	Yes	Yes	2 + 2	3
EEE201	Circuit Analysis	Yes	Yes	3 + 0	3
CMPE152	Computer Programming	Yes	Yes	2 + 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

ME201	Computer Aided Technical Drawing	Yes	Yes	2 + 2	3
MATH265	Probability & Statistics I	Yes	Yes	3 + 0	3
EEE205	Numerical Methods in Electrical Engineering	Yes	Yes	2 + 2	3
Total :					18

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH216	Mathematics IV	Yes	Yes	2 + 2	3
EEE212	Electronic Circuits I	Yes	Yes	3 + 2	4
EEE218	Signals And Systems	Yes	Yes	3 + 0	3
EEE208	Electromagnetic Theory	Yes	Yes	2 + 2	3
EEE210	Circuits and Systems	Yes	Yes	2 + 2	3
Total :					16

5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EEE301	Electromechanical Energy Conversion	Yes	Yes	3 + 2	4
EEE303	Control Systems	Yes	Yes	3 + 0	3
EEE305	Electronic Circuits II	Yes	Yes	3 + 2	4
EEE307	Analog Communication	Yes	Yes	3 + 0	3
EEE311	Digital Signal Processing	Yes	Yes	2 + 2	3
Total :					17

6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EEE312	Power Electronics & Motion Control Systems	Yes	Yes	3 + 2	4
EEE304	Digital Design	Yes	Yes	2 + 2	3
EEE306	Digital Communication	Yes	Yes	3 + 2	4
EEE308	Fundamentals of Power Systems	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

EEE310	Microcontrollers	Yes	Yes	2 + 2	3
Total :					17

7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EEE405	Engineering Design	Yes	Yes	0 + 2	1
EEE407	Science, Technology and Ethics	Yes	Yes	2 + 0	2
ATA111	History of Turkish Revolution I	Yes	Yes	2 + 0	2
TRD111	Turkish I	Yes	Yes	2 + 0	2

[+] 7. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
EEE459	Very Large Scale Integrated Circuits	No	Yes	2 + 2	3
EEE461	Analog Integrated Circuits	No	Yes	3 + 0	3
EEE453	Electric Drives	No	Yes	3 + 0	3
EEE471	Illumination and Indoor Wiring	No	Yes	3 + 0	3
EEE465	Antenna & Propagation	No	Yes	3 + 0	3
Total :					13

8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EEE412	Graduation Project	Yes	Yes	0 + 4	2
ATA112	History of Turkish Revolution II	Yes	Yes	2 + 0	2
TRD112	Turkish II	Yes	Yes	2 + 0	2

[+] 8. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	University Elective	No	Yes	2 + 2	3
EEE462	Analog to Digital and Digital to Analog Converters	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

EEE464	RF Electronic Circuits	No	Yes	3 + 0	3
EEE454	High Voltage Techniques	No	Yes	3 + 0	3
EEE458	Electrical Distribution Systems	No	Yes	3 + 0	3
EEE452	Digital Filters and Systems	No	Yes	3 + 0	3
EEE466	Introduction to EMC Engineering	No	Yes	3 + 0	3
EEE468	Wireless Networks	No	Yes	3 + 0	3
Total :					15
Grand Total					131

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Course Descriptions

MATH113 Mathematics I (4 credits) (*See General Education*)

PHYS113 Physics-I (3 credits) (*See General Education*)

EEE101 Introduction to EE Engineering (2 credits) The purpose of this course is to introduce to Engineering at Okan University, Effective Learning, Engineering Method, Problem solving techniques, brainstorming, Technical Writing, Team Work, Presentation Techniques, and Engineering Ethics.

CHM101 Chemistry (3 credits) (*See General Education*)

BUS220 Entrepreneurship (3 credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production, business ethics will also be examined. The original side of this course is business people' sharing their experience with students.

MATH114 Mathematics II (4 credits) (*See General Education*)

PHYS114 Physics-II (3 credits) (*See General Education*)

EEE104 Logic Circuit Design (3 credits) The purpose of this course is to introduce following topics: Number systems and coding. Partial ordered sets, lattice structures, Boolean algebra. Combinational logic circuit elements. Boolean functions: Canonical expressions and reduction of Boolean functions, Quine McCluskey and Karnough Methods. Some practical combinational circuits: adders, encoders, multiplexers, ROM and programmable logical arrays. Sequential logic circuits: state table and state diagram. Flip-flops. Analysis of logic sequential logic circuits. Design of synchronous sequential logic circuits. Integrated sequential circuit components: registers, memories, counters.

MATH215 Mathematics III (3 credits) (*See General Education*)

EEE201 Circuit Analysis (3 credits) The purpose of this course is to introduce following topics: Physical electrical circuits. Modeling and measurements of currents and voltages in physical circuits. Definitions of charge, flux, power and energy and modeling their waveforms. Kirchoff's Laws: current and voltage equations. Independent sets of current and voltage equations. Ideal 2-terminal and multi-terminal circuit elements: linear and nonlinear resistors, inductors and capacitors. Modeling of physical elements. Small signal analysis. Solution of resistive circuits: node voltage and mesh current methods. Network theorems. Solution of dynamic circuits: responses of first and second order dynamic circuits. *Prerequisite: MATH113*

CMPE152 Computer Programming (3 credits) (*See General Education*)

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

ME201 Computer Aided Technical Drawing (3 credits) Technical Drawing with AutoCAD concept, perspective projections and types, orthographic projection, isometric drawing, oblique drawing, sectioning of the objects, dimensioning, and solid drawing,

MATH265 Probability & Statistics I (3 credits) The purpose of this course is to introduce following topics: Combinatorial methods; product rule, permutation, combination. Probability; sigma algebra, probability axioms, conditional probability, Bayes formula. Random variable; distribution function, probability function, Chebyshev inequality. Discrete and continuous distributions; uniform, Bernoulli, Poisson, geometric, hypergeometric, normal, exponential, gamma and beta distributions. Generating functions. Decision theory. The notion of estimation. Hypothesis testing. Non-parametric testing. Correlation and regression.

EEE205 Numerical Methods in Electrical Engineering (3 credits) The purpose of this course is to study the numerical methods used in engineering using floating point arithmetic, computational linear algebra, iterative solution to nonlinear equations, interpolation, numerical integration, numerical solution of ODEs, computer subroutine packages (including Matlab). *Prerequisite: MATH113*

MATH216 Mathematics IV (3 credits) (*See General Education*)

EEE212 Electronic Circuits I (4 credits) The purpose of this course is to introduce following topics: Basic semiconductor concepts, structure of the pn junction diode. Analysis of diode circuits. Applications. Zener diode. Operation of bipolar junction transistors (BJT). Biasing. Small signal models. Basic BJT amplifier circuits. Construction and characteristics of field effect transistors (FET). MOSFETs. Small signal analysis. Amplification. *Prerequisite: EEE201*

EEE218 Signals and Systems (3 credits) The purpose of this course is to introduce following topics: Basic concepts and properties of linear time-invariant systems, Convolution, Fourier analysis for continuous time and discrete time signals and systems, sampling, Laplace transform, z-transform, MATLAB implementation examples. *Prerequisite: MATH113*

EEE208 Electromagnetic Theory (3 credits) The purpose of this course is to introduce following topics: Basic axioms, electric charge, Coulomb's Law, electrostatic field in free space, electrostatic energy, surface charges and Dirac distribution, dipoles, electrostatic field in a material medium. Constitutive equations and boundary conditions, Lorentz Force and magneto static field in free space, Biot-Savart's Law, Ampere's low, magneto static field in a material medium, magnetic energy, magnetic dipoles and permanent magnets, Maxwell's equations and electromagnetic fields, Faraday's induction, self and mutual inductance, electromagnetic energy, potential functions, special theory of relativity. *Prerequisite: MATH114, PHYS114*

EEE210 Circuits and Systems (3 credits) The purpose of this course is to introduce following topics: State equations of higher-order circuits and their solutions in t and s domain. State transition matrix. Zero state, zero input and complete responses. Stability an Routh criteria. Sinusoidal steady state,

phasors, phasor network equations, power and energy, three phase systems, Network and system equations in s domain, Bode diagrams, block diagrams and signal flow graphs. *Prerequisite: EEE201*

EEE301 Electromechanical Energy Conversion (4 credits) The purpose of this course is to give theoretical and practical fundamentals about electromechanical energy conversion which is the base of all electric machineries. The emphasis is on rotating machines, although static concepts such as magnetic circuits and transformers are also covered. An introduction to electro-mechanical energy conversion, magnetic circuits, 3-phase circuits, single phase, three phase and auto transformers, DC motors and generators including separately excited and shunt motors, three phase induction and synchronous machines are taught in the class. Students have also opportunity to perform laboratory experiments as a team in the lab. *Prerequisite: EEE201*

EEE303 Control Systems (3 credits) The purpose of this course is to introduce following topics: Introduction to control systems/ Mathematical concept of the control systems/ Transfer Function and State Space methods/ Mathematical modeling of the dynamic systems/ Transient and steady state response analyses/ Effects of Proportional, Integral and Derivative controllers/ Control system design by the Root Locus Method/ Frequency response analysis and control system design in frequency domain/ Controller design with PID/ State space and design of whole control system.

EEE305 Electronic Circuits II (4 credits) The purpose of this course is to introduce following topics: Multistage amplifiers. Frequency response of amplifiers. Bode plots. Differential pair stages. Operational amplifier circuits and applications. Feedback in amplifiers. Stability. Power amplifiers. Sinusoidal oscillators. *Prerequisite: EEE212*

EEE307 Analog Communication (3 credits) The purpose of this course is to introduce the fundamental principles of analog communication to the student so that they may analyze and design analog communication systems. The course covers the Fourier transform, amplitude modulation, frequency and phase modulation, frequency division multiplexing, the effect of noise on analog communication systems. *Prerequisite: EEE218*

EEE311 Digital Signal Processing (3 credits) The purpose of this course is to introduce following topics: Time-domain analysis of discrete signals and systems, frequency-domain signal analysis: DTFT, z-transform, DFT, FFT, FIR and IIR digital filters, digital filter theory, design and implementation. *Prerequisite: EEE218*

EEE312 Power Electronics & Motion Control Systems (4 credits) The purpose of this course is to introduce semiconductor switches, converters and applications. Single and multi phase uncontrolled and controlled rectifiers, evaluation of their input and output parameters (Harmonics, PF, HF, DF, DisF, RF, FF,CF). Modeling, analysis and design of DC/DC conversion techniques (buck, boost, buck-boost, flyback, forward, pushpull, full bridge), Switched mode power supplies. Power electronics in motion control systems; ac and brushless dc drives, power electronics in electric power systems; dc to dc power transmission, flexible ac transmission, renewable energy production and smart grids. *Prerequisite: EEE212*

EEE304 Digital Design (3 credits) This purpose of this course is to introduce designing digital circuits using hardware description languages (VHDL and Verilog). Emphasis will be on the basic concepts and elements of VHDL and Verilog. Students have the opportunity to use commercial synthesis and simulation tools to design a series of increasingly complex digital circuits. In Labs, students use a logic

synthesis tool and implement their assignments into Field Programmable Gate Arrays. *Prerequisite: EEE104*

EEE306 Digital Communication (4 credits) The purpose of this course is to introduce the fundamental principles of analog communication to the student so that they may analyze and design analog communication systems. The course covers the Fourier transform, amplitude modulation, frequency and phase modulation, frequency division multiplexing, the effect of noise on analog communication systems. *Prerequisite: EEE307*

EEE308 Fundamentals of Power Systems (3 credits) The purpose of this course is to give theoretical and practical fundamentals about electric power system analysis. This course will describe the per unit system, Transmission Lines (Resistance, inductance and inductive reactance, capacitance and capacitive reactance for single and three-phase circuits), Transmission Line Models (The short transmission line, the medium-length line, the long transmission line), Power Flow Solutions (Introduction, scope of power system analysis, one-line diagrams, power system modeling, Power flow analysis, power flow concept, node-voltage equations, classification of buses, the gauss-seidel method) and Power System Faults (Fault analysis, single line-to-ground fault (SLG), line-to-line fault (L-L), double line-to-ground fault (2LG), balanced three-phase fault, three-phase fault analysis, symmetrical components, unsymmetrical fault analysis). Students will also conduct computer simulations on electric power systems using PowerWorld Simulator. *Prerequisite: EEE210*

EEE310 Microcontrollers (3 credits) The purpose of this course is to provide sufficient detailed knowledge of a PIC microcontroller so that students can program the PIC microcontroller and demonstrate its functions using the PIC microcontroller experimental kit in the laboratory. *Prerequisite: CMPE152*

EEE405 Engineering Design (1 credits) The purpose of this course is to design of integrated multidisciplinary systems. Project selection and definition of functions and performance objectives for the open-ended design problem will take place early on by teams of students, while learning practical subjects of engineering in lectures and workshops. This process will lead to the preparation of project proposals consisting of identification of design objectives and constraints, generation and evaluation of potential approaches, selection of the most promising design concept, identification of product subsystems, and assignment of responsibilities to team members. Following project approval, the design process will comprise preliminary design, followed by detailed design, prototype construction and testing, and preparation of a final design report. Progress is evaluated biweekly, culminating in a prototype demonstration and design review. *Prerequisite: EEE101*

EEE407 Science, Technology and Ethics (2 credits) The purpose of this course is to introduce following topics: First to review the importance of logic and language in a society; then to discuss keywords, such as science and technology, research and development, scientific method, scientific process, scientific model, scientific prediction, etc.; public understanding of science, scientific progress; doing research in engineering, in medicine, epidemiology, statistical data evaluation, science - technology relations, case problems and public discussions, earthquakes and public discussion, pollution and public concern, definitions of morality and ethics, ethics in science, risk assessment and precautionary principle, etc. *Prerequisite: EEE101*

ATA111 History of Turkish Revolution I (2 credits) (*See General Education*)

TRD111 Turkish Language I (2 credits)(*See General Education*)

EEE412 Graduation Project (2 credits) This course is designated to provide the student the procedure for design of an engineering structure and presentation. *Prerequisite: EEE405*

ATA112 History of Turkish Revaluation II (2 credits) (*See General Education*)

TRD112 Turkish Language II (2 credits) (*See General Education*)

ELECTIVES

EEE459 Very Large Scale Integrated Circuits (3 credits) The purpose of this course is to introduce following topics: Integrated Circuit Fabrication, and MOS transistor theory and digital design techniques with emphasis on CMOS Logic circuit design. Standard cell design methodology is also covered. Students have opportunity to implement techniques learnt at class in the lab using CAD tools. *Prerequisite: EEE304*

EEE461 Analog Integrated Circuits (3 credits) The purpose of this course is to introduce analysis and design of analog integrated circuits such as current mirrors, differential pair, voltage and current references, bandgap voltage references, operational amplifiers, switched-capacitor circuits in CMOS technology. *Prerequisite: EEE305*

EEE453 Electric Drives (3 credits) The purpose of this course is to give theoretical and practical fundamentals about electric machines and drives. This course will describe the structure of Electric Drive Systems and their role in various applications such as flexible production systems, energy conservation, renewable energy, transportation, and etc. This course will cover the basic principles of power electronics in drives using switch-mode converters and pulse width modulation to synthesize the voltages in dc and ac motor drives, the operation of dc motor drives to satisfy four-quadrant operation to meet mechanical load requirements, design torque, speed and position controller of motor drives, space vectors and vector control of AC motor drives. *Prerequisite: EEE301*

EEE471 Illumination and Indoor Wiring (3 credits) The purpose of this course is to introduce following topics: Introduction to illumination systems / The Spectrum, The Light / Illumination Laws / Illumination Design and Applications / Indoor wiring / Circuits and Circuit Elements, Voltage drops / One Phase Systems / Three Phase Systems / Power System Calculations / Reactive Power calculations and Economy / Lighting Systems Design according to regulations / Lighting Project Evaluation *Prerequisite: EEE201*

EEE465 Antenna & Propagation (3 credits) The purpose of this course is to introduce following topics: Wave-guides and cavities, radiation and antennas, antenna parameters, dipoles and loop antennas, traveling wave antennas, aperture and patch antennas, linear and planar antenna arrays, basic propagation modes, free-space propagation, ground wave propagation, sky wave propagation, space (terrestrial) wave propagation; introduction to propagation models in mobile radio systems *Prerequisite: EEE208*

EEE462 Analog-to-Digital and Digital-to-Analog Converters (3 credits) The purpose of this course is to introduce following topics: Nyquist-rate resistor, capacitor and current source based Digital-to-Analog Converter topologies. Analog-to-Digital Converter topologies, Flash, Sub-ranging and two-step,

folding and interpolation, time-interleaved, successive approximation, pipeline. Oversampling and Delta-Sigma converters. *Prerequisite: EEE305*

EEE464 RF Electronic Circuits (3 credits) The purpose of this course is to introduce following topics: RF circuits, such as low-noise amplifiers, mixers, power amplifiers, oscillators. Analysis and design of RF circuits and matching networks using Smith Chart, Transmission lines such as Microstrip lines. *Prerequisite: EEE208*

EEE454 High Voltage Techniques (3 credits) The purpose of this course is to introduce following topics: Current-voltage relationship in gases. Electron emission. Ionization and deionization. Townsend and Streamer breakdown mechanisms. Breakdown mechanisms in Electronegative gases. Lightning discharges. Corona discharges and corona loss. Breakdown mechanisms in Liquid and Solid dielectrics. Generation and measurement of A.C, D.C and Impulse voltages. *Prerequisite: EEE208*

EEE458 Electrical Distribution Systems (3 credits) The purpose of this course is to introduce following topics: Properties of electrical energy and energy distribution systems. Line constants and calculation methods. Effect of abnormal voltages on apparatus and machines. Fundamentals of line conductor cross-section determinations. Lines loaded from a point. Energy distribution networks. Lines loaded with point loads and their cross-section calculations. Distributed loads and power densities. Cross-section calculations on compact and distributed load lines. Determination of transformation locations, and calculations of powers. Towers, calculation of side-wing forces and determination of tower types. Preparation fundamentals of low voltage energy distribution network projects. *Prerequisite: EEE308*

EEE452 Digital Filters and Systems (3 credits) The purpose of this course is to introduce following topics: Overview of digital filters. Optimal filters, linear-phase filters. Digital filter structures, stability tests. FFT and fast convolutions. Cascade lattice structures, state-space representations, Finite-precision numerical effects, round off noise and its minimization. Multi-signal processing, multirate digital filters and data interpolation, efficient multi-phase structures. Nyquist filtering, filter blocks, subband coders. Wavelet transforms. Optimum quantization, bit nesting, optimal subband coders, transform coders for data compression. Discrete-time Karhunen-Loeve transforms. Discrete cosine transform (DCT). Applications of digital filters in communication systems. *Prerequisite: EEE311*

EEE466 Introduction to EMC Engineering (3 credits) The purpose of this course is about fundamentals of electromagnetic compatibility. Engineering systems, Fundamentals of Electromagnetic compatibility (EMC), Electric and magnetic dipoles, Electromagnetic Interference (EMI), Bio-Electromagnetics (BEM), EMC in Industrial Engineering, EMC in Computer Engineering, EMC in Automotive Industry, EMC in Medical Industry, EMC in Defense Industry, Electromagnetic spectrum, EMC and Noise, EMC and Coupling, Power distribution systems and EMC, Power quality, EMC in Communication and Control Systems, EMC in Telemetry systems, Fiber Optic Cabling and EMC, EMC and Internet, Electronic Conspiracy and EMC, EMC Standards, EMC-EMI Tests and Measurements, Test and Measurement Environments, Open-space, Screened Rooms, Unechoic Chambers, Emission and Susceptibility measurements, EMC and Protection, Grounding, Filtering, Screening, Shielding Effectiveness, EMC and system Design, EMC and Computer Simulations, CE Mark, EMC and Authorized Institutions. *Prerequisite: EEE208*

EEE468 Wireless Networks (3 credits) The purpose of this course is to introduce following topics: Wireless networks. Students will learn about the fundamentals of wireless channels, queuing theory, error control coding and ARQ, multiple access channels, cellular network planning, backhaul across

wired networks, ad hoc networks, sensor networks, and current and future cellular networks.
Prerequisite: EEE306

Energy Systems Engineering

About Program

Energy is a very multidisciplinary topic. It is the combination of Electrical Engineering, Mechanical Engineering, Chemical Engineering, Economics and Management. Energy Systems curriculum covers these engineering disciplines together with some environmental and health issues. Energy is also national and international concept and directly affects the international relations. Energy reserves, energy production, energy import and export, prime and secondary energies, energy transportation and storage, energy utilization and energy market are all considered under “Energy” heading. It is a four year program including core courses, department elective and faculty elective courses. Our education program includes the compulsory two summer internships, addressing the topics of energy production and energy operations. Students graduate with the title of “Energy System Engineer.”

Objectives

Energy Systems Engineering department aims to enable students to acquire knowledge and skills as to bring analytical solutions to problems in energy sector, to design, plan and manage efficient, effective and sustainable energy system installations. The total credits required for the satisfactory completion of the curriculum are 127 credits. The program additionally requires two internships each enduring 20 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH113	Mathematics I	Yes	Yes	3 + 2	4
ENER101	Introduction to Energy Systems Engineering	Yes	Yes	2 + 0	2
PHYS113	Physics-I	Yes	Yes	2 + 2	3
CHM101	Chemistry	Yes	Yes	3 + 0	3

[+] 1. Semester Elective Course List

	Foreign Language Elective	No	Yes	2 + 2	3
Total :					15

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH114	Mathematics II	Yes	Yes	3 + 2	4
ENER102	Chemistry of Fuels	Yes	Yes	3 + 0	3
PHYS114	Physics-II	Yes	Yes	2 + 2	3
CLP001	Career And Life Planning	Yes	Yes	0 + 2	1

[+] 2. Semester Elective Course List

	Foreign Language Elective	No	Yes	2 + 2	3
	University Elective	No	Yes	2 + 2	3
Total :					17

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENER201	Energy Systems	Yes	Yes	3 + 0	3
ME201	Engineering Mechanics	Yes	Yes	2 + 2	3
MATH215	Mathematics III	Yes	Yes	2 + 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 3. Semester Elective Course List

	University Elective / Foreign Language Elective	No	Yes	3 + 0	3
EEE201	Circuit Analysis (Faculty Elective)	No	Yes	3 + 0	3
Total :					15

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH265	Probability & Statistics I	Yes	Yes	3 + 0	3
ENER202	Thermodynamics	Yes	Yes	3 + 0	3
MATH216	Mathematics IV	Yes	Yes	2 + 2	3
ECO152	Economics	Yes	Yes	3 + 0	3

[+] 4. Semester Elective Course List

ENER254	Energy Policy	No	Yes	3 + 0	3
Total :					15

5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EEE301	Electromechanical Energy Conversion	Yes	Yes	3 + 2	4
ME307	Fluid Mechanics I	Yes	Yes	3 + 0	3
EEE303	Control Systems	Yes	Yes	3 + 0	3
ME203	Engineering Materials	Yes	Yes	3 + 0	3

[+] 5. Semester Elective Course List

ENER353	Green Engineering & Environmental Compliance (Department Elective)	No	Yes	3 + 0	3
Total :					16

6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENER302	Heat and Mass Transfer	Yes	Yes	2 + 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

ENER304	Introduction to Combustion	Yes	Yes	3 + 0	3
ENER306	Sustainable Energy & Environment	Yes	Yes	3 + 0	3

[+] **6. Semester Elective Course List**

EEE312	Power Electronics & Motion Control Systems (Faculty/Dept Elective)	No	Yes	3 + 2	4
EEE308	Fundamentals of Power Systems (Faculty/ Department Elective)	No	Yes	3 + 0	3
Total :					16

7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENER405	Engineering Economics and Marketing	Yes	Yes	3 + 0	3
ENER407	Energy Laboratory	Yes	Yes	0 + 4	2
ENER409	Energy Efficiency	Yes	Yes	3 + 0	3
ATA111	History of Turkish Revolution I	Yes	Yes	2 + 0	2
TRD111	Turkish I	Yes	Yes	2 + 0	2
BUS220	Entrepreneuership	Yes	Yes	2 + 2	3
IE365	Occupational Health and Safety	Yes	Yes	3 + 0	3

[+] **7. Semester Elective Course List**

Total :					18
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8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENER402	Graduation Project	Yes	Yes	0 + 4	2
ENER408	Electrochemical Energy Conversion	Yes	Yes	3 + 0	3
TRD112	Turkish II	Yes	Yes	2 + 0	2
ATA112	History of Turkish Revolution II	Yes	Yes	2 + 0	2

[+] **8. Semester Elective Course List**

IE476	Operational Strategic Planning (Dept/Faculty Elective)	No	Yes	3 + 0	3
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

IE463	Enterprise Resource Planning Faculty Elective)	(Dept /	No	Yes	3 + 0	3
Total :						15
Grand Total						127

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Course Descriptions

MATH113 Mathematics-I (4 credits) (*See General Education*)

CHM101 Chemistry (3 credits) (*See General Education*)

PHYS113 Physics-I (3 credits) (*See General Education*)

ENER101 Introduction to Energy Systems Engineering (2 credits) Definition of Energy Systems Engineering, Primary Energy, Secondary Energy, Basic Thermodynamics, Energy Production, Conversion Types and Principles, Introduction of Energy Politics And Economics, Introduction of Energy Efficiency.

MATH114 Mathematics-II (4 credits) (*See General Education*)

PHYS114 Physics-II (3 credits) (*See General Education*)

ENER102 Chemistry of Fuels (3 credits) Basic organic chemistry, the formation, composition and properties of the principal naturally occurring fossil hydrocarbons (coal, petroleum, natural gas), and their refining, upgrading, and conversion chemistry. The objectives of this course are to equip students with a fundamental knowledge of the chemistry for the fossil hydrocarbon resources and their energy use for transportation and stationary fuels as well as their use as chemical feed stocks.

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

MATH215 Mathematics-III (3 credits) (*See General Education*)

ENER201 Energy Systems (3 credits) Material balances in processes and operations. Single-phase and multiphase systems. The P-V-T characteristics of gases and vapor-gas mixtures. Energy balances in processes and operations. Simultaneous solution of material and energy balances.

ME231 Engineering Mechanics (3 credits) Engineering Mechanics at Okan University, Idealizations and principles of mechanics. Important vector quantities. Classification and equivalence of force systems. State of equilibrium. Elements of structures, trusses, beams, cables and chains. Friction. Statics of fluids. Variational methods, principles of virtual work and minimum potential energy. Concepts of stress and strain. Simple loading; tension, torsion and bending. Deflections with simple loadings, superposition techniques. Statically indeterminate members, thermal stresses. Combined stresses, Mohr's circle, combined loadings. Buckling. Energy methods. Kinematics and kinetics of particles and system of particles. Plane kinematics and kinetics of rigid bodies. Newton's second law of motion. Methods of work energy and impulse-momentum. Mechanical vibrations.

MATH216 Differential Equations (3 credits) (*See General Education*)

ENER202 Thermodynamics (3 credits) Introduction to thermodynamics, ideal gasses, internal energy, enthalpy, energy transfer by work, heat and mass, the first and second laws of thermodynamics, refrigerators and heat pumps, Carnot cycle, entropy, reversibility.

ECO152 Economics (3 credits) This course is designed to help students develop a basic understanding of economic principles and issues prior to enrolling in a principles of microeconomics or macroeconomics course. It develops their economic literacy and teaches them how economics relates to the everyday life of individuals, businesses and society in general. It will also introduce students to the role different levels of governments play in influencing the economy.

MATH265 Probability & Statistics I (3 credits) (*See General Education*)

EEE301 Electromechanical Energy Conversion (4 credits) The purpose of this course is to give theoretical and practical fundamentals about electromechanical energy conversion which is the base of all electric machineries. The emphasis is on rotating machines, although static concepts such as magnetic circuits and transformers are also covered. An introduction to electro-mechanical energy conversion, magnetic circuits, 3-phase circuits, single phase, three phase and auto transformers, DC motors and generators including separately excited and shunt motors, three phase induction and synchronous machines are taught in the class. Students have also opportunity to perform laboratory experiments as a team in the lab.

EEE303 Control Systems (3 credits) The purpose of this course is to introduce following topics: Introduction to control systems/ Mathematical concept of the control systems/ Transfer Function and State Space methods/ Mathematical modeling of the dynamic systems/ Transient and steady state response analyses/ Effects of Proportional, Integral and Derivative controllers/ Control system design by the Root Locus Method/ Frequency response analysis and control system design in frequency domain/ Controller design with PID/ State space and design of whole control system.

ME307 Fluid Mechanics I (3 credits) The purpose of the Fluid Mechanics I course at Okan University includes; Hydrostatics, kinematics of flow, continuity equation, Euler's and Bernoulli's equations, viscous flow equations, head loss in ducts and piping systems, momentum theorems, dimensional analysis and similitude, potential flow, circulation and vorticity.

ME203 Engineering Materials (3 credits) This course will investigate the techniques to classify different kinds of materials in nature and specify the importance of these materials in science and engineering. Discussions will range from key concepts to useful material resources. Among the topics covered are: Classification of materials, atomic structure and interatomic bonding, the structure of crystalline solids, crystalline and noncrystalline materials, imperfections in solids, mechanical properties of materials, phase diagrams and phase transformations, metal alloys, structure and properties of ceramics, polymers and composites; electrical, magnetic, thermal and optical properties of materials. Performance of materials in service.

ENER302 Heat and Mass Transfer (3 credits) This course will emphasize the modes of heat and mass transport in energy engineering systems. Students will know, understand, and solve heat transfer problems that involve conduction, convection, and radiation. The course will provide an integrated treatment of heat, mass and momentum transfer by convection and mass transfer by diffusion. Students

will also learn and use software that will enable them to solve problems that involve exploratory, what-if, and parameter sensitivity considerations. The course will also assist students to understand the design and operation of different types of heat exchangers. This course also enables students to identify and describe the energy transformations in energy systems. The examples of the processes we would be applying energy conservation principles to include power plant, geothermal energy systems, and industrial reactors and combustors.

ENER304 Introduction of Combustion (3 credits) This course provides an introductory treatment of combustion science. The objectives of the course are to develop in the students an understanding of combustion kinetics, combustion thermo-chemistry, flame dynamics, flame stability, and pollutant formation. Coverage includes laminar and turbulent flames, premixed and diffusion flames, and detonations. Emphasis is placed on the role that kinetics, heat transfer, mass transfer, and fluid dynamics have on flame structure and flame stability. The course includes some laboratory demonstrations of flat flame and diffusion flame burners, and incorporates numerical calculations of thermodynamic and kinetic combustion phenomena. The course begins with a review of transport phenomena, physical gas dynamics, and thermo chemistry. Then, the concept of the laminar flame speed is introduced in the context of a one-dimensional flame and a propagating chemical wave. Issues of premixed flame structure and stability are presented along with a discussion of flammability limits. Next, laminar diffusion flames are presented via the Burke-Schumann analysis. From laminar flames, the emphasis shifts to turbulent premixed and diffusion flames, and the concepts of flame stretch and strain. Detonations are considered, with emphasis on thermodynamic analysis of the detonation and the structure of the detonation wave. Details of chemical kinetics for the hydrogen-oxygen and hydrocarbon-air reaction systems are presented, with linkage back to earlier topics such as flame stabilization and flammability limits. After kinetic phenomena, the course then considers pollutant formation focusing on soot and NO_x. The fundamental aspects of combustion are applied to analysis of the combustion process and pollutant formation in internal combustion engines and catalytic combustors. The course wraps up with discussion of atmospheric chemistry, the fate of pollutants, and the formation of secondary pollutants.

ENER306 Sustainable Energy & Environment (3 credits) This course examines the principles of sustainability and renewable energy conversion with emphasis on wind, water, and geothermal energy resources and the associated environmental impacts. It will complement the existing courses on fossil fuels and new courses on other forms of renewable energy resources, including solar and biomass energy. Students will actively participate in learning through team projects, semester papers, class presentations, and field trips. Energy conservation methods will be emphasized. Students will be able to understand and analyze the technical and environmental aspects of wind, hydro, and geothermal energy.

ENER405 Engineering Economics and Conservation (3 credits) Principles and methods for analyzing the economic feasibility of technical alternatives leading to a decision or recommendation. This general education course provides students with necessary knowledge and information on the main operating principles of devices/appliances that are in common use and information on which to make the right decision in selecting the most energy efficient and economical choice. These devices are day-to-day appliances such as refrigerators, washers and dryers, ovens, etc., and home heating or cooling and transportation choices. The course also provides necessary information on heating furnaces, insulation, doors and windows, lighting, and air conditioning principles. The objective of the course is to expose students to energy efficiency in day to day life in order to save money and energy and thereby protect the environment. This education is very important for all college students to turn them into environmentally-responsible individuals of this Global Village.

ENER407 Energy Laboratory (2 credits) The role of energy in society is increasingly important with increasing environmental constraints, transitioning energy policies, supply disruption, and international

pressure on climate change compliance and competition for energy. Both conventional (fossil fuels) and renewable energy sources are being explored. This course will provide hands on laboratory exposure to the techniques, tools, and analytical methods used in addressing energy science and engineering problems. Students will be exposed to probability, statistical and experimental design methods. Students will perform a variety of lab experiments, analyze the data and write reports on each experiment. Statistical analysis of the data is required where applicable. For the final lab assignment, each student will be given a "mystery" hydrocarbon-based fuel and will be required to characterize or identify the unknown fuel using the practical knowledge of the instrumentation they have learned during the semester.

ENER409 Energy Efficiency (3 credits) The importance of energy and energy efficiency, energy management, energy analysis by residential and industry, electrical appliances and lighting energy efficiency, energy efficiency applications

IE 365 Occupational Health and Safety (3 credits) It is aimed in this course that basic information in creating awareness of students on subject. Especially legal aspects and technical sides of the subject will be introduced to the students. Basic knowledge of work accidents and occupational diseases and protection measures will be taught.

ATA111 History of Turkish Revolution I (2 credits) (*See General Education*)

TRD111 Turkish Language I (2 credits) (*See General Education*)

BUS 220 Entrepreneurship (3 credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production, business ethics will also be examined. The original side of this course is business people' sharing their experience with students.

ENER402 Graduation Project (2 credits) This is a compulsory project that each student should take a topic on energy and conduct a research under a supervisor and then prepare a thesis about this topic. Application type of projects are encouraged.

ENER408 Electrochemical Energy Conversion (3 credits) The course will cover the fundamental principles of electrochemistry, including electrochemical thermodynamics, kinetics, catalysis, and corrosion. Students will be exposed to the application of these principles in fuel cells, batteries, and photovoltaics. Students will be able to perform efficiency analysis in these systems. They will also be able to understand the differences between types of fuel cells and distinguish between electrochemical and chemical energy systems. For each of the above application areas students will learn the criteria used to determine their performance, their current state of development, and their advantages/disadvantages.

ATA112 History of Turkish Revaluation II (2 credits) (*See General Education*)

TRD112 Turkish Language II (2 credits) (*See General Education*)

ELECTIVE

EEE201 Circuit Analysis (3 credits) The purpose of this course is to introduce following topics: Physical electrical circuits. Modeling and measurements of currents and voltages in physical circuits. Definitions of charge, flux, power and energy and modeling their waveforms. Kirchoff's Laws: current and voltage equations. Independent sets of current and voltage equations. Ideal 2-terminal and multi-terminal circuit elements: linear and nonlinear resistors, inductors and capacitors. Modeling of physical elements. Small signal analysis. Solution of resistive circuits: node voltage and mesh current methods. Network theorems. Solution of dynamic circuits: responses of first and second order dynamic circuits.

ENER254 Energy Policy (3 credits) Introduction to the geopolitics of energy, the course focuses on political, economic, strategic implications of current trends in energy markets. It will also take into account the relationship between energy and environment and alternative sources of energy in the context of the EU energy policy and the Turkish market.

ENER353 Green Engineering & Environmental Compliance (3 credits) The primary objective of this course is to introduce students to how engineering and industrial decisions affect the environment and how clean technologies can reduce environmental impact. Students will also be exposed to global mass and energy flows from an environmental perspective that relate to both industrial and natural systems. Students will be exposed to environmental concepts, principles, and evaluation techniques within the framework of green engineering, pollution prevention, and environmental sustainability. The course is for students with a general science or engineering background. By examining mass and energy flows on the unit operation, plant-wide, local and regional scale, students will understand the interaction of anthropogenic flows with natural cycles of materials and energy. Students will understand how environmental concerns and regulations provide the motivation and incentive behind reducing pollution during the design phase rather than as an "add-on" or "end of pipe" treatment technology. Students will evaluate plant flow sheets to identify engineering means by which to reduce plant-wide environmental impact.

EEE312 Power Electronics & Motion Control (4 credits) The purpose of this course is to introduce semiconductor switches, converters and applications. Single and multi phase uncontrolled and controlled rectifiers, evaluation of their input and output parameters (Harmonics, PF, HF, DF, DisF, RF, FF,CF). Modeling, analysis and design of DC/DC conversion techniques (buck, boost, buck-boost, flyback, forward, pushpull, full bridge), Switched mode power supplies. Power electronics in motion control systems; ac and brushless dc drives, power electronics in electric power systems; dc to dc power transmission, flexible ac transmission, renewable energy production and smart grids.

EEE 308 Fundamentals of Power Systems (3 credits) The purpose of this course is to give theoretical and practical fundamentals about electric power system analysis. This course will describe the per unit system, Transmission Lines (Resistance, inductance and inductive reactance, capacitance and capacitive reactance for single and three-phase circuits), Transmission Line Models (The short transmission line, the medium-length line, the long transmission line), Power Flow Solutions (Introduction, scope of power system analysis, one-line diagrams, power system modeling, Power flow analysis, power flow concept, node-voltage equations, classification of buses, the gauss-seidel method) and Power System Faults (Fault analysis, single line-to-ground fault (SLG), line-to-line fault (L-L), double line-to-ground fault (2LG), balanced three-phase fault, three-phase fault analysis, symmetrical components, unsymmetrical fault analysis). Students will also conduct computer simulations on electric power systems using PowerWorld Simulator.

IE463 Enterprise Resource Planning (3 credits) This course aims to explain how the fundamental business processes interact with SAP ERP in the functional departments of Sales & Distribution, Materials Management, Production Planning, Financial Accounting, Management Accounting, and Human Capital Management.

IE476 Operational Strategic Planning (3 credits) Teaching contemporary project management techniques that are used for project planning, execution and control in project-based organizations and provide substantial saving from time and cost.

Food Engineering

About Program

Okan University Food Engineering Department aims to develop expertise in; mathematics included differential equations, chemistry, physics, physical chemistry, and biological sciences, as well as biological kinetics, biological materials, heat and mass transfer, information systems, process control subjects, and specific subjects in food engineering, including food processing systems, food chemistry and microbiology, food quality and legislations with its undergraduate program. Students who have completed English preparatory class will continue with a 4-year program that all courses are taught in English. One of the distinctive features of the program is that 'Education with Industrial Cooperation' program (Cooperative Training) is supported during a 4-year undergraduate education program to educate food engineers computing in today's technology, having an understanding of innovation, learned how to learn, equipped with the qualifications needed by the industry and ready for business life. This program, giving priority to the cooperation of the food industry and the university, provides opportunities for the students to practice their knowledge and skills gained by the educational activities. The program aims to ensure that the students gain practical experience prior to graduation; support students to experience business life by getting used to it; consolidate and deepen the information given in the field of Food Engineering; develop the skills of students such as taking responsibility, communication, and ownership; enrich the know-how about industrial applications, devices, equipments and facilities; provide students an environment in which they can express their knowledge and skills and give students an opportunity to practice for their future jobs.

Objectives

The Food Engineering Programme aims to graduate food engineers who have qualifications required by the food industry, who can produce safe and high quality food products, can design food production and distribution systems, can carry out the scientific research and can follow up technological improvement to make innovation. The total credits required for the satisfactory completion of the curriculum are 127 credits. The program additionally requires one internship enduring 20 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH113	Mathematics I	Yes	Yes	3 + 2	4
ATA111	History Of Turkish Revolution I	Yes	Yes	2 + 0	2
CHM101	Chemistry	Yes	Yes	3 + 0	3
PHYS113	Physics-I	Yes	Yes	2 + 2	3
TRD111	Turkish I	Yes	Yes	2 + 0	2
FDE141	Chemistry Lab	Yes	Yes	0 + 2	1

[+] 1. Semester Elective Course List

	Elective Foreign Language	No	Yes	2 + 2	3
	University Elective	No	Yes	3 + 0	3
Total :					21

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH114	Mathematics II	Yes	Yes	3 + 2	4
ATA112	History of Turkish Revolution II	Yes	Yes	2 + 0	2
CMPE152	Computer Programming	Yes	Yes	2 + 2	3
PHYS114	Physics-II	Yes	Yes	2 + 2	3
FDE102	Food Engineering Survey	Yes	Yes	1 + 0	1
TRD112	Turkish II	Yes	Yes	2 + 0	2
CLP001	Career Life Planning	Yes	Yes	0 + 2	1

[+] 2. Semester Elective Course List

	Elective Foreign Language	No	Yes	2 + 2	3
Total :					19

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH215	Mathematics III	Yes	Yes	2 + 2	3
FDE211	Organic Chemistry	Yes	Yes	3 + 0	3
FDE221	Transfer Processes In Food Systems	Yes	Yes	3 + 0	3
FDE231	Physical Chemistry	Yes	Yes	3 + 0	3

[+] 3. Semester Elective Course List

CE205	Materials Science	No	Yes	3 + 0	3
ME201	Computer Aided Technical Drawing	No	Yes	2 + 2	3
Total :					18

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH216	Mathematics IV	Yes	Yes	2 + 2	3
FDE212	Biology	Yes	Yes	2 + 2	3
FDE232	Thermodynamics	Yes	Yes	3 + 0	3
MATH265	Probability & Statistics I	Yes	Yes	3 + 0	3

[+] 4. Semester Elective Course List

FDE214	Food Engineering Economics	No	Yes	2 + 0	2
FDE204	Numerical Analysis	No	Yes	2 + 0	2
Total :					14

5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FDE321	Transport Phenomena I	Yes	Yes	3 + 0	3
FDE325	Kinetics	Yes	Yes	3 + 0	3
FDE331	Food Chemistry	Yes	Yes	2 + 2	3
INT001	Internship I	Yes	Yes	0 + 0	0

[+] 5. Semester Elective Course List

	Foreign Language Elective	No	Yes	2 + 2	3
	University Elective	No	Yes	3 + 0	3
Total :					15

6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FDE322	Transport Phenomena II	Yes	Yes	3 + 0	3
FDE324	Process Control	Yes	Yes	2 + 0	2
FDE304	Food Quality	Yes	Yes	3 + 0	3
FDE308	Food Engineering Operations I	Yes	Yes	3 + 0	3
FDE312	Food Microbiology	Yes	Yes	3 + 2	4
FDE306	Food Legislation	Yes	Yes	2 + 0	2

[+] 6. Semester Elective Course List

Total :					17
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*C: Compulsory
 **A: Average
 *** L + P: Lecture + Practice

7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FDE401	Food Product Development	Yes	Yes	3 + 0	3
FDE403	Modelling & Design of Biological Systems	Yes	Yes	2 + 0	2
FDE425	Food Engineering Operations II	Yes	Yes	3 + 0	3
BUS220	Entrepreneuership	Yes	Yes	2 + 2	3

[+] 7. Semester Elective Course List

FDE411	Fundamentals of Food Marketing	No	Yes	2 + 0	2
FDE413	Food Additives	No	Yes	2 + 0	2
FDE415	Food Biotechnology	No	Yes	2 + 0	2
FDE417	Functional Foods	No	Yes	2 + 0	2
FDE419	Food Packaging	No	Yes	2 + 0	2
FDE421	Cereal Technology	No	Yes	2 + 0	2
FDE405	Food Technology	No	Yes	2 + 0	2
FDE411	Fundamentals of Food Marketing	No	Yes	2 + 0	2
FDE413	Food Additives	No	Yes	2 + 0	2
FDE415	Food Biotechnology	No	Yes	2 + 0	2
FDE417	Functional Foods	No	Yes	2 + 0	2
FDE419	Food Packaging	No	Yes	2 + 0	2
FDE421	Cereal Technology	No	Yes	2 + 0	2
FDE405	Food Technology	No	Yes	2 + 0	2
Total :					15

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FDE404	Capstone Design Project	Yes	Yes	2 + 4	4
FDE406	Graduation Project	Yes	Yes	0 + 4	2

[+] 8. Semester Elective Course List

FDE408 /	Human Health & Nutrition /	No	Yes	2 + 0	2
FDE412 /	Food Technologies /				
FDE414	Risk Evaluation for Foods				
Total :					8
Grand Total					127

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

MATH113 Mathematics I (4 credits) (*See General Education*)

FDE141 Chemistry Lab (1 credits) This course is designated to enable the practice of the basic principles and theories in chemistry and to provide the essential knowledge in order to write a technical report based on observations, calculations and conclusions.

PHYS113 Physics I (3 credits) (*See General Education*)

ATA111 History of Turkish Revolution I (2 credits) (*See General Education*)

TRD111 Turkish Language I (2 credits)(*See General Education*)

CHM101 Chemistry (3 credits) (*See General Education*)

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

MATH114 Mathematics II (4credits) (*See General Education*)

CMPE152 Computer Programming (3 credits) (*See General Education*)

PHYS114 Physics II (3 credits) (*See General Education*)

ATA112 History of Turkish Revolution II (2 credits) (*See General Education*)

TRD112 Turkish Language II (2 credits)(*See General Education*)

FDE102.Food Engineering Survey (1credits) The purpose of this course is to introduce the scope of food engineering: food components, food spoilage, introduction to basic food processes, food quality, food safety, contemporary issues, engineering ethics, technical trips to food factories, and to invite guest speakers from industry.

MATH215.Mathematics III (3 credits) (*See General Education*)

FDE211 Organic Chemistry (3 credits) The purpose of this course is to demonstrate a detailed knowledge on the chemistry of bonding and isomerism; structures, chemical reactions, and survey of hydrocarbons, alcohols, aromatic compounds, aldehydes, ketones, and carboxylic acids (and their derivatives). This course emphasizes the fundamental properties of organic compounds.

FDE221 Transfer Processes in Food Systems (3 credits) Material and energy balances in food and biological systems. Introduction to heat, mass, momentum transfer. Psychrometrics and applications in conditioning of air.

FDE231 - Physical Chemistry (3 credits) Gasses, ideal gasses and real gasses, kinetic theory, Maxwell-Boltzmann Distribution, Transport Properties, The first Law of Thermodynamics, The Second Law of Thermodynamics, Application of the second law to physical and chemical processes, Phases, Chemical Potential, Colligative Properties, Rault and Henry rules, Simple and Complex reaction kinetics, Reaction rate theories, Electrochemistry, Polymers.

MATH216 Mathematics IV (3 credits) (*See General Education*)

FDE232 Thermodynamics (3 credits) Introduce the student basic concepts of thermodynamics; such as properties of pure substances with phase changes, energy transfer by heat, work and mass, 1st Law of Thermodynamics in open and closed systems, 2nd Law of Thermodynamics, and Entropy. This course is designated to provide the knowledge necessary to move from the role of a student to that of an engineer. The focus is directed toward the legal, ethical and professional responsibilities of an engineer.
*Prerequisite*FDE231

FDE212 Biology (3 credits) The purpose of this course is to demonstrate the principles and concepts of biology by emphasising on basic biological chemistry, cell structure and function, metabolism and energy transformation, genetics, evolution, classification, and other related topics.

MATH265 Probability and Statistics I (3 credits) (*See General Education*)

FDE321 Transport Phenomena I (3 credits) This course designed to teach students momentum transfer, basic principles of fluid mechanics, properties of fluids, pressure and fluid statics, mass, Bernoulli and energy equations, pipe flow, differential flow analysis. *Prerequisite*FDE221

FDE325 Kinetics (3 credits) This course designed to teach students rate of a chemical reaction, kinetics of biological reactions, kinetics of biomass production, substrate utilization and product formation in cell cultures, kinetics of microbial death and enzyme inactivation, kinetics and shelf life of food.

FDE331 Food Chemistry (3 credits) The purpose of this course is to demonstrate a detailed knowledge on individual food components, including water, carbohydrates, proteins, and lipids, giving particular attention to their chemical structures and reactions and to the role of each component on food quality. Throughout the laboratory analysis, students will be able to analyze food materials for their principle components and determine some specific reactions of these components.

FDE322 - Transport Phenomena II (3 credits) This course designed to teach students heat and mass transfer, basic principles developed and illustrated with problems from food engineering practice, modes of heat transfer: conduction, convection, radiation; conduction: fundamental principles and equations, steady and unsteady conduction; convection: fundamental principles and equations, forced and natural convection; radiation: fundamental principles and equations, radiation heat transfer; mass transfer: fundamental principles, mass diffusion and convective mass transfer. *Prerequisite*FDE321

FDE324 Process Control (2 credits) The purpose of this course is to provide knowledge on process control in food manufacturing, measurement instruments, control elements: valves, dosage elements, pumps, control systems, symbols, design, and pipes.

FDE308 Food Engineering Operations I (3 credits) This course designed to teach students basic unit operations in food processing such as preliminary preparative operations including cleaning, sorting, grading methods in food industry; size reduction and screening of solids; mixing and emulsification; power consumption in agitation systems; filtration theory and applications; membrane separations; centrifugation theory and applications: separation of immiscible liquids.

FDE304 Food Quality (3 credits) The purpose of this course is to provide a detailed knowledge on quality criteria in food commodity groups and to introduce an ability to apply this basic knowledge in achieving quality control of food products and food production processes; promote student's focus on quality management and quality assurance systems and tools; educate students on respective national and international food standards and food legislations; improve the student's written and oral communication skills through the homework assignment.

FDE312 Food Microbiology (4 credits) The purpose of this course is to provide engineering undergraduate students with the basic knowledge about microbiology; microbial physiology and metabolism; human microbial interactions and their outcomes; food as an environment for microbial growth; and current laboratory techniques for the isolation, characterization, and identification of microorganisms from various food environment.

FDE306 Food Legislation (2 credits) The purpose of this course is to provide the knowledge necessary to move from the role of a student to that of a graduate nurse. The focus is directed toward the legal, ethical and professional responsibilities of the nurse in managerial and coordinating roles.

FDE401 Food Product Development (3 credits) The purpose of this course is to provide an understanding and applying practices to develop food products with traditional and novel food ingredients and processes in the context of existing national and international legal, regulatory, economic, environmental, and social constraints. Nutritional and health implications relating to newly designed food products will also be emphasized. This course will include working in teams to produce novel, unique, healthy, and consumer-demand products. This course will include industry presentations and will help the students to gain experience for positions in industry and/or graduate education.

FDE403 Modelling & Design of Biological Systems (2 credits) This course designed to introduce students the economic and design principles as applied in food engineering processes and operations, to provide students various stages of plant design such as cost estimations, profitability and feasibility studies, capacity planning, plant location and management, optimum design strategies.

FDE425 Food Engineering Operations II (3 credits) This course designed to give students the principles and calculation methods of important food engineering operations, including heat and mass transfer applications, such as evaporation, distillation, solid-liquid extraction, evaporation, humidification and drying; to give the area of application of this operations in food industry, the information about the equipment's used; to carry the students to a level that they can manage the process and equipment design. *Prerequisite*FDE308

FDE404 - Capstone Design Project (4 credits) Selecting an industrial food product. The production technology and flow diagram of food product. Gathering essential statistical data for process calculations and determination of capacity. Calculations of mass and energy balances, fluid mechanics, heat and mass transfer for the selected process. Design of a quality control laboratory for that product. Designing of a food plant by selecting or designing proper equipment, calculation of the costs of equipment, operations, and the product. *Prerequisite*FDE221, *Prerequisite*FDE232, *Prerequisite*FDE308, *Prerequisite*FDE321, *Prerequisite*FDE322, *Prerequisite*FDE425

FDE406 - Graduation Project (2 credits) The purpose of this course is to apply all knowledge gained throughout Food Engineering program education to practical (experimental studies, computer-based design, survey studies, data collection, and analysis) or theoretical research (literature review) under supervision of an instructor; and to make the students prepare a final project report based on their research results.

ELECTIVES

CE205 - Materials Science (3 credits) The purpose of this course is to emphasize the following topics: Introduction to materials science and engineering, classification of materials. Atomic structure and interatomic bonding: ionic bonding, covalent bonding, metallic bonding, Van der Waals bond. The structure of crystalline solids: crystal structures, crystallographic points, directions and planes, crystalline and noncrystalline materials. Imperfections in solids: point defects, miscellaneous imperfection. Diffusion. Mechanical properties of metals: tensile test, stress-strain relations, brittle behavior, ductile behavior, shear effect, hardness. Dislocations and strengthening mechanisms: recovery, re-crystallization and grain growth. Failure: ductile fracture, brittle fracture, fatigue, creep. Phase diagrams.

ME201 Computer Aided Technical Drawing (3 credits) The Purpose of this course is to understand Technical Drawing with AutoCAD concept, perspective projections and types, orthographic projection, isometric drawing, oblique drawing, sectioning of the objects, dimensioning, and solid drawing,

FDE214 Food Engineering Economics (2 credits) The focus of this course is to provide understanding on engineering economic principles and methods and to apply it in food engineering field. The field of Food Engineering Economics is concerned with the systematic economic analysis of food preservation, food manufacturing and food ingredients plant in relation to a number of representative food processes. The economic analysis of food plant requires the evaluation of the quantitative data from the design and operation of food processes and processing plants.

FDE204 Numerical Analysis (2 credits) The purpose of this course is to study the numerical methods used in food engineering using the Series and Truncation Errors, Finite Difference Calculus, Interpolation and Extrapolation, Roots of Equations, Solution of Linear Algebraic Equations, Numerical Integrations, Modeling of Data, Numerical Solutions of Ordinary Differential Equations, Numerical Solutions of Partial Differential Equations.

FDE411 Fundamentals of Food Marketing (2 credits) This course aims to enable students to gain knowledge about how to apply the principles of economics and business management in the food industry from farm gate to plate and to provide a basic infrastructure and an effective understanding of marketing process as a whole in plenty of food manufacturing areas with various analytical tools.

FDE413 Food Additives (2 credits) The purpose of this course is to demonstrate a detailed knowledge on the general characteristics and classification of food additives, giving particular attention to their risks and benefits, toxicology and safety evaluations, regulations, and health implications. This course will also describe the food applications of each group of food additives through giving examples from the food industry.

FDE415 - Food Biotechnology (2 credits) The purpose of this course is to provide knowledge of methods and tools applied to the production of biotechnologically derived foods and food ingredients. To equip students with the basic scientific skills to enter the food biotechnology industry. To improve student's communication, presentation and writing skills related to food biotechnology.

FDE417 Functional Foods (2 credits) The purpose of this course is to demonstrate basic knowledge on principles of functional food and nutraceutical concepts involving conventional nutrients and phytochemicals, health claims and evidence based potentials, toxicological implications, regulations, and consumer trends.

FDE419 Food Packaging (2 credits) The purpose of this course is to demonstrate basic knowledge on:

- Essential functions of food packaging on food spoilage
- Physical, chemical and quality properties, types, and utilization of paper-, glass-, metal- and plastic based packaging materials, multi-layer combination
- Examples of food packaging technologies including aseptic packaging and modified atmosphere packaging
- Bar-code system in packaging
- Packages and recycling
- Migration from food packing material to food
- Regulations on food packing, food contact material and labelling

FDE421 Cereal Technology (2 credits) The purpose of this course is to demonstrate a basic knowledge on cereal technology, cereal varieties, criteria and tools for the evaluation of wheat quality, storage of cereals, and processes of milling, baking and pasta making.

FDE405 Food Technology (2 credits) The purpose of this course is to integrate principles of food chemistry, food microbiology, food engineering unit operations, food quality and safety, nutrition, and sensory evaluation through discussion of food processing operations. Areas covered include processing of cereals, fruit and vegetables, dairy products, and fats and oils. Chemical and biochemical properties of raw materials and their relationship to current processing methods to obtain the desired products will be discussed.

FDE408 Human Health & Nutrition (2 credits) The purpose of this course is to provide an integrated overview of the physiological requirements and functions of protein, energy, and the major vitamins and minerals that are determinants of health and diseases in human populations. Topics include dietary sources, intake levels, physiological role, and requirement of major nutrients; the biological determinants of nutrient requirements and the assessment of nutrient status in individuals and populations; the role of nutrition in growth and health through the life cycle; the rationale for the development of dietary guidelines and of nutrition policies in different countries; the role of diet in the development of chronic diseases, such as cardiovascular disease, cancer, diabetes, etc.

FDE412 Novel Food Technologies (2 credits) This course aims to make a description of novel food preservation technologies, such as pulsed electric fields (PEF), high hydrostatic pressure (HHP), ohmic heating, etc.

FDE414 Risk Evaluation for Foods (2 credits) The purpose of this course is to provide students an overview of risk analysis, its role in food hazards, understanding the food supply chain and the steps involved in food recall. Hazard identification, the predominant risk analysis models, issues associated with risk management and risk communication, some of the tools of risk assessment will be discussed. The analysis, recognition and management of food hazards and risk will be discussed using case studies.

BUS220 Entrepreneurship (3 credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production, business ethics will also be examined. The original side of this course is business people' sharing their experience with students.

Genetics and Bioengineering (Turkish)

About Program

The aim of the Genetics and Bioengineering Department is to educate students not only in applied science that target directly human health such as genetics, tissue engineering, stem cell biology, cancer biology, developmental biology, immunology and epigenetics but also in advanced industrial applied fields that have applications for product research and development such as synthetic biology, biosensors, microbial biotechnology and molecular diagnostics.

Objectives

Genetics and Bioengineering Program aims to provide to develop advanced diagnostic and treatment by creating new information with commercial value in order to life quality and time by making basic, translational and applied studies via educational method with a combination of engineering and life sciences. The total credits required for the satisfactory completion of the curriculum are 127 credits. The program additionally requires two internships each enduring 20 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MAT113	Matematik I	Yes	Yes	3 + 2	4
GBM101	Biyomühendisliğe Giriş	Yes	Yes	2 + 0	2
FIZ113	Fizik I	Yes	Yes	2 + 2	3
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
KIM101	Kimya	Yes	Yes	3 + 0	3

[+] 1. Semester Elective Course List

	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
Total :					19

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MAT114	Matematik II	Yes	Yes	3 + 2	4
FIZ114	Fizik II	Yes	Yes	2 + 2	3
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
TRD102	Türk Dili II	Yes	Yes	3 + 0	3
GBM102	Moleküler Hücre Biyolojisi-1	Yes	Yes	2 + 0	2
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0+2	1

[+] 2. Semester Elective Course List

	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
Total :					18

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GBM201	Moleküler Hücre Biyolojisi-2	Yes	Yes	2 + 2	3
GBM203	Biyokimya	Yes	Yes	2 + 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

GBM205	Mikrobiyoloji	Yes	Yes	2 + 2	3
MAT265	Olasılık ve İstatistik	Yes	Yes	3 + 0	3
MAT215	Matematik III	Yes	Yes	2 + 2	3

[+] 3. Semester Elective Course List

	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
Total :					18

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MAT266	Olasılık ve İstatistik II	Yes	Yes	3 + 0	3
BLG152	Bilgisayar Programlama	Yes	Yes	2 + 2	3
GBM206	Biyomalzemeler	Yes	Yes	2 + 2	3
GBM202	Biyomühendislik Laboratuvarı	Yes	Yes	0 + 4	2
MAT216	Matematik IV	Yes	Yes	2 + 2	3

[+] 4. Semester Elective Course List

END316	Mühendislik Ekonomisi	No	Yes	3 + 0	3
Total :					17

5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GBM301	Hücre ve Doku Mühendisliği	Yes	Yes	2 + 4	4
GBM303	Fizyoloji	Yes	Yes	3 + 2	4
GBM305	Biyoinformatik	Yes	Yes	2 + 2	3

[+] 5. Semester Elective Course List

END305	Üretim Planlama-I	No	Yes	3 + 0	3
Total :					14

6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GBM308	Biyotransport	Yes	Yes	2 + 0	2
GBM302	Genetik Mühendislik	Yes	Yes	2 + 4	4

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

GBM304	Doku Biyokimyası	Yes	Yes	3 + 0	3
GBM306	Kalite ve Güvenlik Yönetimi	Yes	Yes	1 + 0	1

[+] **6. Semester Elective Course List**

GBM320	Protein Mühendisliği	No	Yes	3 + 0	3
GBM321	Moleküler Sinyal Yolakları ve Kanser	No	Yes	3 + 0	3
Total:					16

7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GBM401	Endüstriyel Genetik ve Biyomühendislik	Yes	Yes	2 + 6	5
GBM410	Biyomedikal Mühendisliği	Yes	Yes	2 + 0	2
ISL220	Girişimcilik	Yes	Yes	2 + 2	3

[+] **7. Semester Elective Course List**

GBM404	İmmünoloji	No	Yes	3 + 0	3
Total :					13

8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GBM402	Endüstriyel Genetik ve Biyomühendislik	Yes	Yes	4 + 4	6
GBM406	Bitirme Projesi	Yes	Yes	0 + 6	3

[+] **8. Semester Elective Course List**

	Seçmeli Üniversite Dersi	No	Yes	3 + 0	3
Total :					12
Grand Total					127

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

MAT113 Matematik I (Mathematics I) (4 credits) *(See General Education)*

GBM101 Biyomühendisliğe Giriş (Introduction to Bioengineering) (2 credits) This course is designated to provide the introduction knowledge to bioengineers necessary to discuss the basics and applications of genetics and bioengineering. *(This course is given in Turkish.)*

FIZ113 Fizik I (Physics I) (3 credits) *(See General Education)*

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution I) (2 credits) *(See General Education)*

TRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education)*

MAT114 Matematik II (Mathematics II) (4 credits) *(See General Education)*

GBM102 Moleküler Hücre Biyolojisi-1 (Molecular Cell Biology I) (2 credits) This course is designated to provide the introduction knowledge to bioengineers necessary to discuss the basics and applications of molecular biology and cellular biology. *(This course is given in Turkish.)*
Prerequisite:GBM101

FIZ114 Fizik II (Physics II)(3 credits) *(See General Education)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution II) (2 credits) *(See General Education)*

TRD102 Türk Dili II (Turkish Language II) (2 credits) *(See General Education)*

GBM201 Moleküler Hücre Biyolojisi 2 (Molecular Cell Biology II) (3 credits) The purpose of this course is to provide the detailed knowledge necessary to understand the mechanisms of molecular and cellular biology. *(This course is given in Turkish.)* *Prerequisite:GBM102*

MAT265 Olasılık ve İstatistik I (Probability and Statistics I) (3 credits) *(See General Education)*

GBM203 Biyokimya (Biochemistry) (3 credits) Biochemistry is the chemical and molecular underpinnings of how and why life (cells and organisms) works. Students learn to understand and interpret terms and discover principles cell anatomy, cell biochemistry, cellular respiration and genetics. The general aim of this course, therefore, is to train students to understand biological processes and events by learning the logic of chemistry. In laboratory activities students learn to perform basic mathematical calculations, acquire experimental data and apply reason to the interpretation of principles underlying the observations including cause and effect relationships. *(This course is given in Turkish.)*
Prerequisite:GBM101

MAT215 Matematik III (Mathematics III) (3 credits) *(See General Education)*

GBM205 Mikrobiyoloji (Microbiology) (3 credits) The aim of this course is to provide basics of microbiology and immunology for students. *(This course is given in Turkish.)*

MAT266 Olasılık ve İstatistik II (3 credits) (Probability and Statistics II) *(See General Education)*

BLG152 Bilgisayar Programlama (Computer Programming) (3 credits) *(See General Education)*

MAT216 Matematik IV (Mathematics IV)(3 credits) *(See General Education)*

GBM202 Biyomühendislik Laboratuvarı (Bioengineering Laboratory) (2 credits) This course is designated to provide the introduction knowledge to laboratory techniques, scientific calculation methods, laboratory safety rules and basic tools of molecular biology and genetics. *(This course is given in Turkish.) Prerequisite:GBM201*

GBM206 Biyomalzemeler (Biomaterials) (3 credits) This course is designated to provide the knowledge to bioengineers necessary to discuss parameters to design new materials for use in biomedical or biotechnological applications. *(This course is given in Turkish.)*

GBM301 Hücre ve Doku Mühendisliği (Tissue Engineering) (4 credits) This course is designated to provide the introduction knowledge to bioengineers necessary to discuss the basics and applications of cell and tissue engineering. *(This course is given in Turkish.) Prerequisite:GBM201*

GBM303 Fizyoloji (Physiology) (4 credits)The aim of this course is to underline and discuss basic physiology concepts, functional organization of the body, relations of cell-organ-system, cell structure and function and functional mechanisms of body systems. *(This course is given in Turkish.)*

GBM305 Biyoinformatik(Bioinformatics) (3 credits) The course is designed to provide knowledge to bioengineers to solve the biological questions using bioinformatics and learn to use several databases. Students use online tools to analyze DNA, RNA and protein as well as learn how to use publicly available databases. *(This course is given in Turkish.) Prerequisite:GBM201*

GBM308 Biyotransport(Biotransport) (2 credits) This course is an introduction to momentum and heat transport in medical and biological systems. Examines how differential and control-volume analyses produce ordinary and partial differential equations, and develops solution methods using analytical and computational techniques. *(This course is given in Turkish.)*

GBM302 Genetik Mühendislik (Genetic Engineering) (4 credits) The purpose of this course is to provide the detailed theoretical knowledge and practical experience necessary to underline the genetic engineering methods. *(This course is given in Turkish.) Prerequisite:GBM202*

GBM304 Doku Biyokimyası (Tissue Biochemistry) (3 credits) The course provides comprehensive information on the biochemical mechanisms and physiological actions of the normal functioning of tissues such as connective tissue, epithelial tissue, muscle tissue, nervous tissue, bone tissue and adipose

tissue. The course gives understanding of how the hormones functions. This course also provides the knowledge of the principles of biochemical structure of tissue differentiation, and biochemical mechanisms of related diseases. There are several goals of this course and it also reflects the latest advances in tissue biochemistry that are important to students genetic and bioengineering. (*This course is given in Turkish.*) *Prerequisite:GBM203*

GBM401 Endüstriyel Genetik ve Biyomühendislik (Industrial Genetics and Bioengineering) (5 credits) The purpose of this course is to introduce the applications of genetics and bioengineering in different areas of industry. (*This course is given in Turkish.*) *Prerequisite:GBM302*

GBM410 Biyomedikal Mühendisliği (Biomedical Engineering) (2 credits) This course is designated to provide the knowledge to bioengineers necessary to understand the scope of the work in the biomedical engineering. (*This course is given in Turkish.*)

ISL220 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production, business ethics will also be examined. The original side of this course is business people' sharing their experience with students. (*This course is given in Turkish.*)

GBM402 Endüstriyel Genetik ve Biyomühendislik (Industrial Genetics and Bioengineering) (6 credits) This course is composed of two different parts. The first part aims to underline biotechnological processes, basic elements of biocatalysis and its industrial applications, bioreaction kinetics and the important concepts in production via fermentation and the importance of biomass production in genetic engineering. The second part of the course is designated to provide the principles, practices and application of plant biotechnology in science and agriculture for students. The second part also presents an overview of the techniques and underlying theory of plant tissue culture and plant transformation, and issues in the area of plant biotechnology. (*This course is given in Turkish.*) *Prerequisite:GBM401*

ELECTIVES

END316 Mühendislik Ekonomisi (Engineering Economy) (3 credits) The focus of this course is to provide understanding on engineering economic principles and methods and to apply it in engineering field. The field of Engineering Economy is concerned with the systematic evaluation of the benefits and costs of different projects in order to select the preferable alternative among several technically viable ones using quantitative techniques. (*This course is given in Turkish.*)

END305 Üretim Planlama-I (Production Planning I) (3 credits) This course aims to enable students to gain technical knowledge about production systems and their related basic classifications and medium-term planning techniques so as to be able to use and develop them. Production systems concepts, production management system and subsystems, production planning activities and periodic classification, demand forecasting and techniques, aggregate production planning, (*This course is given in Turkish.*)

GBM320 Protein Mühendisliği (Protein Engineering) (3 credits) This course is designated to provide the introduction knowledge to bioengineers necessary to discuss the basics and applications of

protein engineering and enzymology methods and applications. *(This course is given in Turkish.)*
Prerequisite:GBM201

GBM321 Moleküler Sinyal Yolakları ve Kanser (Molecular Signal Transduction and Cancer)(3 credits) This course is designated to provide the introduction knowledge to understand how thousands of diverse signaling proteins interact with each other in vast interconnected networks. The aim of the lecture also is discussing the common currencies of cellular information processing and the core components of the signaling machinery. Secondly, this course aims to provide a comprehensive overview of molecular and genetic mechanisms of cancer biology. *(This course is given in Turkish.)*
Prerequisite:GBM201

GBM404 İmmünoloji (Immunology)(3 credits) This course is designated to provide the introduction knowledge to bioengineers necessary to discuss the basics and applications of immunology. *(This course is given in Turkish.)* *Prerequisite:GBM201*

Geomatics Engineering (Turkish)

About Program

Providing appropriate education to develop age and country needs in the light of current technologies, contributing to science and technology with scientific research and applications in national and international levels, to be useful to our country and humanity with our graduates. Our department is committed national and international recognition in the academic and technical level. In order to carry out all of these, following objectives are aimed.

- To train highly skilled Geomatics Engineer candidates who know the topic of land arrangement, land management, urban regeneration very well.
- To train highly skilled Geomatics Engineering and GIS professionals and Technologist.
- Conduct research and disseminate research findings in Geomatics Engineering, GIS and associated disciplines.
- Establish Income generation mechanisms through training and research.
- Comprehensively understand fundamental geodetic and geomatic sciences
- Training competent engineers who will work national and international areas

Objectives

The Geomatics Engineering program aims to enable students to gain knowledge and skills so they can play a major role as a manager and as an operator in the technical and juristically issues such as urban regeneration, land management, real estate valuation, zoning applications related to property ownership and local governments firstly and in the issue of geographical information systems and in engineering projects such as bridge, dam, highway, housing etc.

The total credits required for the satisfactory completion of the curriculum are 128 credits. The program additionally requires two internships each enduring 20 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
FIZ113	Fizik I	Yes	Yes	2 + 2	3
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
MAT113	Matematik I	Yes	Yes	3 + 2	4
[+] 1. Semester Elective Course List					
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
	Seçmeli Üniversite Dersi(1. YY)	No	Yes	3 + 0	3
	Seçmeli Üniversite Dersi (1. YY)	No	Yes	3 + 0	3
GEOM101	Geomatik Mühendisliğine Giriş	Yes	Yes	2 + 0	2
Total :					22

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
BLG 152	Bilgisayar Programlama	Yes	Yes	2 + 2	3
FIZ114	Fizik II	Yes	Yes	2 + 2	3
MAT114	Matematik II	Yes	Yes	3 + 2	4
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0 + 2	1
[+] 2. Semester Elective Course List					
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
GEOM110	Mühendislik Etiği	No	Yes	2 + 0	2
Total :					20

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GEOM201	Ölçme Bilgisi I	Yes	Yes	3 + 0	3
MAT215	Matematik III	Yes	Yes	2 + 2	3
GEOM203	Trigonometri	Yes	Yes	3 + 0	3
GEOM205	Kartografya	Yes	Yes	2 + 0	2
GEOM207	Bilgisayar Destekli Çizim	Yes	Yes	2 + 2	3
GEOM211	Taşınmaz Hukuku	Yes	Yes	2 + 0	2

[+] 3. Semester Elective Course List

GEOM211	Taşınmaz Hukuku	No	Yes	2 + 0	2
Total :					16

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MAT216	Matematik IV	Yes	Yes	2 + 2	3
GEOM202	Ölçme Bilgisi II	Yes	Yes	3 + 0	3
GEOM212	Geoteknoloji	Yes	Yes	2 + 0	2
GEOM214	Kadastro	Yes	Yes	3 + 0	3
GEOM216	Geoistatistik	Yes	Yes	3 + 0	3
GEOM210	Proje I	Yes	Yes	1 + 2	2
Total :					16

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5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GEOM301	Arazi Yönetim	Yes	Yes	3 + 0	3
GEOM315	Taşınmaz Geliştirme ve Değerleme	Yes	Yes	3 + 0	3
GEOM307	Fotogrametri	Yes	Yes	3 + 0	3
GEOM317	Jeodezi	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 5. Semester Elective Course List

GEOM313	Veritabanı Sistemleri	No	Yes	2 + 0	2
Total :					14

6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GEOM304	Kırsal Arazi Düzenlemesi	Yes	Yes	3 + 0	3
GEOM314	Dengeleme Hesabı	Yes	Yes	3 + 0	3
GEOM306	Uzaktan Algılama	Yes	Yes	3 + 0	3
GEOM310	Proje II	Yes	Yes	2 + 2	3

[+] 6. Semester Elective Course List

GEOM308	Coğrafi Bilgi Sistemleri	No	Yes	3 + 0	3
Total :					15

7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GEOM401	Mühendislik Ölçmeleri	Yes	Yes	3 + 0	3
GEOM403	Karayolu Projesi	Yes	Yes	1 + 2	2
ISL220	Girişimcilik	Yes	Yes	2 + 2	3
GEOM407	Uydu Konumlandırma Sistemi	Yes	Yes	3 + 0	3
GEOM413	İmar Bilgisi ve Uygulamaları	Yes	Yes	3 + 0	3

[+] 7. Semester Elective Course List

GEOM411	Coğrafi Bilgi Sistemleri Uygulamaları	No	Yes	3 + 0	3
Total :					17

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8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GEOM402	Mezuniyet Projesi	Yes	Yes	2 + 2	3
GEOM408	Kentsel Dönüşüm	Yes	Yes	3 + 0	3

[+] 8. Semester Elective Course List

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

GEOM406	Geomatik Mühendisliğinde Proje Yönetimi	Yes	Yes	2 + 0	2
Total :					8
Grand Total					128

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Course Descriptions

GEOM201 Ölçme Bilgisi I (Measurement Information I) (3 credits) The purpose of this course is giving essential knowledge on; Introduction to surveying and history of surveying, basic knowledges (basic principles of surveying), national coordinates networks for Turkey, surveying instruments, angle and distance measurements, measurement errors, area calculation methods of a field, coordinate systems and basic geodetic problems, coordinate calculations, placing and measuring of travers points on the field, travers point calculations, coordinate transformations, point positioning, (resections and free station technique) measurement of geodetic networks by using terrestrial methods. *(This course is given in Turkish.)*

GEOM203 Trigonometri (Trigonometry) (3 credits) The purpose of this course is to introduce; topic of trigonometry, angle and arc units, transformation of angle and arc units to each other, segment and part of a circle. Trigonometric functions of acute angles, relations between trigonometric functions and value of trigonometric functions of some angles. Right triangles and solutions of them, general triangles and solution of them. Basic definitions and theorems related to sphere geometry. Great and small circle, axis and pole of a sphere, spherical distance and spherical angle. Spherical figures, spherical segment, spherical polygon, spherical cap and spherical ring. Spherical triangle, characteristic of a spherical triangles. Trigonometric relations between elements of a spherical triangle. Equations for spherical triangles and solution of them. Spherical coordinate systems; geographical coordinate system, cartesian coordinate system, geodetic rectangular coordinate system, Using of an ellipsoid instead of a sphere in geodetic, Gaussian sphere, reduction of measurements to sphere surface, Transformation between Soldner coordinates and geographical coordinates, Solution of basic geodetic problems using Soldner coordinates, travers calculation on sphere surface, transformation between adjacent grids in Soldner system. *(This course is given in Turkish.)*

GEOM205 Kartografya (Cartography) (2 credits) The purpose of this course is to introduce; map and classification, what is cartography, general rules and expectations, general workflow of mapping, coordinate systems, datum, ellipsoid, concept of map projection, methods, deformations, classification of projection, UTM and Gauss Kruger projections, map sheet division, representing of topography on map, TIN and DEM, representing rules of planimetric features on map, cartographic generalization. *(This course is given in Turkish.)*

GEOM207 Bilgisayar Destekli Çizim (Computer Aided Drawing) (3 credits) The purpose of this course is to introduce basic concepts and explanations. Introduction of CAD software, design techniques, important commands such as plot, query, project, arrange. Layer concept, coloring and naming of layers. Coordinate input, scaling of drawings, Gridding, plotting of polar and prismatic measurements in CAD software, printing of coordinate summary table, adding symbol, text and marks to the plots, plotting in scale. Creating Grid crosses and lines, placing of legends and other information to the map, TIN and linear interpolation, contouring, digitization, preparation of standard map frame. *(This course is given in Turkish.)*

GEOM202 Ölçme Bilgisi II (Measurement Information II) (3 credits) The purpose of this course is to introduce; height concept, height systems, national levelling networks, measurement methods of height differences (methods of levelling) and overview of levelling instruments, geometric levelling, levelling routes, precise levelling, surface levelling, crossing (cross section) levelling, area and volume calculation using cross sections, trigonometric levelling, vertical angle measurement, trigonometric height measurement in short and long distances, trigonometric height determination using reciprocal observation method, GNSS levelling, Details surveying (tachometric surveying) using terrestrial methods (three dimensional polar measurement). *(This course is given in Turkish.)*

GEOM212 Geoteknoloji (Geotechnology) (2 credits) The following topics are introduced; the general structure of the mechanic theodolites, theodolites according to accuracy of angle reading, axes of theodolites, structure of angle reading parts, binocular and observation marks, spherical and spirit level, properties of angle part section. The general structure of the digital theodolites, axes, structure of angle and slope reading, structure of binocular and observations marks, spherical and spirit levels. Electronic distance meters (EDM) and total stations (classic and robotics total stations), general structures, axes, essential of reading angle, distance and height differences of them, structures of their binocular and observation marks, levels. Operation modes, software package programs, recording of data and upload data to computers. Equipments of these instruments (prisms and data record devices). Mechanical levels, general structures of automatic levels, axes, binocular and observation mark of them, levels and staff, digital levels, general structures of digital levels, axes, binocular and observation marks of them, general structures of barcod staff, data recording units of them, software package programs. Laser levels, general structures of laser levels, axes of them. Properties of laser beams, levels and other equipments of them. General structures of GNSS receivers; data recording units, internal and external modems, antennas, uploading of GNSS data to the computers, data processing and adjustment. *(This course is given in Turkish.)*

GEOM214 Kadastro (Cadastre) (3 credits) Introduction to Cadastre, Fundamental Descriptions of Cadastre, Cadastral Applications in the world, Land Titling, Fundamentals of Property, Identifying Processes in Cadastre, Boundary Determination in Cadastre, Results of Cadastre, Cadastre and Land Titling System in Turkey, Forest Cadastre, 3D Cadastre are intended to introduce. *(This course is given in Turkish.)*

GEOM216 Geoistatistik (Geostatistics) (3 credits) The purpose of this course is to introduce; measurements and scale types, series, central tendency measures, variability measures, possibility, discrete and continuous distributions, normal distribution, sampling distributions, frequency analysis and parameter estimation, sampling, error characteristics of observations, error propagation law, statistical estimation, statistical decision, linear correlation, basic and multi linear regression, variance analysis, Shi square testing. *(This course is given in Turkish.)*

GEOM210 Proje 1 (Project I) (2 credits) The purpose of this course is to introduce; introduction to surveying and historical background, general information on principles of ground surveying, Triangulation networks of Turkey, surveying instruments, measurement of angles, measurement of distance, measurement errors, calculation of area (polygon), coordinate systems, basic geodetic problems, coordinate calculations, establishment and measurement of traverse, calculation of traverse network, coordinate transformations, point positioning, terrestrial measurements of geodetic networks. *(This course is given in Turkish.)*

GEOM301 Arazi Yönetimi (Land Management) (3 credits) The purpose of this course is to introduce; Conceptual Framework of Land Management, Land – People Relations, Land Management Theory, Land Markets, Land Use, Marine Management, Spatial Data Infrastructures, Institutional Capacity for Land Management, Land Management Tools, Project Management in Land Management, Land Management in Turkey, Land Management in the world/ *(This course is given in Turkish.)*

GEOM315 Taşınmaz Geliştirme ve Değerleme (Land Valuation and Development) (3 credits) The purpose of this course is to introduce; Overview of the Development Process, Business Ethics, Project and Development Teams, Historical Perspective of Land Development, Market Research, Marketability Studies, Land Acquisition and Control, Land Planning and Siting, Entitlement Process and Public-Private Partnerships, Budgeting – Financial Analysis and Capital Structure, Contractors-Consultants – Construction Contracts, Marketing Focus of Development. *(This course is given in Turkish.)*

GEOM307 Fotogrametri (Photogrammetry) (3 credits) This course will investigate; Introduction to photogrammetry, historical background and development, fundamentals of photogrammetry, coordinate transformations, aerial cameras, image coordinate system, relation between image and ground coordinate system, concept of stereo model, orientations, flight planning, digital photogrammetric systems, aerial triangulation, DEM, orthophoto. *(This course is given in Turkish.)*

GEOM317 Jeodezi (Geodesy) (3 credits) The purpose of this course is to introduce; the shape of the Earth, ellipsoid, geometrical characteristics of ellipsoid, geodetic calculations on ellipsoid, projections on ellipsoid (Helmert and Pizetti Projections), parameters of longitudinal ellipsoid, Ellipsoidal Coordinates, Curvature, Geodetic Curves, Calculations of Meridian Arc Length, Determination of Latitudes from Meridian Arc Length, Area Calculations on Ellipsoid, transformations between Cartesian and Ellipsoidal Coordinates, Cartesian Coordinate System, Gauss-Kruger Projection, UTM Projection. *(This course is given in Turkish.)*

GEOM304 Kırsal Arazi Düzenlemesi (Rural Land Arrangement) (3 credits) This course will investigate; a View on Land Managements and Land-Related Rights, Introduction to Rural Land Arrangements, Land Fragmentation, Land Consolidation, Land Classification, Land Use Capacity Classes, Land Classification according to Law #5403 and Used Indicators, Implementation Process of Rural Land Arrangements, Legislation of Rural Areas in Turkey, History of Land and Agriculture Policy in Turkey, Rural Land Arrangements in the World. *(This course is given in Turkish.)*

GEOM306 Uzaktan Algılama (Remote Sensing) (3 credits) This course will investigate; Introduction to remote sensing, application areas, types of imaging, fundamentals of remote sensing, electromagnetic radiation, interactions of EMR with atmosphere and objects, electromagnetic spectrum, list of basic steps of optical imaging, pre-processing, image enhancement, transformations, image classifications, change detection. *(This course is given in Turkish.)*

GEOM310 Proje 2 (Project II) (3 credits) The purpose of this course is to introduce; Planning of terrestrial measurement for large scale mapping at the garden of campus, establishment of traverse and triangulation points in the project area and preparation of measurement sketch, distance and angle measurements on traverse and triangulation points, levelling on the points, calculations of 3D coordinates, GPS measurements on triangulation points, planimetric feature collection by surveying, preparation of map layout, photogrammetric block preparation and measurement by Erdas Imagine Photogrammetry software, block adjustment, automatic DEM extraction, orthorectification and mosaicking. *(This course is given in Turkish.)*

GEOM314 Dengeleme Hesabı (Balancing Account) (3 credits) The purpose of this course is to introduce; error concept, types of errors, distribution of random errors, covariance and correlation, law of error propagation, adjustment of measurement, adjustment of geometrical levelling network, reliability of geodetic networks, 3D network adjustment, inconsistent measurements, adjusting functions, Helmert and Affin transformations. *(This course is given in Turkish.)*

GEOM401 Mühendislik Ölçmeleri (Engineering Surveying) (3 credits) The purpose of this course is to introduce; the concept of engineering surveying, general principles, application fields, application of points between two blind points by means of traverse network, application concept, rölöve and cadastral application, digital elevation models for geodetic applications, profile-plan applications, volume and polygon calculations, parcel dividing and border amendments, road network and horizontal/vertical curve calculation, designing, measurement and calculation of micro geodetic networks, applications of engineering projects and slope calculation, underground observations and tunnel applications, checking

and deformation measurements at engineering structures, hydrographical measurements. *(This course is given in Turkish.)*

GEOM407 Uydu Konumlandırma Sistemi (Satellite Positioning System) (3 credits) The purpose of this course is to study; Introduction to GNSS (GPS, GLONASS, Galileo and others), Reference Systems, World Geodetic System - 1984 (WGS84), Local coordinate systems, Height Systems and Geoid, Transformation among coordinate reference systems, Introduction to International Terrestrial Reference System (ITRF), GNSS satellite orbits, Operational Principles of GNSS, GNSS Units, Advantages and Drawbacks of GNSS, GNSS Measurements, Observed GNSS Amplitudes and Data Formats, GNSS Measurement Techniques, Analysis on GNSS Networks, Satellite ephemerides. *(This course is given in Turkish.)*

GEOM413 İmar Bilgisi ve Uygulamaları (Development Plan Applications) (3 credits) Land Management and Planning, Development Legislation, Terms in Cadastre-Property and Development Plans, Expropriation, Application by Demand, Land Arrangements *(This course is given in Turkish.)*

GEOM412 Kentsel Dönüşüm (Urban Regeneration) (3 credits) Urban Land Management, Urban Land Arrangements in Turkey, Urban Regeneration Paradigm, Urban Regeneration Models, Urban Regeneration in the World, Urban Regeneration Process, Urban Regeneration Model with Participation and Distribution, Urban Regeneration Project Design *(This course is given in Turkish.)*

TRD101 Türk Dili-I (Turkish Language I) (2 credits) *(See General Education)*

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution I) (2 credits) *(See General Education)*

BLG152 Bilgisayar Programlama (Computer Programming) (3 credits) *(See General Education)*

FIZ113 Fizik-I (Physics I) (3 credits) *(See General Education)*

MAT113 Matematik I (Mathematics I) (4 credits) *(See General Education)*

TRD102 Türk Dili-II (Turkish Language II) (2 credits) *(See General Education)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution II) (2 credits) *(See General Education)*

FIZ114 Fizik-II (Physics II) (3 credits) *(See General Education)*

MAT114 Matematik II (Mathematics II) (4 credits) *(See General Education)*

MAT215 Matematik III (Mathematics III) (3 credits) *(See General Education)*

MAT216 Matematik IV (Mathematics IV) (3 credits) *(See General Education)*

ISL220 Giriřimcilik (Entrepreneurship) (3 credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production, business ethics will also be examined. The original side of this course is business people' sharing their experience with students. *(This course is given in Turkish.)*

KYP001 Kariyer ve Yařam (Career and Life Planning) (1 credits) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish.)*

ELECTIVES

GEOM101 Geomatik Mühendisliđine Giriř (Introduction to Geomatics Engineering) (2 credits) Introduction to geomatics introduces the student to the art, science, and technologies used in the determination of positions above, on, or beneath the earth's surface. Students will gain the ability to understand and apply methods and use instruments to make measurements and collect data for determining horizontal distances; differences in elevation and direction; angular differences; determining locations on the earth's surface; and calculating areas and volumes. The student will develop their own and utilize pertinent computer tools in calculating, analyzing, and correcting data. Students will be introduced to the science of geodesy and the art of cartography; traverse and control surveys; Global Navigation Satellite Systems; surveying technology and methods; land surveys and deed descriptions; and using maps and geographic information systems to turn survey data into useful information. The course will strive to instill an appreciation for the work performed by surveyors, geodesists, and geographers, cartographers and their importance to practice of engineering. *(This course is given in Turkish.)*

GEOM110 Mühendislik Etiđi (Engineering Ethics) (2 credits) This course will investigate the introduction to the subjects, references, ethic concept and historical development, ethic in engineering, ethic rules of TMMOB (Chamber of Engineers and Architects), sample case-1: Challenger Space Shuttle accident, solutions of ethical problems, sample case-2: Ford-Pinto accidents, ethical principles at universities, responsibilities and behavior rules, sample case-3: Hyatt Regency disaster, Kansas City), ethics in scientific research and publications, handling of ethical problems. *(This course is given in Turkish.)*

GEOM211 Tařınmaz Hukuku (Real Estate Law) (2 credits) The purpose of this course is to introduce; the rules of social life (rules of religion, morality, convenances and law), sections of law, rights, types of rights, protecting of rights, law of persons, family, inheritance, goods, obtaining rules of real estate propriety, Law of Development. *(This course is given in Turkish.)*

GEOM313 Veritabanı Sistemleri (Database Systems) (2 credits) Concepts of database and database management systems, components of DBMS, data models, relational database management system MS SQL Server, SQL commands and functions, spatial database, ArcCatalog, datasets, feature class, subtype and domains, practical applications will be the topics examined in that course. *(This course is given in Turkish.)*

GEOM308 Coğrafi Bilgi Sistemleri (Geographical Information Systems) (3 credits) This course will investigate the scope and influence of Geographical Information Systems (GIS), components of GIS, data models and data acquisition methods, data management, analysis and presentations. *(This course is given in Turkish.)*

GEOM411 Coğrafi Bilgi Sistemleri Uygulamaları (Geographical Information Systems applications) (3 credits) This course will investigate the overview of GIS, Why do we need GIS?, to underline the importance by means of different examples, introduction to ArcGIS and loading application data, data formats, examining of vector and raster data, application of symbology, georeferencing of raster data, vector data collection on orthophoto, preparation of map layout, data query, CAD data transformation, creating TIN and contour lines, Lidar data monitoring, applications of ArcScene and ArcGlobe, density analysis, buffer and overlay analysis. *(This course is given in Turkish.)*

GEOM403 Karayolu Projesi (road project) (2 credits) This course will investigate the historical development of roads, classification, related definitions. Definition of geometrical standards of roads; Project speed, Project traffic, expected traffic, max. Traffic per hour, standards in Turkey. Network and plan; to be considered subjects in roading step. Road application on a map consisting contour lines. Curve and acceleration concepts, geometrical elements of roads. Profile and cross section, Bruckner calculation. Establishment of a complete road project by a CAD software. Planning of city roads, bordures and parking lots on the roads. *(This course is given in Turkish.)*

GEOM406 Geomatik Mühendisliğinde Proje Yönetimi (Project Management in Geomatics Engineering) (2 credits) This course will investigate the definition and classification of Projects, contents of project management and checking, specifications of projects, incomes of project management, characteristics of project manager, project management process, feasibility study, project planning, GANTT chart, estimation of time-staff-cost, basic following steps of large scale mapping projects, preparation of project plan on a sample senario and calculation of unit cost. *(This course is given in Turkish)*

Industrial Engineering (Turkish) (English)

About Program

Industrial engineering is a form of systems engineering. Here the systems in question are production systems, inclusive of services production. The design, management, and improvement of production systems are the basic tasks of the industrial engineer. Man, machine, material, method, and environment, which are known as the basic factors of production, are managed in an optimal way to ensure corporate success. The systems approach and process management are the bases upon which this is achieved. Industrial engineers are equipped with scientific tools such as statistics, simulation, operations research/optimization, planning, and in particular production planning, work systems analysis and design, quality engineering tools and total quality management, and productivity management. They are furthermore expected to be capable of planning, evaluation, and research & development, too. In addition to these scientific methods, industrial engineers are expected to have some knowledge of financial/business administration. Significant contributions to business success are achieved through the use of diagnosis and prevention-oriented studies. All the tools of information technologies (management information systems, computer integrated manufacturing, etc.) are actively applied in all branches of industrial engineering. Our education program includes the opportunity to take part in two summer internships addressing the topics of computer applications in the field of industry and industrial engineering. Students graduate with the title of “Industrial Engineer.”

Objectives

Industrial Engineering department aims to enable students to acquire knowledge and skills as to bring analytical solutions to problems both in manufacturing and service sectors, to design, plan and manage efficient, effective and sustainable product and service system processes. The total credits required for the satisfactory completion of the curriculum are 127 credits. The program additionally requires two internships each enduring 20 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH113	Mathematics I	Yes	Yes	3 + 2	4
IE101	Introduction to Industrial Engineering	Yes	Yes	2 + 0	2
PHYS113	Physics-I	Yes	Yes	2 + 2	3
ATA111	History Of Turkish Revolution I	Yes	Yes	2 + 0	2
TRD111	Turkish I	Yes	Yes	2 + 0	2
CHM101	Chemistry	Yes	Yes	3 + 0	3
CLP001	Career And Life Planning	Yes	Yes	0 + 2	1

[+] 1. Semester Elective Course List

	Foreign Language Elective	No	Yes	2 + 2	3
Total :					20

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH114	Mathematics II	Yes	Yes	3 + 2	4
CMPE152	Computer Programming	Yes	Yes	2 + 2	3
PHYS114	Physics-II	Yes	Yes	2 + 2	3
ATA112	History of Turkish Revolution II	Yes	Yes	2 + 0	2
TRD112	Turkish II	Yes	Yes	2 + 0	2
ECO152	Economics	Yes	Yes	3 + 0	3

[+] 2. Semester Elective Course List

	Foreign Language Elective	No	Yes	2 + 2	3
Total :					20

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH265	Probability & Statistics I	Yes	Yes	3 + 0	3
AFM253	Financial and Cost Accounting	Yes	Yes	3 + 0	3
MATH215	Mathematics III	Yes	Yes	2 + 2	3
BUS220	Entrepreneuership	Yes	Yes	2 + 2	3

[+] 3. Semester Elective Course List

	University Elective / Foreign Language Elective	No	Yes	3 + 0	3
IE261	System Dynamics	No	Yes	3 + 0	3
IE263	Research, Reporting and Computing Techniques	No	Yes	3 + 0	3
Total :					18

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH266	Probability and Statistics - II	Yes	Yes	3 + 0	3
IE220	Materials And Processes In Manufacturing	Yes	Yes	2 + 0	2
MATH216	Mathematics IV	Yes	Yes	2 + 2	3
ME201	Computer Aided Technical Drawing	Yes	Yes	2 + 2	3

[+] 4. Semester Elective Course List

	University Elective / Foreign Language Elective	No	Yes	3 + 0	3
IE222	Ergonomics	No	Yes	3 + 0	3
Total :					17

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
IE301	Operations Research I	Yes	Yes	3 + 0	3
IE315	Quality Engineering	Yes	Yes	3 + 0	3
IE305	Production Planning I	Yes	Yes	3 + 0	3
IE311	Work Analysis And Design	Yes	Yes	3 + 0	3

[+] 5. Semester Elective Course List

IE365	Occupational Health and Safety	No	Yes	3 + 0	3
Total :					15

6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
IE302	Operations Research II	Yes	Yes	3 + 0	3
IE316	Engineering Economy	Yes	Yes	3 + 0	3
IE306	Production Planning II	Yes	Yes	3 + 0	3
IE308	Simulation	Yes	Yes	3 + 0	3

[+] 6. Semester Elective Course List

IE364	Project Management	No	Yes	3 + 0	3
IE384	Special Topics in IE II	No	Yes	3 + 0	3
Total :					18

7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
IE401	Graduation Project I	Yes	Yes	0 + 2	1
IE405	Facility Planning	Yes	Yes	3 + 0	3
IE406	Computer Integrated Manufacturing	Yes	Yes	2 + 0	2

[+] 7. Semester Elective Course List

IE461	Management for Engineers	No	Yes	3 + 0	3
Total					9

*C: Compulsory
 **A: Average
 *** L + P: Lecture + Practice

8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
IE408	Graduation Project II	Yes	Yes	0 + 2	1
[+] 8. Semester Elective Course List					
IE476	Operational Strategic Planning	No	Yes	3 + 0	3
IE463	Enterprise Resource Planning	No	Yes	3 + 0	3
IE472	Technology Management	No	Yes	3 + 0	3
Total :					10
Grand Total					127

*C: Compulsory
 **A: Average
 *** L + P: Lecture + Practice

Course Descriptions

MATH113 Mathematics I (4 credits) (*See General Education*)

IE101 Introduction to Industrial Engineering (2 credits) This course introduces industrial systems to the students. Specifically, it deals with design of industrial systems. Before any detailed work on industrial systems can be done, one needs to understand the design of such systems with a system review, paying special attention to the relationships between parts and management of design of industrial systems.

PHYS113 Physics I (3 credits) (*See General Education*)

ATA111 History of Turkish Revolution I (2 credits) (*See General Education*)

TRD111 Turkish Language I (2 credits) (*See General Education*)

CHM101 Chemistry (3 credits) (*See General Education*)

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

MATH114 Mathematics II (4 credits) (*See General Education*)

CMPE152 Computer Programming (3 credits) (*See General Education*)

PHYS114 Physics II (3 credits) (*See General Education*)

ATA112 History of Turkish Revaluation II (2 credits) (*See General Education*)

TRD112 Turkish Language II (2 credits) (*See General Education*)

ECO152 Economics (3 credits) This course is designed to help students develop a basic understanding of economic principles and issues prior to enrolling in a principle of microeconomics or macroeconomics course. It develops their economic literacy and teaches them how economics relates to the everyday life of individuals, businesses and society in general. It will also introduce students to the role different levels of governments play in influencing the economy.

MATH265 Probability & Statistics I (3 credits) (*See General Education*)

AFM253 Financial and Cost Accounting (3 credits) The objective of the course is exploring the importance of using cost and financial accounting data in decision-making. Students are introduced to

the importance of such data to decision-making by discussing the principles and basic applications of cost and financial accounting.

MATH215 Mathematics III (3 credits) *(See General Education)*

BUSS220 Entrepreneurship (3 credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production, business ethics will also be examined. The original side of this course is business people' sharing their experience with students.

MATH266 Probability & Statistics II (3 credits) *(See General Education)*

IE220 Materials And Processes In Manufacturing (2 credits) This course will investigate materials atomic structure, types, mechanical properties of materials, and all types of manufacturing processes (Machining, Powder Metalurgy Technique, Welding, Plastic Shaping, casting,).

MATH216 Mathematics IV (3 credits) *(See General Education)*

ME201 Computer Aided Technical Drawing (3 credits) Technical Drawing with AutoCAD concept, perspective projections and types, orthographic projection, isometric drawing, oblique drawing, sectioning of the objects, dimensioning, and solid drawing.

IE301 Operations Research I(3 credits) Definition of operation research (OR), emergence of OR, steps of OR, Basic concepts and mathematical model types, Decision-making process, Decision-making under certainty Decision-making under uncertainty, Decision-making under risk Optimization concept, and linear programming, Development of linear programming models. Solving linear programming models with the graphical method, Solving linear programming model with the Simplex Algorithm Artificial starting solution in the simplex algorithm, M method, Two-Phase method Specific situations encountered in the simplex method applications Matrix representation of standard linear programming problem, Display of basis with vectors, Basic solutions Matrix form of generalized simplex tableau, Duality, Dual simplex method, Network Models.

IE315 Quality Engineering (3 credits) Quality-Quality Control-Quality Management-Quality Engineering, Total Quality Management, Quality management system standards, Processes-Processes Management-Statistical Processes Control, Processes capability analysis and control schemes, Quantitative control charts, Qualitative control charts, Other special control schemes (Regression), Acceptance Sampling, One and two-stage sampling, Multi-stage and serial sampling, Quality improvement – Kaizen and Six Sigma, Quality economics

IE305 Production Planning I (3 credits) This course aims to enable students to gain technical knowledge about production systems and their related basic classifications and medium-term planning techniques so as to be able to use and develop them. Production systems concepts, production management system and subsystems, production planning activities and periodic classification, demand forecasting and techniques, aggregate production planning.

IE311 Work Analysis And Design (3 credits) The purpose of this course is to give main idea to the students of man-machine system design. To increase productivity and efficiency and using reliable Industrial Engineering methods are also to take into consideration.

IE302 Operations Research II (3 credits) Integer Programming modeling techniques. Branch and bound technique. Cutting plane algorithm. Non-linear programming modeling techniques. Quadratic and separable programming. Goal programming and solution techniques. Dynamic programming. Assembling line balancing and solutions. *Prerequisite: IE301*

IE316 Engineering Economy (3 credits) The focus of this course is to provide understanding on engineering economic principles and methods and to apply it in engineering field. The field of Engineering Economy is concerned with the systematic evaluation of the benefits and costs of different projects in order to select the preferable alternative among several technically viable ones using quantitative techniques.

IE306 Production Planning II (3 credits) Capacity Planning, Inventory Planning, Work Sequencing and Short Term Scheduling *Prerequisite: IE305*

IE308 Simulation (3 credits) The aim of this course an introduction to modeling and simulation, covering continuum methods, atomistic and molecular simulation, and quantum mechanics. Hands-on training is provided in the fundamentals and applications of these methods to key engineering problems. The lectures provide exposure to areas of application based on the scientific exploitation of the power of computation. We use web based applets for simulations, thus extensive programming skills are not required.

IE401 Graduation Project I (1 credit) The Senior Project is intended to be a capstone experience that draws on the previous three years of course work. The Senior Project should therefore be sufficient in scope and technical content in order to expose students' technical competence developed during their education at Okan University.

IE405 Facility Planning(3 credits) The purpose of this course is to teach concepts of facility layout design and facility location planning. To achieve this, we first teach basic concepts and methods for planning. Second phase of the course includes algorithmic approaches and mathematical programming models.

IE406 Computer Integrated Manufacturing (2 credits) Management concept and management activities, management levels in enterprises, importance of information, properties and organization, computer aided information systems, properties of information systems, data source management, basic information systems, functional enterprise information systems, information systems according to the responsibility levels, information management, artificial intelligence and management decision supports.

IE408 Graduation Project II (1 credit) The Senior Project is intended to be a capstone experience that draws on the previous three years of course work. The Senior Project should therefore be sufficient in scope and technical content in order to expose students' technical competence developed during their education at Okan University. *Prerequisite: IE401*

ELECTIVES

IE261 System Dynamics (3 credits) The course uses systems thinking to study the patterns of behavior we observe in real-world businesses, markets, economies, ecosystems, and human interactions and how these patterns relate to the structure of the underlying systems. It aims to enable students to gain technical knowledge about systems and complex systems, structure and behavior of dynamic systems, modeling and simulation process of such systems.

IE263 Research, Reporting And Computing Techniques (3 credits) This course aims to enable students to improve their data collection, analysis, literature review and academic writing skills.

IE222 Ergonomics (3 credits) The aim of this course is to give to the students the main concepts of man-machine systems to study ergonomic problems in different areas. To be equated with physical cognitive managerial and organizational ergonomics.

IE365 Occupational Health And Safety (3 credits) It is aimed in this course that basic information in creating awareness of students on subject. Especially legal aspects and technical sides of the subject will be introduced to the students. Basic knowledge of work accidents and occupational diseases and protection measures will be taught.

IE364 Project Management (3 credits) Teaching contemporary project management techniques that are used for project planning, execution and control in project-based organizations and provide substantial saving from time and cost.

IE461 Management For Engineers (3 credits) Introduction to engineering management, engineering challenges and skills required of managers, organizational dependency, hybrid structures, the planning process, the planning system types, gradual approach, integrated project planning. WBS matrix task, task list, job description, specifications, evaluation and control of engineering activities.

IE476 Operational Strategic Planning (3 credits) Teaching contemporary project management techniques that are used for project planning, execution and control in project-based organizations and provide substantial saving from time and cost.

IE463 Enterprise Resource Planning (3 credits) This course aims to explain how the fundamental business processes interact with SAP ERP in the functional departments of Sales & Distribution, Materials Management, Production Planning, Financial Accounting, Management Accounting, and Human Capital Management.

IE472 Technology Management (3 credits) General concepts related to technology. Management of technology and science parks. The role of technology in managing information technology. Virtual companies and organizations cyberspace. Technology transfer.

Mechanical Engineering

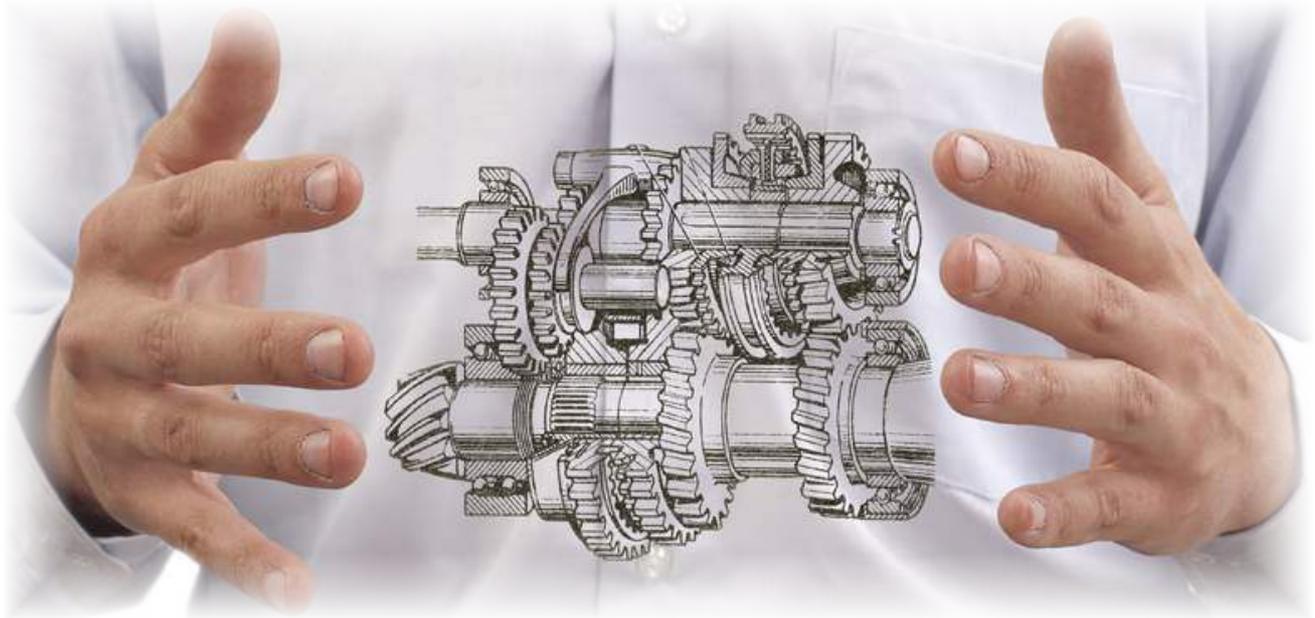
About Program

Mechanical Engineers work in many different areas, such as heating, cooling, automotive, and installation. As the university closest to the business world, we at Okan educate our students in those areas most sought after by employers. People's demand for energy is constantly on the rise. In the future there will be increasingly high demand for mechanical engineers that work in this area. Therefore, this particular area is a special focus of our program. The automotive industry in our country is constantly growing. In our Automotive Engineering Program, we graduate engineers who are ready to work in this area. According to the Mechanical Engineers Association of Turkey, there is high demand for mechanical engineers in the manufacturing industry of Turkey. Our department therefore places special emphasis on this area as well.

Today, machines do not consist of mechanical parts alone. They also consist of electronic parts. Therefore, in our program, we teach our students about the important area of mechatronics. The language of education in this department is English. One reason for this is that English is the common language of science. The amount of relevant educational literature available in Turkish is limited, while an abundance of literature exists in English. Quality education in this field thus necessarily must be provided in the English language. Furthermore, employers are looking for employees who know English. Moreover, it is especially important to know English for those who work for international companies and companies that do work outside the country.

Objectives

The program aims to provide a quality, well-rounded education in engineering science and design, and to prepare graduates who will be effective contributors to the Mechanical Engineering profession within a short time after their graduation. The total credits required for the satisfactory completion of the curriculum are 127 credits. The program additionally requires two internships each enduring 20 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA111	History Of Turkish Revolution I	Yes	Yes	2 + 0	2
CHM101	Chemistry	Yes	Yes	3 + 0	3
ME101	Introduction to Mechanical/Automotive Engineering	Yes	Yes	3 + 0	3
PHYS113	Physics-I	Yes	Yes	2 + 2	3
TRD111	Turkish I	Yes	Yes	2 + 0	2
MATH113	Mathematics I	Yes	Yes	3 + 2	4
[+] 1. Semester Elective Course List					
	Foreign Language Elective	No	Yes	2 + 2	3
Total :					20

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA112	History of Turkish Revolution II	Yes	Yes	2 + 0	2
PHYS114	Physics-II	Yes	Yes	2 + 2	3
TRD112	Turkish II	Yes	Yes	2 + 0	2
MATH114	Mathematics II	Yes	Yes	3 + 2	4
ME102	Statics For Mechanical Engineers	Yes	Yes	3 + 0	3
CLP001	Career And Life Planning	Yes	Yes	0 + 2	1
[+] 2. Semester Elective Course List					
	Foreign Language Elective	No	Yes	2 + 2	3
Total :					18

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ME201	Computer Aided Technical Drawing	Yes	Yes	2 + 2	3
ME203	Engineering Materials	Yes	Yes	2 + 2	3
MATH215	Mathematics III	Yes	Yes	2 + 2	3
ME214	Thermodynamics I	Yes	Yes	3 + 0	3

[+] 3. Semester Elective Course List

	University Elective	No	Yes	3 + 0	3
Total :					15

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ME210	Mechanics of Materials I	Yes	Yes	3 + 0	3
ME212	Computer Aided Mechanical Design	Yes	Yes	2 + 2	3
MATH216	Mathematics IV	Yes	Yes	2 + 2	3
CMPE152	Computer Programming	Yes	Yes	2 + 2	3

[+] 4. Semester Elective Course List

	University Elective	No	Yes	3 + 0	3
Total :					15

5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EEE201	Circuit Analysis	Yes	Yes	3 + 0	3
ME313	Systems and Control	Yes	Yes	3 + 0	3
ME303	Mechanical Experiment Lab I	Yes	Yes	2 + 2	3
ME305	Machine Design I	Yes	Yes	3 + 0	3
ME307	Fluid Mechanics I	Yes	Yes	3 + 0	3
ME309	Dynamics	Yes	Yes	3 + 0	3
Total :					18

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

*C: Compulsory

6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ME302	Heat Transfer I	Yes	Yes	3 + 0	3
ME310	Theory of Machines	Yes	Yes	3 + 0	3
ME312	Manufacturing Techniques	Yes	Yes	3 + 0	3
ME306	Machine Design II	Yes	Yes	3 + 0	3
Total :					15

7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
BUS220	Entrepreneuership	Yes	Yes	2 + 2	3
ME405	Mechanical Experimental Lab II	Yes	Yes	2 + 2	3

[+] 7. Semester Elective Course List

ME451	Engineering Applications of Dynamics	No	Yes	3 + 0	3
ME453	Thermodynamics II	No	Yes	3 + 0	3
ME455	Fluid Mechanics II	No	Yes	3 + 0	3
ME457	Mechanics of Materials II	No	Yes	3 + 0	3
ME461	Systems and Control II	No	Yes	3 + 0	3
ME491	Special Topics in Mechanical Engineering	No	Yes	3 + 0	3
AUTO407	Vehicle Dynamics	No	Yes	3 + 0	3
AUTO471	Automotive Body and Interior Design	No	Yes	3 + 0	3
AUTO473	Automotive Aerodynamics and Thermal Systems	No	Yes	3 + 0	3
AUTO301	Vehicle Development Fundamentals	No	Yes	3 + 0	3
Total :					15

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ME404	Graduation Project	Yes	Yes	2 + 0	2
[+] 8. Semester Elective Course List					
ME452	Vibration	No	Yes	3 + 0	3
ME454	Mechanical Behavior of Materials	No	Yes	3 + 0	3
ME456	Heat transfer II	No	Yes	3 + 0	3
ME458	Introduction to Finite Element Analysis	No	Yes	3 + 0	3
ME460	HVAC	No	Yes	3 + 0	3
ME461	Systems and Control II	No	Yes	3 + 0	3
ME455	Fluid Mechanics II	No	Yes	3 + 0	3
AUTO407	Vehicle Dynamics	No	Yes	3 + 0	3
AUTO471	Automotive Body and Interior Design	No	Yes	3 + 0	3
AUTO473	Automotive Aerodynamics and Thermal Systems	No	Yes	3 + 0	3
AUTO301	Vehicle Development Fundamentals	No	Yes	3 + 0	3
Total :					11
Grand Total					127

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

MATH113 Mathematics I (4 credits) *(See General Education)*

ATA111 History of Turkish Revolution I (2 credits) *(See General Education)*

PHYS113 Physics-I (3 credits) *(See General Education)*

TRD111 Turkish Language I (2 credits) *(See General Education)*

ME101 Introduction to Mechanical / Automotive Engineering (3 credits) The objective of this course is to cover history and emergence of mechanical and automotive engineering. Basic concepts and subjects, fields of work, qualifications and skills of mechanical and automotive engineers, an overview of the mechanical and automotive engineering curriculums at Okan University.

CHM101 Chemistry (3 credits) *(See General Education)*

MATH114 Mathematics II (4 credits) *(See General Education)*

ATA112 History of Turkish Revaluation II (2 credits) *(See General Education)*

PHYS114 Physics-II (3 credits) *(See General Education)*

TRD112 Turkish Language II (2 credits) *(See General Education)*

ME102 Statics for Mechanical Engineers (3 credits) The purpose of Statics for Mechanical Engineers course at Okan University includes; Vectors, forces, rectangular components, moment, couple, resultant. Two and three dimensional force systems. Equilibrium in two and three dimensions. Free body diagram. Plane trusses. Method of joints. Method of sections, space trusses, frames and machines. Centers of mass and centroids. Cables. Friction. Virtual work.

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

MATH215 Mathematics III (3 credits) *(See General Education)*

ME201 Computer Aided Technical Drawing (3 credits) The Purpose of this course is to understand Technical Drawing with AutoCAD concept, perspective projections and types, orthographic projection, isometric drawing, oblique drawing, sectioning of the objects, dimensioning, and solid drawing,

ME203 Engineering Materials (3 credits) This course will investigate the techniques to classify different kinds of materials in nature and specify the importance of these materials in science and engineering. Discussions will range from key concepts to useful material resources. Among the topics covered are: Classification of materials, atomic structure and interatomic bonding, the structure of crystalline solids, crystalline and noncrystalline materials, imperfections in solids, mechanical properties of materials, phase diagrams and phase transformations, metal alloys, structure and properties of ceramics, polymers and composites; electrical, magnetic, thermal and optical properties of materials. Performance of materials in service.

ME205 Thermodynamics I (3 credits) The purpose of this course to introduce the student basic concepts of thermodynamics; such as properties of pure substances with phase changes, energy transfer by heat, work and mass, 1st Law of Thermodynamics in open and closed systems, 2nd Law of Thermodynamics, and Entropy. This course is designated to provide the knowledge necessary to move from the role of a student to that of an engineer. The focus is directed toward the legal, ethical and professional responsibilities of an engineer. *Prerequisite: PHYS113, PHYS114*

MATH216 Mathematics IV (3 credits) (*See General Education*)

ME210 Mechanics of Materials I (3 credits) The objective of this course is to cover axially loaded bars, analysis of stress and strain, Mohr's circle, torsion, transverse loading of beams, stresses in beams, deflection of beams, design of shafts and beams under combined loading, statically indeterminate problems, and energy methods.

ME212 Computer Aided Mechanical Design (3 credits) The purpose of this course is to introduce to the basic 3D solid modeling, sketching, and assemblies of mechanical parts by using SolidWorks. The course material will consist of the combination of two parts. Part I covers the principles of SolidWorks, simple and advanced part modeling approaches, assembly modeling, drawing, and integrating SolidWorks with AutoCAD drawings. Part II covers the applications of SolidWorks in manufacturing processes and mechanical systems. The manufacturing processes applications include mold design, screw threaded parts design, spring design, and welding drawings. The mechanical systems applications will include parts like: pipes, gears, pulleys, belts, chains, vents, cams, linkages and springs, hinges, threads and fasteners. This course is designed to provide the student with a clear and thorough description as introduction to 3D Mechanical Design by using SolidWorks. This course is designed to provide the student with a clear and thorough demonstration of technical drafting and design by using SolidWorks program. The course includes theory and lab classes. Materials covered in this course are crucial to subsequent courses in the engineering curricula. Up on successful completion of this course, students will be able to cover the following subjects. *Prerequisite: ME201*

CMPE152 Computer Programming (3 credits) (*See General Education*)

ME303 Mechanical Experimental Lab I (3 credits) This course is designed to provide the student with a clear and through description as basics of engineering experiments and measurement systems. Materials covered in this course are crucial to subsequent courses in the engineering curricula. The course discusses quantitatively the components of a measurement system.

ME305 Machine Design I (3 credits) This course will investigate the techniques to classify and analyze different kinds of machine elements. Various design criteria of machine elements will be discussed thoroughly. Discussions will range from key concepts to useful material resources. Among the topics covered are: Review of load analysis, materials, stress and strain. Types of failures, fracture

mechanics, static failure theories, stress theories, modified Mohr theory, safety factors, reliability. Linear, bending and torsional impact. Fatigue for elements under torsional, bending and axial stress. Influence of surface and size on fatigue strength. Fatigue life with random varying loads. Surface damage with corrosion, adhesive and abrasive wear. Surface fatigue failures.

ME307 Fluid Mechanics I (3 credits) The purpose of the Fluid Mechanics I course at Okan University includes; Hydrostatics, kinematics of flow, continuity equation, Euler's and Bernoulli's equations, viscous flow equations, head loss in ducts and piping systems, momentum theorems, dimensional analysis and similitude, potential flow, circulation and vorticity.

ME309 Dynamics (3 credits) The objective of this course is to cover dynamics of particles: rectilinear and curvilinear motion. Newton's laws, momentum and angular momentum methods, work and energy, system of particles, dynamics of rigid bodies in plane motion; kinematics, work and energy methods for rigid bodies.

ME313 Systems and Control (3 credits) Modeling in time domain and frequency domain, time response, stability, steady state errors, block diagrams, root locus and frequency techniques, design by root locus and frequency techniques.

EEE201 Circuit Analysis (3 credits) The purpose of this course is to introduce following topics: Physical electrical circuits. Modeling and measurements of currents and voltages in physical circuits. Definitions of charge, flux, power and energy and modeling their waveforms. Kirchoff's Laws: current and voltage equations. Independent sets of current and voltage equations. Ideal 2-terminal and multi-terminal circuit elements: linear and nonlinear resistors, inductors and capacitors. Modeling of physical elements. Small signal analysis. Solution of resistive circuits: node voltage and mesh current methods. Network theorems. Solution of dynamic circuits: responses of first and second order dynamic circuits.
Prerequisites: MATH113

ME302 Heat Transfer I (3 credits) The purpose of this course is designed to provide the student with a clear and thorough description as introduction to Heat Transfer. Materials covered in this course are crucial to subsequent courses in the engineering curricula. The course discusses quantitatively the three main modes of heat transfer, which are conduction, convection, and radiation. A combined approach will be followed that will stress both the fundamentals of the rigorous differential description of the involved phenomena and the empirical correlations used for engineering design.
Prerequisite: MATH113, MATH114, ME205

ME306 Machine Design II (3 credits) This course will investigate the techniques to classify and analyze different kinds of machine elements. Various design criteria of machine elements will be discussed thoroughly. Discussions will range from key concepts to useful material resources. Among the topics covered are: Threaded fasteners and power screws. Rivets, welding and bonding. Springs. Lubrication and sliding bearings. Rolling element bearings. Spur gears: gear force analysis, gear tooth strength, gear tooth durability, gear tooth fatigue analysis and gear materials. Helical, bevel and worm gears. Shafts and associated parts. Clutches and brakes. Machines components such as flat belts, V-belts, toothed belts, roller chains, inverted tooth chains, fluid couplings and hydrodynamic torque converters. *Prerequisites: ME305*

ME310 Theory of Machines (3 credits) This course is designed to provide the student with a clear and thorough description as introduction to Theory of Machines. Materials covered in this course are crucial to subsequent courses in the engineering curricula. The course discusses quantitatively planar

mechanisms, degree of freedom, kinematic analysis of mechanisms, dynamic analysis of mechanisms, virtual work, differential equation of mechanisms, balancing of rotating components, balancing of linkages, flywheel calculation, cams. *Prerequisites: ME309*

ME312.Manufacturing Techniques (3 credits) The objective of this course is to cover manufacturing technology concept, manufacturing processes, casting, welding, plastic forming methods of metals and machining methods, sintering. Forming of ceramics, plastics and composites

ME314 Principles of Mechatronics (3 credits) The objective of this course is to be a general introduction to all the topics of mechatronics. Basic applied concepts in mechatronic components and instruments. Sensors and transducers, machine vision, actuating devices. Information and cognitive systems, hardware components for mechatronics. Laboratory experiments on identification and classification of mechatronic components.

ME405 Mechanical Experimental Lab II (3 credits) Weekly experiments from different areas of mechanical engineering. A weekly report is written for every experiment.

BUS220 Entrepreneurship (3 credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production, business ethics will also be examined. The original side of this course is business people' sharing their experience with students.

ME404.Graduation Project (2 credits) This course is designated to provide the student the procedure for design of an engineering structure and presentation.

ELECTIVES

ME453 Thermodynamics II (3 credits) The purpose of this course to provide the student with a clear and thorough applications of Thermodynamics to the practical projects. Materials covered in this course are crucial to subsequent courses in the engineering curricula. *Prerequisites: ME205*

ME455 Fluid Mechanics II (3 credits) The purpose of the Fluid Mechanics II course at Okan University includes; Introduction to turbomachinery. Head loss. Kinematics of flow in a turbomachine. Velocity triangles. Impulse turbine. Axial and radial flow machines. The affinity laws. Some design aspects of turbomachines, linear and radial cascades. Cavitation. *Prerequisites: ME307*

ME461 Systems and Control II (3 credits) The objective of this course is to cover linear algebra review, state-space modeling, controllability, observability, minimal realizations, stability, design using linear state feedback control laws, observers, introduction to optimal control.

ME456 Heat transfer II (3 credits) The purpose of this course is to provide the student with a clear and thorough description as introduction to Heat Transfer. Materials covered in this course are crucial to subsequent courses in the engineering curricula. The course discusses quantitatively the three main

modes of heat transfer, which are conduction, convection, and radiation. A combined approach will be followed that will stress both the fundamentals of the rigorous differential description of the involved phenomena and the empirical correlations used for engineering design. *Prerequisites: ME302*

ME458 Introduction to Finite Element Analysis (3 credits) The purpose of this course is to study the application of finite element methods to different mechanical engineering areas. These areas include stress analysis, heat transfer and fluid flow.

ME460 HVAC (3 credits) The purpose of the HVAC, Heating, Ventilation and Air Conditioning course at Okan University includes; Air-conditioning systems, moist air properties and conditioning processes, comfort and health-indoor environmental quality, heat transmission in building structures, space heating load, solar radiation, the cooling load, energy calculations and building simulation, flow, pumps and piping design, space air diffusion, fans and building air distribution, direct contact heat and mass transfer, extended surface heat exchangers, refrigeration. *Prerequisites: ME205*

AUTO407 Vehicle Dynamics (3 credits) The objective of this course is to cover tire modeling, longitudinal vehicle dynamics, driveline dynamics, lateral vehicle dynamics (kinematic model, bicycle model, stability), suspension modeling (suspension kinematics, camber, quarter car model, half car model, vibration, frequency response), roll dynamics (roll angle, anti-roll bars, roll-over), steering mechanism (Ackermann steering) hydraulic boost, electric boost, caster angle, toe angle), trailer dynamics, trailers with steering.

AUTO471 Automotive Body and Interior Design (3 credits) The objective of this course is to introduce the history and emergence of mechanical and automotive engineering. Basic concepts and subjects, fields of work, qualifications and skills of mechanical and automotive engineers, an overview of the mechanical and automotive engineering curriculums at Okan University.

AUTO473 Automotive Aerodynamics and Thermal Systems (3 credits) The purpose of the Automotive Aerodynamics & Thermal Systems Course at Okan University includes; Basic principles of aerodynamics and heat transfer, effect of aerodynamics in car design, basic thermal systems in vehicles, design principles of thermal systems, ergonomics and comfort principles related to thermal systems design.

AUTO301 Vehicle Development Fundamentals (3 credits) The objective of this course is to introduce products portfolio plan, vehicle specs preparation, Project management principles, Vehicle architecture, vehicle drive train selection, vehicle performance calculations, fuel consumption calculations, vehicle homologation principles, safety issues, design FMEA.

Mechatronics Engineering

About Program

Mechatronics Engineering Program begins its educational activities in English at Faculty of Engineering and Architecture, OKAN University during 2009-2010 academic year. The combination of words, mechanical and electronics, constitutes the word mechatronics which also include subjects related to computer engineering and electrical engineering, intensively.

From the last quarter of the 20th century, classical motion systems has been changed to intelligent electromechanical systems that can be able to understand, measure, transmit, process, think, decide and apply the data that is related to the system. In this type of systems, the subjects related to mechanical, electrical, electronics and software are collated. In the 21st century, this type of applications are widespread. Today, these applications are seen to be used in almost every field such as from home to industrial sectors, and from automotive to space and flight technologies. However, the undergraduate programs currently seen in most universities where electrical, electronics and computer engineering are taught alone do not provide the knowledge that is discussed above. The mechanical engineering program that is given in English is strongly suggested to the engineers who have the capability of using, designing, developing, applying intelligent electromechanical systems, and as well as researching the technical literature that is provided in English.

The engineers who are graduated from the undergraduate mechatronics engineering program will be able to work in several different types of industries such as automotive, space-flight, robotics, bio-medical, chemical, iron and steel, textile, ship, defense, renewable energy, and factory automation. Therefore, the engineers who have mechatronics engineering degree will support the necessary brain power needs in those fields.

Objectives

Mechatronics BSc. Programme aims to educate its students on the mixture of mechanical, electrical, electronics and computer engineerings. These engineers are specialized on intelligent electromechanical systems, which are equipped with artificial intelligence capabilities. This programme will also provide substantial background for those to study further towards MSc. and Ph.D degrees.

The total credits required for the satisfactory completion of the curriculum are 130 credits. The program additionally requires two internships each enduring 20 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH113	Mathematics I	Yes	Yes	3 + 2	4
PHYS113	Physics-I	Yes	Yes	2 + 2	3
MCHT101	Introduction to MCHT Engineering	Yes	Yes	2 + 0	2
CHM101	Chemistry	Yes	Yes	3 + 0	3
BUS220	Entrepreneurship	Yes	Yes	2 + 2	3

[+] 1. Semester Elective Course List

	Foreign Language Elective	No	Yes	0 + 0	3
Total :					18

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH114	Mathematics II	Yes	Yes	3 + 2	4
PHYS114	Physics-II	Yes	Yes	2 + 2	3
EEE104	Logic Circuit Design	Yes	Yes	2 + 2	3
CLP001	Career And Life Planning	Yes	Yes	0 + 2	1

[+] 2. Semester Elective Course List

	University Elective	No	Yes	3 + 0	3
	Foreign Language Elective	No	Yes	2 + 2	3
Total :					17

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH215	Mathematics III	Yes	Yes	2 + 2	3
EEE201	Circuit Analysis	Yes	Yes	3 + 0	3
CMPE152	Computer Programming	Yes	Yes	2 + 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

ME201	Computer Aided Technical Drawing	Yes	Yes	2 + 2	3
ME231	Engineering Mechanics	Yes	Yes	3 + 0	3
EEE205	Numerical Methods in Electrical Engineering	Yes	Yes	2 + 2	3
Total :					18

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MATH216	Mathematics IV	Yes	Yes	2 + 2	3
EEE212	Electronic Circuits I	Yes	Yes	3 + 2	4
EEE218	Signals And Systems	Yes	Yes	3 + 0	3
EEE208	Electromagnetic Theory	Yes	Yes	2 + 2	3
MCHT234	Mechatronic Systems Design	Yes	Yes	2 + 2	3
Total :					16

5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EEE301	Electromechanical Energy Conversion	Yes	Yes	3 + 2	4
EEE303	Control Systems	Yes	Yes	3 + 0	3
EEE305	Electronic Circuits II	Yes	Yes	3 + 2	4
ME309	Dynamics	Yes	Yes	3 + 0	3
EEE311	Digital Signal Processing	Yes	Yes	2 + 2	3
Total :					17

6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EEE312	Power Electronics & Motion Control Systems	Yes	Yes	3 + 2	4

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

ME310	Theory of Machines	Yes	Yes	2 + 2	3
MCHT332	Introduction to Thermal Systems Engineering	Yes	Yes	3 + 0	4
MCHT302	Mechatronics Components & Instruments	Yes	Yes	3 + 0	3

[+] 6. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
EEE310	Microcontrollers	No	Yes	2 + 2	3
EEE304	Digital Design	No	Yes	2 + 2	3
ME312	Manufacturing Techniques	No	Yes	3 + 0	3
Total :					16

7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EEE405	Engineering Design	Yes	Yes	0 + 2	1
EEE407	Science, Technology and Ethics	Yes	Yes	2 + 0	2
ATA111	History Of Turkish Revolution I	Yes	Yes	2 + 0	2
TRD111	Turkish I	Yes	Yes	2 + 0	2

[+] 7. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
EEE459	Very Large Scale Integrated Circuits	No	Yes	2 + 2	3
EEE461	Analog Integrated Circuits	No	Yes	3 + 0	3
EEE453	Electric Drives	No	Yes	3 + 0	3
AUTO465	Vehicle Dynamics	No	Yes	3 + 0	3
Total :					13

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

*C: Compulsory

8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MCHT412	Graduation Project	Yes	Yes	0 + 4	2
ATA112	History of Turkish Revolution II	Yes	Yes	2 + 0	2
TRD112	Turkish II	Yes	Yes	2 + 0	2

[+] 8. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	University Elective	No	Yes	2 + 2	3
EEE462	Analog to Digital and Digital to Analog Converters	No	Yes	3 + 0	3
EEE452	Digital Filters and Systems	No	Yes	3 + 0	3
EEE454	High Voltage Techniques	No	Yes	3 + 0	3
EEE458	Electrical Distribution Systems	No	Yes	3 + 0	3
EEE466	Introduction to EMC Engineering	No	Yes	3 + 0	3
EEE468	Wireless Networks	No	Yes	3 + 0	3
ME458	Introduction to Finite Element Analysis	No	Yes	3 + 0	3
AUTO460	Internal Combustion Engines	No	Yes	3 + 0	3
AUTO462	Vehicle Controls	No	Yes	3 + 0	3
Total :					15
Grand Total					130

**A: Average

*** L + P: Lecture + Practice

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

MATH113 Mathematics I (4 credits) (*See General Education*)

PHYS113 Physics-I (3 credits) (*See General Education*)

MCHT101 Introduction to MCHT Engineering (2 credits) The purpose of this course is to introduce Engineering at Okan University, Effective Learning, Engineering Method, Problem solving techniques, brainstorming, Technical Writing, Team Work, Presentation Techniques, Engineering Ethics.

CHM101 Chemistry (3 credits) (*See General Education*)

BUS220 Entrepreneurship (3 credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production, business ethics will also be examined. The original side of this course is business people' sharing their experience with students.

MATH114 Mathematics II (4 credits) (*See General Education*)

PHYS114 Physics-II (3 credits)(*See General Education*)

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

EEE104 Logic Circuit Design (3 credits) The purpose of this course is to introduce following topics: Number systems and coding. Partial ordered sets, lattice structures, Boolean algebra. Combinational logic circuit elements. Boolean functions: Canonical expressions and reduction of Boolean functions, Quine McCluskey and Karnough Methods. Some practical combinational circuits: adders, encoders, multiplexers, ROM and programmable logical arrays. Sequential logic circuits: state table and state diagram. Flip-flops. Analysis of logic sequential logic circuits. Design of synchronous sequential logic circuits. Integrated sequential circuit components: registers, memories, counters.

MATH215 Mathematics III (3 credits) (*See General Education*)

EEE201 Circuit Analysis (3 credits) The purpose of this course is to introduce following topics: Physical electrical circuits. Modeling and measurements of currents and voltages in physical circuits. Definitions of charge, flux, power and energy and modeling their waveforms. Kirchoff's Laws: current and voltage equations. Independent sets of current and voltage equations. Ideal 2-terminal and multi-terminal circuit elements: linear and nonlinear resistors, inductors and capacitors. Modeling of physical elements. Small signal analysis. Solution of resistive circuits: node voltage and mesh current methods.

Network theorems. Solution of dynamic circuits: responses of first and second order dynamic circuits.
Prerequisite: MATH113

CMPE152 Computer Programming (3 credits) (*See General Education*)

ME201 Computer Aided Technical Drawing (3 credits) The Purpose of this course is to understand Technical Drawing with AutoCAD concept, perspective projections and types, orthographic projection, isometric drawing, oblique drawing, sectioning of the objects, dimensioning, and solid drawing,

ME231 Engineering Mechanics (3 credits) Engineering Mechanics at Okan University, Idealizations and principles of mechanics. Important vector quantities. Classification and equivalence of force systems. State of equilibrium. Elements of structures, trusses, beams, cables and chains. Friction. Statics of fluids. Variational methods, principles of virtual work and minimum potential energy. Concepts of stress and strain. Simple loading; tension, torsion and bending. Deflections with simple loadings, superposition techniques. Statically indeterminate members, thermal stresses. Combined stresses, Mohr's circle, combined loadings. Buckling. Energy methods. Kinematics and kinetics of particles and system of particles. Plane kinematics and kinetics of rigid bodies. Newton's second law of motion. Methods of work energy and impulse-momentum. Mechanical vibrations.

EEE205 Numerical Methods in Electrical Engineering (3 credits) The purpose of this course is to study the numerical methods used in engineering using floating point arithmetic, computational linear algebra, iterative solution to nonlinear equations, interpolation, numerical integration, numerical solution of ODEs, computer subroutine packages (including Matlab). *Prerequisite: MATH113*

MATH216 Mathematics IV (3 credits) (*See General Education*)

EEE212 Electronic Circuits I (4 credits) The purpose of this course is to introduce following topics: Basic semiconductor concepts, structure of the pn junction diode. Analysis of diode circuits. Applications. Zener diode. Operation of bipolar junction transistors (BJT). Biasing. Small signal models. Basic BJT amplifier circuits. Construction and characteristics of field effect transistors (FET). MOSFETs. Small signal analysis. Amplification. *Prerequisite: EEE201*

EEE218 Signals and Systems (3 credits) The purpose of this course is to introduce following topics: Basic concepts and properties of linear time-invariant systems, Convolution, Fourier analysis for continuous time and discrete time signals and systems, sampling, Laplace transform, z-transform, MATLAB implementation examples. *Prerequisite: MATH113*

EEE208 Electromagnetic Theory (3 credits) The purpose of this course is to introduce following topics: Basic axioms, electric charge, Coulomb's Law, electrostatic field in free space, electrostatic energy, surface charges and Dirac distribution, dipoles, electrostatic field in a material medium. Constitutive equations and boundary conditions, Lorentz Force and magneto static field in free space, Biot-Savart's Law, Ampere's low, magneto static field in a material medium, magnetic energy, magnetic dipoles and permanent magnets, Maxwell's equations and electromagnetic fields, Faraday's induction, self and mutual inductance, electromagnetic energy, potential functions, special theory of relativity. *Prerequisite: MATH114,PHYS114*

MCHT234 Mechatronic Systems Design (3 credits) The purpose of this course is to introduce following topics: Review of various mechatronic system designs and basic mechatronic systems. Application of led, switch, resistance, potentiometer, seven segment display. Sensor applications. LM35 temperature sensor measurement. DC motor control with a transistor and a bridge. Motion control with PID-feedback. Different communication protocols. Serial communication application. Different mechatronic system design projects by each team as a final project and their presentations that consist of at least a dc motor control, a sensor, a controller and coding. *Prerequisite: ME231*

EEE301 Electromechanical Energy Conversion (4 credits) The purpose of this course is to give theoretical and practical fundamentals about electromechanical energy conversion which is the base of all electric machineries. The emphasis is on rotating machines, although static concepts such as magnetic circuits and transformers are also covered. An introduction to electro-mechanical energy conversion, magnetic circuits, 3-phase circuits, single phase, three phase and auto transformers, DC motors and generators including separately excited and shunt motors, three phase induction and synchronous machines are taught in the class. Students have also opportunity to perform laboratory experiments as a team in the lab. *Prerequisite: EEE201*

EEE303 Control Systems (3 credits) The purpose of this course is to introduce following topics: Introduction to control systems/ Mathematical concept of the control systems/ Transfer Function and State Space methods/ Mathematical modeling of the dynamic systems/ Transient and steady state response analyses/ Effects of Proportional, Integral and Derivative controllers/ Control system design by the Root Locus Method/ Frequency response analysis and control system design in frequency domain/ Controller design with PID/ State space and design of whole control system.

EEE305 Electronic Circuits II (4 credits) The purpose of this course is to introduce following topics: Multistage amplifiers. Frequency response of amplifiers. Bode plots. Differential pair stages. Operational amplifier circuits and applications. Feedback in amplifiers. Stability. Power amplifiers. Sinusoidal oscillators. *Prerequisite: EEE212*

ME309 Dynamics (3 credits) The objective of this course is to cover dynamics of particles: rectilinear and curvilinear motion. Newton's laws, momentum and angular momentum methods, work and energy, system of particles, dynamics of rigid bodies in plane motion; kinematics, work and energy methods for rigid bodies.

EEE311 Digital Signal Processing (3 credits) The purpose of this course is to introduce following topics: Time-domain analysis of discrete signals and systems, frequency-domain signal analysis: DTFT, z-transform, DFT, FFT, FIR and IIR digital filters, digital filter theory, design and implementation. *Prerequisite: EEE218*

EEE312 Power Electronics & Motion Control Systems (4 credits) The purpose of this course is to introduce semiconductor switches, converters and applications. Single and multi phase uncontrolled and controlled rectifiers, evaluation of their input and output parameters (Harmonics, PF, HF, DF, DisF, RF, FF,CF). Modeling, analysis and design of DC/DC conversion techniques (buck, boost, buck-boost, flyback, forward, pushpull, full bridge), Switched mode power supplies. Power electronics in motion control systems; ac and brushless dc drives, power electronics in electric power systems; dc to dc power transmission, flexible ac transmission, renewable energy production and smart grids. *Prerequisite: EEE212*

ME310 Theory of Machines (3 credits) This course is designed to provide the student with a clear and thorough description as introduction to Theory of Machines. Materials covered in this course are crucial to subsequent courses in the engineering curricula. The course discusses quantitatively planar mechanisms, degree of freedom, kinematic analysis of mechanisms, dynamic analysis of mechanisms, virtual work, differential equation of mechanisms, balancing of rotating components, balancing of linkages, flywheel calculation, cams.

MCHT332 Introduction to Thermal Systems Engineering (3 credits) The purpose of this course is to introduce following topics: Introduction to thermodynamics, ideal gasses, internal energy, enthalpy, energy transfer by work, heat and mass, the first and second laws of thermodynamics, refrigerators and heat pumps, Carnot cycle, entropy, reversibility. Transient and steady state one dimensional heat transfer, two dimensional steady state heat transfer, surface heat transfer, numerical methods, radiation heat transfer, heat exchangers, introduction to convection heat transfer. Hydrostatics, kinematics of flow, continuity equation, Euler's and Bernoulli's equations, viscous flow equations, head loss in ducts and piping systems, momentum theorems, dimensional analysis and similitude, potential flow, circulation and vorticity.

MCHT302 Mechatronics Components & Instruments (3 credits) The purpose of this course is to introduce following topics: Basic applied concepts in mechatronics components and instruments. Sensors and transducers, machine vision, actuating devices. Information and cognitive systems, hardware components for mechatronics. Laboratory experiments on identification and classification of mechatronics components.

EEE405 Engineering Design (1 credits) The purpose of this course is to design of integrated multidisciplinary systems. Project selection and definition of functions and performance objectives for the open-ended design problem will take place early on by teams of students, while learning practical subjects of engineering in lectures and workshops. This process will lead to the preparation of project proposals consisting of identification of design objectives and constraints, generation and evaluation of potential approaches, selection of the most promising design concept, identification of product subsystems, and assignment of responsibilities to team members. Following project approval, the design process will comprise preliminary design, followed by detailed design, prototype construction and testing, and preparation of a final design report. Progress is evaluated biweekly, culminating in a prototype demonstration and design review. *Prerequisite: EEE101*

EEE407 Science, Technology and Ethics (2 credits) The purpose of this course is to introduce following topics: First to review the importance of logic and language in a society; then to discuss keywords, such as science and technology, research and development, scientific method, scientific process, scientific model, scientific prediction, etc.; public understanding of science, scientific progress; doing research in engineering, in medicine, epidemiology, statistical data evaluation, science - technology relations, case problems and public discussions, earthquakes and public discussion, pollution and public concern, definitions of morality and ethics, ethics in science, risk assessment and precautionary principle, etc. *Prerequisite: EEE101*

ATA111 History of Turkish Revolution I (2 credits) (*See General Education*)

TRD111 Turkish Language I (2 credits) (*See General Education*)

MCHT412 Graduation Project (2 credits) This course is designated to provide the student the procedure for design of an engineering structure and presentation. *Prerequisite: EEE405*

ATA112 History of Turkish Revaluation II (2 credits) (*See General Education*)

TRD112 Turkish Language II (2 credits)(*See General Education*)

ELECTIVES

EEE304 Digital Design (3 credits) This purpose of this course is to introduce designing digital circuits using hardware description languages (VHDL and Verilog). Emphasis will be on the basic concepts and elements of VHDL and Verilog. Students have the opportunity to use commercial synthesis and simulation tools to design a series of increasingly complex digital circuits. In Labs, students use a logic synthesis tool and implement their assignments into Field Programmable Gate Arrays. *Prerequisite: EEE104*

EEE310 Microcontrollers (3 credits) The purpose of this course is to provide sufficient detailed knowledge of a PIC microcontroller so that students can program the PIC microcontroller and demonstrate its functions using the PIC microcontroller experimental kit in the laboratory. *Prerequisite: CMPE152*

EEE459 Very Large Scale Integrated Circuits (3 credits) The purpose of this course is to introduce following topics: Integrated Circuit Fabrication, and MOS transistor theory and digital design techniques with emphasis on CMOS Logic circuit design. Standard cell design methodology is also covered. Students have opportunity to implement techniques learnt at class in the lab using CAD tools. *Prerequisite: EEE304*

EEE461 Analog Integrated Circuits (3 credits) The purpose of this course is to introduce analysis and design of analog integrated circuits such as current mirrors, differential pair, voltage and current references, bandgap voltage references, operational amplifiers, switched-capacitor circuits in CMOS technology. *Prerequisite: EEE305*

EEE453 Electric Drives (3 credits) The purpose of this course is to give theoretical and practical fundamentals about electric machines and drives. This course will describe the structure of Electric Drive Systems and their role in various applications such as flexible production systems, energy conservation, renewable energy, transportation, and etc. This course will cover the basic principles of power electronics in drives using switch-mode converters and pulse width modulation to synthesize the voltages in dc and ac motor drives, the operation of dc motor drives to satisfy four-quadrant operation to meet mechanical load requirements, design torque, speed and position controller of motor drives, space vectors and vector control of AC motor drives. *Prerequisite: EEE301*

AUTO465 Vehicle Dynamics (3 credits) The objective of this course is to cover tire modeling, longitudinal vehicle dynamics, driveline dynamics , lateral vehicle dynamics (kinematic model, bicycle model, stability), suspension modeling (suspension kinematics, camber, quarter car model, half car model, vibration, frequency response), roll dynamics (roll angle, anti-roll bars, roll-over), steering mechanism (Ackermann steering) hydraulic boost, electric boost, caster angle, toe angle), trailer dynamics, trailers with steering.

EEE462 Analog-to-Digital and Digital-to-Analog Converters (3 credits) The purpose of this course is to introduce following topics: Nyquist-rate resistor, capacitor and current source based Digital-to-

Analog Converter topologies. Analog-to-Digital Converter topologies, Flash, Sub-ranging and two-step, folding and interpolation, time-interleaved, successive approximation, pipeline. Oversampling and Delta-Sigma converters. *Prerequisite: EEE305*

EEE452 Digital Filters and Systems (3 credits) The purpose of this course is to introduce following topics: Overview of digital filters. Optimal filters, linear-phase filters. Digital filter structures, stability tests. FFT and fast convolutions. Cascade lattice structures, state-space representations, Finite-precision numerical effects, round off noise and its minimization. Multi-signal processing, multirate digital filters and data interpolation, efficient multi-phase structures. Nyquist filtering, filter blocks, subband coders. Wavelet transforms. Optimum quantization, bit nesting, optimal subband coders, transform coders for data compression. Discrete-time Karhunen-Loeve transforms. Discrete cosine transform (DCT). Applications of digital filters in communication systems. *Prerequisite: EEE311*

EEE466 Introduction to EMC Engineering (3 credits) The purpose of this course is about fundamentals of electromagnetic compatibility. Engineering systems, Fundamentals of Electromagnetic compatibility (EMC), Electric and magnetic dipoles, Electromagnetic Interference (EMI), Bio-Electromagnetics (BEM), EMC in Industrial Engineering, EMC in Computer Engineering, EMC in Automotive Industry, EMC in Medical Industry, EMC in Defense Industry, Electromagnetic spectrum, EMC and Noise, EMC and Coupling, Power distribution systems and EMC, Power quality, EMC in Communication and Control Systems, EMC in Telemetry systems, Fiber Optic Cabling and EMC, EMC and Internet, Electronic Conspiracy and EMC, EMC Standards, EMC-EMI Tests and Measurements, Test and Measurement Environments, Open-space, Screened Rooms, Unechoic Chambers, Emission and Susceptibility measurements, EMC and Protection, Grounding, Filtering, Screening, Shielding Effectiveness, EMC and system Design, EMC and Computer Simulations, CE Mark, EMC and Authorized Institutions. *Prerequisite: EEE208*

EEE468 Wireless Networks (3 credits) The purpose of this course is to introduce following topics: Wireless networks. Students will learn about the fundamentals of wireless channels, queuing theory, error control coding and ARQ, multiple access channels, cellular network planning, backhaul across wired networks, ad hoc networks, sensor networks, and current and future cellular networks.

ME458 Introduction to Finite Element Analysis (3 credits) The purpose of this course is to study the application of finite element methods to different mechanical engineering areas. These areas include stress analysis, heat transfer and fluid flow.

EEE470 Science Technology and Ethics (3 credits) The purpose of this course is to introduce following topics: First to review the importance of logic and language in a society; then to discuss keywords, such as science and technology, research and development, scientific method, scientific process, scientific model, scientific prediction, etc.; public understanding of science, scientific progress; doing research in engineering, in medicine, epidemiology, statistical data evaluation, science - technology relations, case problems and public discussions, earthquakes and public discussion, pollution and public concern, definitions of morality and ethics, ethics in science, risk assessment and precautionary principle, etc. *Prerequisite: EEE201*

AUTO460 Internal Combustion Engines (3 credits) The objective of this course is to cover spark ignition and compression ignition engines, thermochemistry of fuel air mixtures, combustion, cooling of engines, fluid motion inside combustion chamber, engine friction losses and lubrication, design and control principles, testing and control principles. *Prerequisite: MCHT101*

AUTO462 Vehicle Controls(3 credits) Longitudinal control of vehicles (cruise control, adaptive cruise control, automated highway systems, ABS), lateral control of vehicles (automated lane following, vehicle stability control, automated parking, ESP), active suspensions, active anti-roll bars, semi-active suspensions, road friction estimation, roll over prevention, control of four independent electric motor drive vehicles, electric steering control, electro-hydraulic steering control.

FACULTY OF FINE ART

Art and Design Management (Turkish)

Program

The department of Art and Design Management aims to educate qualified people who will work for the field of art and design. The academic duration is 4 years. The students gain the theoretical and practical knowledge from the important academicians in the field.

The education of the department is interdisciplinary. The graduates may work in museums, art galleries, journals of art and culture, biennials, auction companies, fair organizations, art festivals etc.

Objectives

The Art and Design Management Program aims to educate students to become experts who are able to work and direct projects in fields which require knowledge of art management. The total credits required for the satisfactory completion of the curriculum are 120 credits. The program additionally requires three internships each enduring 20 work days.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
GSF101	Renk 1	Yes	Yes	2+0	2
GSF111	Desen 1	Yes	Yes	1+2	2
GSF121	2 Boyutlu Tasarım 1	Yes	Yes	1+2	2
GSF131	3 Boyutlu Tasarım 1	Yes	Yes	1+2	2
GSF151	SanatTarihi 1	Yes	Yes	2+0	2
TRD101	Türk Dili 1	Yes	Yes	2+0	2
ATA101	Atatürk ilke ve inkılap Tarihi 1	Yes	Yes	2+0	2
	Seçmeli Yabancı Dil / Seçmeli Üniversite Dersi*	No	Yes	2+2	3
	Seçmeli Fakülte Dersi	No	Yes	2+0	2
Total					19

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GSF102	Renk 2	Yes	Yes	2+0	2
GSF112	Desen2	Yes	Yes	1+2	2
GSF122	2 Boyutlu Tasarım 2	Yes	Yes	1+2	2
GSF132	3 Boyutlu Tasarım 2	Yes	Yes	1+2	2
GSF152	SanatTarihi2	Yes	Yes	2+0	2
TRD102	Türk Dili 2	Yes	Yes	2+0	2
ATA102	Atatürk ilke ve inkılap Tarihi2	Yes	Yes	2+0	2
	Seçmeli Yabancı Dil / Seçmeli Üniversite Dersi	No	Yes	2+2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçmeli Fakülte Dersi	No	Yes	2+0	2
GSF198	Estetikve Sanat Felsefesi	Yes	Yes	2+0	2
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0+2	1
Total					22

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HUK289	İletişim Hukuku ve Telif Hakları I	Yes	Yes	2+0	2
STY 217	Kültür Endüstrisi Yönetimi	Yes	Yes	2+0	2
GIT 423	Sanat Sosyolojisi I	Yes	Yes	2+0	2
STY 205	20. Yüyl Sanatı I	Yes	Yes	3+0	3
STY 225	Türkiye’de Modern ve Çağdaş Sanat I	Yes	Yes	2+0	2
	Seçmeli Yabancı Dil / Seçmeli Üniversite Dersi Seçmeli Fakülte Dersi/ Seçmeli Bölüm Dersi	No	Yes	2+0	2
Total					13

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
STY 216	Sahne ve Gösteri Sanatları Yönetimi	Yes	Yes	2+0	2
STY 234	Örgütsel Davranış	Yes	Yes	2+0	2
STY 297	Sanat Kurumlarında Pazarlama	Yes	Yes	2+0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

STY 206	20. Yüzyıl Sanatı II	Yes	Yes	3+0	3
STY 226	Türkiye’de Modern ve Çağdaş SanatII	Yes	Yes	2+0	2
	Seçmeli Yabancı Dil / Seçmeli Üniversite Dersi Seçmeli Fakülte Dersi/ Seçmeli Bölüm Dersi	No	Yes	2+0	2
Total					13

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
STY 303	Müzecilik	Yes	Yes	3+0	3
STY 311	Kültür Politikası: Planlama ve Strateji	Yes	Yes	3+0	3
STY 321	Sinemada Yapım ve Yönetim I	Yes	Yes	2+0	2
GIT 223	Çağdaş Sanat Yorumları I	Yes	Yes	2+0	2
STY 315	Popüler Kültür Çalışmaları	Yes	Yes	2+0	2
STY 313	Görsel Kültür	Yes	Yes	2+0	2
STJ001	Staj I	Yes	Yes	0+0	0
	Seçmeli Bölüm Dersi	No	Yes	2+0	3
Total					17

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
STY 302	Müzik Organizasyonu ve Yönetimi	Yes	Yes	3+0	3
STY 338	Sanat Yönetiminde Prodüksiyon ve Pazarlama	Yes	Yes	2+0	2
STY 322	Sinemada Yapım ve Yönetim II	Yes	Yes	2+0	2
STY 312	Sergileme Teknikleri ve Küratörlük	Yes	Yes	2+0	2
STY 324	Medya İletişim ve Metin Yazarlığı	Yes	Yes	3+0	3
STJ002	Staj II	Yes	Yes	0+0	0
	Seçmeli Bölüm Dersi	No	Yes	3+0	3
Total					15

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
STY 493	Akademik Yazı Proje	Yes	Yes	2+2	3
STY 415	Sanat ve Toplumsal Cinsiyet	Yes	Yes	3+0	3
STY 403	Marka İletişimi ve Stratejik Marka Yönetimi	Yes	Yes	2+0	2
STY 423	Sanatta Eleştirel Düşünce I	Yes	Yes	2+2	3
STJ003	Staj III	Yes	Yes	0+0	0
	Seçmeli Bölüm Dersi	No	Yes	2+0	2
Total					13

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
STY 496	Bitirme Projesi	Yes	Yes	0+2	1
STY 416	Sanat Pazarı ve Müzayedecilik	Yes	Yes	2+0	2
STY 482	Festival Organizasyonu	Yes	Yes	2+0	2
STY 424	Sanatta Eleştirel Düşünce II	Yes	Yes	2+0	3
Total					8
Grand Total					120

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

TRD101 Türk Dili I(Turkish I) (2 credits) *(See General Education)*

TRD102 Türk Dili II(Turkish II) (2 credits) *(See General Education)*

ATA101 Atatürk İlke ve İnkılap Tarihi 1 (History of Turkish Revolution I) (1 credits) *(See General Education)*

ATA102 Atatürk İlke ve İnkılap Tarihi II (History of Turkish Revolution II) (1 credits) *(See General Education)*

GSF101 Renk I (Colour I) (2 credits) The aim of this class is to address “Colour”, which is a fundamental means of expression in art and design, in terms of its physical and psychological properties, and for students to acquire theory and practical experience in “Colour”. The course contains both theory and application, and covers the topics of “Definition of Colour”, “Perception of Colour”, “Colour and Light”, “Light Based Colours”, “Pigment Based Colours”, “Colour Theory”, “Colour and Form”, “Colour, and Art and Design”. *(This course is given in Turkish)*

GSF111 Desen 1 (Drawing I) (2 credits) The goal of this course is to let students to focus on difference of looking and seeing through “drawing” which is a fundamental means of expression of visual arts, and to observe the world around them and to translate what they see correctly into their work. The course begins with line based exercises and then moves to drawings of objects and live models. *(This course is given in Turkish)*

GSF121 2 Boyutlu Tasarım 1 (2 Dimensional Design I) (2 credits) The goal of this course is to develop students ability to use fundamental concepts and elements of design in a 2-D space, and to develop their individual creativity within the 2-D design principles. This course includes applications of fundamental design constructs that contains basic elements of 2-D design, and the relationship between these, such as composition, harmony, and repetition. *(This course is given in Turkish)*

GSF131 3 Boyutlu Tasarım 1 (3 Dimensional Design I) (2 credits) The goal of this course is to develop the ability to think and design in 3-D through experimental applications. During this course with both theory and application components, the students use various materials to explore topics such as “units”, “the unit as an autonomous form”, “free use of the unit”, and engage in independent exploration of form. *(This course is given in Turkish)*

GSF151 Sanat Tarihi 1 (History of Art I) (2 credits) The goal of this course is to cover the evolution of art from cave paintings up to baroque. Periods, trends, and artists and works within them reviewed comparatively, within the context of main concepts of the history of art. *(This course is given in Turkish)*

GSF102 Renk 2 (Colour II) (2 credits) The goal of this course is that students to acquire theory and practical experience through a focus on Colour within the processes of design and of creative meaning production. The course contains both theory and application and includes topics such as “Colour and

Meaning”, “Colour and Layout”, “Contrasts of Colours”, “Colour and 3rd Dimension”, “Colour and Space”, “Colour and Movement”, “Colour and Trends”. *(This course is given in Turkish)*

GSF112 Desen 2 (Drawing II) (2 credits) This goal of this course is to allow the perception and understanding of the visual world through geometric shapes, and aims to give the understanding of anatomy through life drawings. The course includes both theory and application components. *(This course is given in Turkish)*

GSF122 2 Boyutlu Tasarım 2 (2 Dimensional Design II) (2 credits) The goal of this course is that students acquire ability to visually think and design around the basic elements and concepts of 2-D design. *(This course is given in Turkish)*

GSF132 3 Boyutlu Tasarım 2 (3 Dimensional Design II) (2 credits) This course involves 3-D creation using multiple forms, and aims to teach methods and tools that are used in 3-D creation as well as factors that needs to be considered when planning of relationship between different forms. *(This course is given in Turkish)*

GSF198 Estetik ve Sanat Felsefesi (Aesthetics and Philosophy of Arts) (2 credits) The goal of this class is to introduce the philosophy of art and aesthetics as a whole. The course includes discussions on examples from Ancient Greece to Modernism, and covers topics such as main concepts of aesthetics, main concepts and issues of the philosophy of arts, relationship between art and thought, aesthetic judgement, comparative aesthetics. *(This course is given in Turkish)*

GSF152 Sanat Tarihi 2 (History of Art II) (2 credits) This course covers comparatively periods of art from Rokoko to 19th century. Focusing on individual artists and art work, this course will give a review of the main framework or art history. *(This course is given in Turkish)*

KYP001 Kariyer ve Yaşam Programı (Career and Life Planning) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish)*

SIN171 Görüntüleri OkumaI (Reading ImagesI) (3 credits) The goal of this course is, starting from arts of photography and painting, to develop the ability to read and analyze images. *(This course is given in Turkish)*

SIN131 Yaratıcı YazarlıkI (Creative Writing I) (3 credits) This goal of this course is to invite students to explore their creative and expressive potential for writing and aims to teach them practical and technical methods of creative writing. *(This course is given in Turkish)*

SIN132 Yaratıcı YazarlıkII (Creative Writing II) (3 credits) The goal of this course is to, following up on the first term’s experience, explore the methods of written expression and experiment within this creative medium. *(This course is given in Turkish)*

GSF185 Sosyoloji I (Sociology I) (2 credits) The goal of this course is to introduce the field of sociology that focuses on the society rather than the individual, and to build base understanding that will allow students to analyze daily topics from sociological point of view. This is an introductory course that helps students understand the field of sociology through a series of basic themes covered. *(This course is given in Turkish)*

GSF186 Sosyoloji II (Sociology II) (2 credits) This course is designed to introduce the field of sociology to the students of GSF. The main goal of the course is to support GSF students to acquire the sociological point of view. In order to achieve this, the course supports the students open and unbiased formation of paradigms with theory, examples from daily encounters, and cinematic, musical, literary and political works. The course covers main concepts of sociology such as culture, personality, social system, social event, social phenomenon, social differentiation, migration, social mobility, and social change. *(This course is given in Turkish)*

SIN172 Görüntüleri OkumaII (Reading Images II) (2 credits) The analysis of cultural and social codes of the image perception consistst the main focus of this course. The aim is to teach the students the ability to read and understand all visual content. Within this context, the course includes topics such as image readings (painting, photography, symbols, media, advertizements, other contemporary visual content, architecture, etc), movie readings and comparative image reading.*(This course is given in Turkish)*

SIN173 Sinemaya Giriş I (Introduction to Cinema I) (3 credits) The goal of this course is to provide the students a basic understanding of cinematic history and its evolution throughout the 20th century.*(This course is given in Turkish)*

SIN174 Sinemaya Giriş II (Introduction to Cinema II) (3 credits) The goal of this course is to reinforce the knowledge of cinematic history given in the first term of this course with the aesthetic theory that gouverns the medium of cinema. *(This course is given in Turkish)*

STY205 – 20.Yüzyıl Sanatı I (20th Century Art I) (3 credits) The purpose of this course is to evaluate 20th century art historically in the context of Modernism. Through chapters, readings, and case analyses, we will focus on key moments and stylistic trends, as well as, social and cultural relationships in the history of modern art from the late 19th century to mid 20th century. During the lectures, students will be exposed to the subject by means of text, lecture, discussion, and use of audio/visual resources. *(This course is given in Turkish)*

STY206 Yüzyıl Sanatı II(20th Century Art II) (3 credits) The purpose of this course is to evaluate 20th century art historically in the context of Modernism. Through chapters, readings, and case analyses, we will focus on key moments and stylistic trends, as well as, social and cultural relationships in the history of modern art from the mid 20th century to the present day. During the lectures, students will be exposed to the subject by means of text, lecture, discussion, and use of audio/visual resources. *(This course is given in Turkish)*

STY217 Kültür Endüstrisi Yönetimi (Cultural Industries Management) (2 credits) This course is designed to analyze ‘Cultural Industries’ and roles in social life of culture industry in context of aesthetic, history, politic, economic and culture; to examine management structures and applications of culture-art organizations in context of culture industry and to understand relations between culture industry and management literature. *(This course is given in Turkish)*

STY225 Türkiye’de Modern ve Çağdaş Sanat I (Modern & Contemporary Art in Turkey I) (2 credits) This course covers comparatively periods of arts in Turkey from 19th Century to 20th Century. Focusing on individual artists and art work, this course will give a review of the main framework of art history in Turkey. *(This course is given in Turkish)*

STY226 Türkiye’de Modern ve Çağdaş Sanat II (Modern & Contemporary Art in Turkey II) (2 credits) This course covers comparatively periods of arts in Turkey from 20th Century to 21st Century. Focusing on individual artists and art work, this course will give a review of the main framework of T art history in Turkey. *(This course is given in Turkish)*

STY234 Örgütsel Davranış (Organizational Behavior) (2 credits) This course designed to prepare students to be managers for the increasingly competitive business world. The emphasis of this course will be on the international business environment and the challenges of the multinational enterprise (MNE) in crafting global business strategies. *(This course is given in Turkish)*

STY297 Sanat Kurumlarında Pazarlama (Marketing in Art Institutions) (2 credits) This course is designed to explain key principles of marketing to students of art and design management program and to examine differences of applications in art organizations about these principles from others fields. *(This course is given in Turkish)*

STY302 Müzik Organizasyonu ve Yönetimi (Music Organization and Management) (3 credits) This course is designed to explain the history, theory, principles and practices of management of music organizations. *(This course is given in Turkish)*

STY303 Müzecilik (Museology) (2 credits) This course is designed to explain the various types of museum (art, history, natural history, science, etc.)We will investigate the various jobs and responsibilities that people have within museums as they work on exhibitions, education, research, collection management, and conservation. *(This course is given in Turkish)*

STY311 Kültür Politikası: Planlama ve Strateji (Cultural Policy:Planning & Strategies) (2 credits) This course covers Arts and culture policies that shape the kinds of artistic creations that are produced, disseminated, marketed, preserved, and funded. *(This course is given in Turkish)*

STY312 Sergileme Teknikleri ve Küratörlük (Exhibition Techniques & Curating) (2 credits) This course is designed to explainthe relation between contemporary artistic and curatorial practices. *(This course is given in Turkish)*

STY313 Görsel Kültür (Visual Culture) (2 credits) This course is designed to explain the broad field of visual culture and aims to familiarize participants with the analysis and representations of visual texts of different media. *(This course is given in Turkish)*

STY315 Popüler Kültür Çalışmaları (Popular Culture Studies) (2 credits) This course course covers the critical issues and approaches in the study of recent Turkish popular culture. *(This course is given in Turkish)*

STY321 Sinemada Yapım ve Yönetim I (Film Production I) (2 credits) This course is an introduction for aesthetic of film and television practices with film technics. This course covers filmmaking, television production art and industry, image management, visual design, audio. The main objective of the course provides a comprehensive overview to international cinema and filmmaking. *(This course is given in Turkish)*

STY322 Sinemada Yapım ve Yönetim II (Film Production II) (2 credits) This course is an introduction for aesthetic of film and television practices with film technics. This course covers filmmaking, television production art and industry, image management, visual design, audio. The main objective of the course provides a comprehensive overview to international cinema and filmmaking. *(This course is given in Turkish)*

STY324 Medya İletişim ve Metin Yazarlığı (Media Communication & Writing) (3 credits) This course covers writing in a professional environment and to the forms of writing for the mass media. *(This course is given in Turkish)*

STY338 Sanat Yönetiminde Prodüksiyon ve Pazarlama (Production & Planning in Art Management) (2 credits) This course designed to prepare students to be managers for the increasingly competitive business world. The emphasis of this course will be on the international business environment and the challenges of the multinational enterprise (MNE) in crafting global business strategies. Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about trade and investment, global strategy, structure and implementation, world financial environments, managing international operations. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish)*

STY403 Marka İletişimi ve Stratejik Marka Yönetimi (Brand Communication and Strategic Brand Management) (2 credits) This course covers “brand”, “brand management”, “brand communication” concepts with reading and examples. This course improves non-profit brands management skills. *(This course is given in Turkish)*

STY415 Sanat ve Toplumsal Cinsiyet (Art & Gender) (3 credits) The purpose of the course is to create a setting for discussion about criticism of gender discrimination in our society and legitimacy of different sexual orientations by examining the theories and practices in art that reveal how gender inequalities and discrimination in modern/postmodern societies have been socially constructed since the late 1960s. *(This course is given in Turkish)*

STY416 Sanat Pazarı ve Müzayecilik (Auctions & Art Marketing) (2 credits) This course examines the history of the Turkish art market, from the 19th century to the present. *(This course is given in Turkish)*

STY423 Sanatta Eleştirel Düşünce I (Art Criticism I) (3 credits) The purpose of the course is designed to consider art as a critical thinking action and to reveal the potentials of art in order to contribute to the transversal democratic ground of our societies. *(This course is given in Turkish)*

STY424 Sanatta Eleştirel Düşünce II (Art Criticism I) (3 credits) The purpose of the course is to consider art as a critical thinking action and to reveal the potentials of art in order to contribute to the transversal democratic ground of our societies. *(This course is given in Turkish)*

STY482 Festival Organizasyonu (Festival Organization) (2 credits) The purpose of this course is to acquaint students with the elements of music and the primary musical periods of Western classical music. Students will have a brief overview of the major composers and their music through class lectures, listening to musical examples in class and actively engaging in class discussions. *(This course is given in Turkish)*

STY493 Akademik Yazı Proje (Academic Writing/Project) (3 credits) This course improves students' academic writing skills and academic project management skills on a personal selected topic. *(This course is given in Turkish)*

STY496 Bitirme Projesi (Graduation Project) (1 credits) The propose of this course is intended to increase the efficiency in academic improving of students with all learned courses. *(This course is given in Turkish)*

STY207 Kültürel Kurumların TarihiI (Cultural Institutions History I) (2 credits) The purpose of this course is to examine the history of Turkish cultural institutions. *(This course is given in Turkish)*

STY208 Kültürel Kurumların TarihiII (Cultural Institutions History II) (2 credits) The purpose of this course is to examine the history of cultural institutions. *(This course is given in Turkish)*

STY327 Klasik Müzik TarihiI (Classical Music History) (3 credits) *(See General Education)*

STY330 Jaz Müzik Tarhi (Jazz Music History) (3 credits) *(See General Education)*

GSF327 Kültür Mirasları I (Cultural Heritage I)(3 credits) This course aims to recognize cultural heritage in Anatolia. This course covers tangible and intangible cultural heritages and improves awareness the importance of Anatolia natural beauties, natural sources, ancient civilizations. *(This course is given in Turkish)*

GSF328 Kültür Mirasları II (Cultural Heritage II) (3 credits) This course aims to recognize cultural heritage in Anatolia. This course covers tangible and intangible cultural heritages and improves awareness the importance of Anatolia natural beauties, natural sources, ancient civilizations. *(This course is given in Turkish)*

STY412 Sanat ,Şehirler ve Topluluklar (Art, Cities and Communities) (2 credits) This course aims to art and community's development and also improves awareness on the art and communities framework, relationship. *(This course is given in Turkish)*

Cinema and Television (Turkish)

About Program

Cinema and Television Department of our Faculty, aims to educate responsible, intellectual and both theoretically and technically qualified students who can work in the fields of cinema, television, media and advertising.

Objectives

By the guidance of basic arts education, Cinema and Television Department of our Faculty aims to educate fully qualified students who can work comfortably in every branch of media industry. For this cause, with its experienced academic staff, our department provides students a broad chance of opportunities including the branches of cinematography, screenplay writing, directing and producing. The total credits required for the satisfactory completion of the curriculum are 120credits. The program additionally requires three internships each enduring 20 work days.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
GSF101	Renk1	Yes	Yes	2 + 0	2
GSF111	Desen 1	Yes	Yes	1 + 2	2
GSF121	2 BoyutluTasarım 1	Yes	Yes	1+ 2	2
GSF131	3 BoyutluTasarım 1	Yes	Yes	1+ 2	2
GSF151	SanatTarihi 1	Yes	Yes	2 + 0	2
TRD101	Türkçe 1	Yes	Yes	2 + 0	2
ATA101	Atatürk İlkeveİnkilapTarihi 1	Yes	Yes	2 + 0	2
	SeçmeliYabancıDil / SeçmeliÜniversite	No	Yes	2+ 2	3
	Faculty Seçmeli	No	Yes	2 + 0	2
Total					19

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GSF102	Renk2	Yes	Yes	2 + 0	2
GSF112	Desen 2	Yes	Yes	1 + 2	2
GSF122	2 BoyutluTasarım 2	Yes	Yes	1+ 2	2
GSF132	3 BoyutluTasarım 2	Yes	Yes	1+ 2	2
GSF152	SanatTarihi 2	Yes	Yes	2 + 0	2
TRD102	TürkDili 2	Yes	Yes	2 + 0	2
ATA102	Atatürk İlkeveİnkilapTarihi 2	Yes	Yes	2 + 0	2
GSF198	EstetikveSanatFelsefesi	Yes	Yes	2 + 0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	SeçmeliYabancıDil / SeçmeliÜniversite	No	Yes	2+ 2	3
	Faculty Seçmeli	No	Yes	2 + 0	2
KYP001	KariyerveYaşam	Yes	Yes	0+2	1
Total					22

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SIN203	Yönetim 1	Yes	Yes	2 + 2	3
SIN223	Senaryo 1	Yes	Yes	2 + 0	2
SIN228	Görüntü 1	Yes	Yes	1+ 2	2
SIN217	TürkSineması 1	Yes	Yes	2 + 0	2
SIN255	Film Dili 1	Yes	Yes	2 + 0	2
SIN263	Kurgu 1	Yes	Yes	1+ 2	2
SIN273	Ses 1	Yes	Yes	1+ 2	2
	SeçmeliYabancıDil / SeçmeliÜniversite/BölümSeçmelisi	No	Yes	3 + 0	3

Total					18
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4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SIN204	Yönetim 2	Yes	Yes	2 + 2	3
SIN224	Senaryo 2	Yes	Yes	2 + 0	2
SIN229	Görüntü 2	Yes	Yes	1+ 2	2
SIN218	TürkSineması 2	Yes	Yes	2 + 0	2
SIN256	Film Dili 2	Yes	Yes	2 + 0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SIN264	Kurgu 2	Yes	Yes	1 + 2	2
SIN274	Ses 2	Yes	Yes	1 + 2	2
	SeçmeliYabancıDil / SeçmeliÜniversite/BölümSeçmelisi	No	Yes	3 + 0	3
Total					18

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SIN305	Post Prodüksiyon Teknikleri 1	Yes	Yes	1 + 2	2
SIN323	TelevizyondaYapımveYönetim 1	Yes	Yes	1 + 2	2
SIN325	Senaryo 3	Yes	Yes	1 + 2	2
SIN328	Görüntü3	Yes	Yes	1 + 2	2
SIN343	SinemaTarihi 1	Yes	Yes	2 + 0	2
SIN365	Yönetim 3	Yes	Yes	1 + 2	2
INT001	Staj 1	Yes	Yes	0 + 0	0
	SeçmeliYabancıDil / SeçmeliÜniversite/BölümSeçmelisi	No	Yes	2 + 0	2
Total					14

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SIN306	Post ProdüksiyonTeknikleri 2	Yes	Yes	1 + 2	2
SIN324	TelevizyondaYapımveYönetim 2	Yes	Yes	1 + 2	2
SIN326	Senaryo 4	Yes	Yes	2 + 0	2
SIN329	Görüntü4	Yes	Yes	1 + 2	2
SIN344	SinemaTarihi 2	Yes	Yes	2 + 0	2
SIN366	Yönetim 4	Yes	Yes	1 + 2	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

INT002	Staj 2	Yes	Yes	0 + 0	0
	SeçmeliYabancıDil / SeçmeliÜniversite/BölümSeçmelisi	No	Yes	2 + 0	2
Total					14

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SIN427	YapımveYönetim 1	Yes	Yes	1 + 2	2
SIN477	Film Projesi	Yes	Yes	2 + 2	3
INT003	Staj 3	Yes	Yes	0 + 0	0
	Fakülte / BölümSeçmelisi	No	Yes	2 + 0	2
Total					7

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SIN428	YapımveYönetim 2	Yes	Yes	1 + 2	2
SIN478	BitirmeProjesi	Yes	Yes	0 + 2	1
SIN495	SinemaveDiğerSanatlar	Yes	Yes	3+ 0	3
	Fakülte / BölümSeçmelisi	No	Yes	1+ 2	2
Total					8
Grand Total					120

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

GSF101 Renk1 (Colour 1) (2 credits) The aim of this class is to address “Colour”, which is a fundamental means of expression in art and design, in terms of its physical and psychological properties, and for students to acquire theory and practical experience in “Colour”. The course contains both theory and application, and covers the topics of “Definition of Colour”, “Perception of Colour” “Colour and Light” “Light Based Colours”, “Pigment Based Colours”, “Colour Theory”, “Colour and Form”, “Colour, and Art and Design”. *(This course is given in Turkish.)*

GSF111 Desen 1 (Drawing 1) (2 credits) The goal of this course is to let students to focus on difference of looking and seeing through “drawing” which is a fundamental means of expression of visual arts, and to observe the world around them and to translate what they see correctly into their work. The course begins with line based exercises and then moves to drawings of objects and live models. *(This course is given in Turkish.)*

GSF121 2 Boyutlu Tasarım 1 (2 Dimensional Design 1) (2 credits) The goal of this course is to develop students ability to use fundamental concepts and elements of design in a 2-D space, and to develop their individual creativity within the 2-D design principles. This course includes applications of fundamental design constructs that contains basic elements of 2-D design, and the relationship between these, such as composition, harmony, and repetition. *(This course is given in Turkish.)*

GSF131 3 Boyutlu Tasarım 1 (3 Dimensional Design 1) (2 credits) The goal of this course is to develop the ability to think and design in 3-D through experimental applications. During this course with both theory and application components, the students use various materials to explore topics such as “units”, “the unit as an autonomous form”, “free use of the unit”, and engage in independent exploration of form. *(This course is given in Turkish.)*

GSF151 Sanat Tarihi 1 (History of Art 1) (2 credits) The goal of this course is to cover the evolution of art from cave paintings up to baroque. Periods, trends, and artists and works within them reviewed comparatively, within the context of main concepts of the history of art *(This course is given in Turkish.)*

GSF102 Renk 2 (Colour 2) (2 credits) The goal of this course is that students to acquire theory and practical experience through a focus on Colour within the processes of design and of creative meaning production. The course contains both theory and application and includes topics such as “Colour and Meaning”, “Colour and Layout”, “Contrasts of Colours”, “Colour and 3rd Dimension”, “Colour and Space”, “Colour and Movement”, “Colour and Trends”. *(This course is given in Turkish.)*

GSF112 Desen 2 (Drawing 2) (2 credits) This goal of this course is to allow the perception and understanding of the visual world through geometric shapes, and aims to give the understanding of anatomy through life drawings. The course includes both theory and application components. *(This course is given in Turkish.)*

GSF122 2 Boyutlu Tasarım 2 (2 Dimensional Design 2) (2 credits) The goal of this course is that students acquire ability to visually think and design around the basic elements and concepts of 2-D design. *(This course is given in Turkish.)*

GSF132 3 Boyutlu Tasarım 2(3 Dimensional Design 2)(2 credits)This course involves 3-D creation using multiple forms, and aims to teach methods and tools that are used in 3-D creation as well as factors that needs to be considered when planning of relationship between different forms. *(This course is given in Turkish.)*

GSF198 Estetik ve Sanat Felsefesi(Aeshetics and Philosophy Of Arts)(2 credits) The goal of this class is to introduce the philosophy of art and aesthetics as a whole. The course includes discussions on examples from Ancient Greece to Modernism, and covers topics such as main concepts of aesthetics, main concepts and issues of the philosophy of arts, relationship between art and thought, aesthetic judgement, comparative aesthetics. *(This course is given in Turkish.)*

GSF152 Sanat Tarihi 2 (History of Art 2) (2 credits) This course covers comparatively periods of art from Rokoko to 19th century. Focusing on individual artists and art work, this course will give a review of the main framework or art history. *(This course is given in Turkish.)*

TRD101 Türkçe 1 (Turkish 1) (2 credits)*(See General Education)*

ATA101 Atatürk İlke ve İnkilap Tarihi 1(1 credits) *(See General Education)*

TRD102 Türk Dili 2(2 credits) *(See General Education)*

ATA102 Atatürk İlke ve İnkilap Tarihi 2(History Of Turkish Revolution 1) (1 credits) *(See General Education)*

KYP001 Kariyer ve Yaşam (Career and Life Planning) (1 credits) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish.)*

SIN203 Yönetim 1 (Directing 1) (3 credits)The course aims to explore the artistic identity of the film director. The student will search his/her own possibilities and identity with his/her own themes as a director and develop personal story ideas. *(This course is given in Turkish.)*

SIN223 Senaryo 1 (Scriptwriting 1) (2 credits) This course is about basics of storytelling and discuss of drama basics, narrative style, conflict, theme, plot and character. This course also aims to make students write short film scripts. *(This course is given in Turkish.)*

SIN228 Görüntü 1 (Cinematography 1) (2 credits)Techniques of obtaining the single square photography as the basis of image in cinema will be shown in practice using various classroom equipments. The students will study correct posing in photography and visual depth and will be prepare slides to determine the setting of the story, told by the film. *(This course is given in Turkish.)*

SIN217 TürkSineması 1 (Turkish Cinema 1) (2 credits) This course aims to familiarize students with Turkish cinema history and film genres in collation to other national cinemas.*(This course is given in Turkish.)*

SIN255 Film Dili 1 (Film Language 1) (2 credits) The aim of this course is to analyze films as a language, teaching students how to read films as language. Codes, signs, syntax and semiotics of cinema are the main themes of this course. *(This course is given in Turkish.)*

SIN263 Kurgu 1 (Editing 1) (2 credits) The course is designed to introduce students the art of editing. Students will receive basic training in practice and also learn basic editing principles. On line and off line editing, linear and non-linear editing, assemble and insert editing are some of the topics that will be covered in the class. *(This course is given in Turkish.)*

SIN273 Ses 1 (Sound 1) (2 credits) An introduction to audio aspects of cinema and TV containing topics like; Definition of Sound, Basic Physics of Sound, Perceiving the Sound, The Concept of Hearing, History of Sound Recording. *(This course is given in Turkish.)*

SIN204 Yönetim 2 (Directing 2) (3 credits) The course aims to explore the artistic identity of the film director. The student will search his/her own possibilities and identity with his/her own themes as a director and develop personal story ideas. *(This course is given in Turkish.) Prerequisite: SIN 203.*

SIN224 Senaryo 2 (Scriptwriting 2) (2 credits) All steps involved in screen writing (Synopsis, Treatment, Scenario, and Shooting Scenario) and some short and feature film scenarios will be written. *(This course is given in Turkish.)*

SIN218 Türk Sineması 2 (Turkish Cinema 2) (2 credits) This course aims to familiarize students with Turkish cinema history and film genres in collation to other national cinemas. *(This course is given in Turkish.)*

SIN256 Film Dili 2 (Film Language 2) (2 credits) The aim of this course is to analyze films as a language, teaching students how to read films as language. Codes, signs, syntax and semiotics of cinema are the main themes of this course. *(This course is given in Turkish.)*

SIN264 Kurgu 1 (Editing 2) (2 credits) The course is designed to introduce students the art of editing. Students will receive basic training in practice and also learn basic editing principles. On line and off line editing, linear and non-linear editing, assemble and insert editing are some of the topics that will be covered in the class. *(This course is given in Turkish.)*

SIN274 Ses 2 (Sound 2) (2 credits) The topics are; Control of Sound, Sound of Acoustics, The Tools of Recording, Magnetism and Magnetic Recording, Properties and Operation of Microphones, Microphones Accessories, Located Sound Recording, Boom Operation, Synchronous Sound Editing. *(This course is given in Turkish.)*

SIN305 Post Prodüksiyon Teknikleri 1 (Post Production Techniques 1) (2credits) The aim of post-production process is to developed students the editing programs and also many programs to learn the techniques of playing with color correction and image. *(This course is given in Turkish.)*

SIN323 Televizyonda Yapım ve Yönetim 1 (Production and Directing In Television 1) (2 credits) Students are taught to prepare the visual scenario based on the developed screenplay and filming the

scenario, to analyze characters, to determine the setting and to prepare a budget so as a production portfolio. *(This course is given in Turkish.)*

SIN306 Post Prodüksiyon Teknikleri 2 (Post Production Techniques 2) (2 credits) Students are taught to film-making process, subject research, and conceptual development. They determine their aims. The course is completed by creating a subject synopsis and by developing this synopsis into a screenplay. *(This course is given in Turkish.)*

SIN324 Televizyonda Yapım ve Yönetim 2 (Production and Directing In Television 2) (2 credits) Students are taught to form a technical and creative team for a project ready to shoot, to realize the filming by entering into contracts with the actors and crew and to show the film after editing and mixing processes completed. *(This course is given in Turkish.)*

SIN344 Sinema Tarihi 2 (History Of World Cinema 2) (2 credits) “History of Film I” offers an exhaustive, even if very selective, overview of cinema history, and explores the basic tools for analyzing the art of film. Throughout the course we will learn how to develop a historical appreciation of film based on a survey of cinematic traditions contained within narrative, documentary, and experimental forms, and acquire a critical, technical, and aesthetic vocabulary relating to particular cinematic practices and structures. We will examine how meaning in films is conditioned by the uses of camera, editing, lightning, sound and acting, explore the impact of technological developments on film production, and evaluate the importance of genre and the legacy of individual “auteurs” throughout the history of cinema. *(This course is given in Turkish.) Prerequisite: SIN343.*

SIN427 Yapım ve Yönetim 1 (Directing and Production 1) (2 credits) Students are taught to film-making process, subject research, and conceptual development. They determine their aims. The course is completed by creating a subject synopsis and by developing this synopsis into a screenplay. *(This course is given in Turkish.)*

SIN428 Yapım ve Yönetim 2 (Directing and Production 2) (2 credits) Students are taught to develop a schedule for the filming of the screenplay, to train the actors, to photograph the scene and to do the preliminary filming. *(This course is given in Turkish.)*

ELECTIVES

ENG111 English I (3 credits) *(See General Education)*

ENG113 Academic Reading and Writing I (3 credits) *(See General Education)*

GER111 Basic German I (3 credits) *(See General Education)*

RUS111 Basic Russian I (3 credits) *(See General Education)*

CHN111 Basic Chinese I (3 credits) *(See General Education)*

ENG112 English II (3 credits) *(See General Education)*

ENG114 Academic Reading and Writing II (3 credits) *(See General Education)*

GER112 Basic German II (3 credits) *(See General Education)*

RUS112 Basic Russian II (3 credits) *(See General Education)*

CHN112 Basic Chinese II (3 credits) *(See General Education)*

UYG101 Uygarlık Tarihi I (History of Civilization I) (3 credits) In this course, they Sumer starting from hunting and gathering, civilization corn, castor, important stages of the history of civilization like China and Greek civilizations are introduced. Specified culture of art, literature, philosophy, science, examined the major developments in areas such as religion. Lock texts discussed. students with an emphasis on developing concepts for the expansion of intellectual perspective and focus to be presented in different Majesty those of integrity.

ENG213 Academic Listening and Speaking II(3 credits) *(See General Education)*

GER211 German Reading and Speaking II(3 credits) *(See General Education)*

RUS211 Russian Reading and Speaking II(3 credits) *(See General Education)*

CHN211 Chinese Reading and Speaking II(3 credits) *(See General Education)*

GER212 German Reading and Speaking II(3 credits) *(See General Education)*

RUS212 Russian Reading and Speaking II(3 credits) *(See General Education)*

CHN212 Chinese Reading and Speaking II(3 credits) *(See General Education)*

SIN447 Belgesel Çekimi (Documentary Cinema I) (2 credits) In this course, documentary film-making will be analysed from the historical perspective in terms of content, style, and methodology. The course will be consisted of a three-hour lecture, which will include documentary film screenings, in either excerpt or entirety. The students will be responsible for the reading material before class. Tutorials will follow in-depth discussions on issues relating to the lecture and screening. All students will be graded according to their active participation in discussions and their understanding of the reading material.*(This course is given in Turkish.)*

GSF185 Sosyoloji I (Sociology 1) (2 credits) The goal of this course is to introduce the field of sociology that focuses on the society rather than the individual, and to build base understanding that will allow students to analyze daily topics from sociological point of view. This is an introductory course that helps students understand the field of sociology through a series of basic themes covered. *(This course is given in Turkish.)*

GSF186 Sosyoloji II (Sociology 2) (2 credits) This course is designed to introduce the field of sociology to the students of GSF. The main goal of the course is to support GSF students to acquire the sociological point of view. In order to achieve this, the course supports the students open and unbiased formation of paradigms with theory, examples from daily encounters, and cinematic, musical, literary and political works. The course covers main concepts of sociology such as culture, personality, social system, social event, social phenomenon, social differentiation, migration, social mobility, and social change. *(This course is given in Turkish.)*

SIN171 Görüntüleri Okuma 1 (Reading Images 1) (3 credits) The goal of this course is, starting from arts of photography and painting, to develop the ability to read and analyze images. *(This course is given in Turkish.)*

SIN131 Yaratıcı Yazarlık 1 (Creative Writings 1) (3 credits) This goal of this course is to invite students to explore their creative and expressive potential for writing and aims to teach them practical and technical methods of creative writing. *(This course is given in Turkish.)*

SIN132 Yaratıcı Yazarlık 2 (Creative Writings 2) (3 credits) The goal of this course is to, following up on the first term's experience, explore the methods of written expression and experiment within this creative medium. *(This course is given in Turkish.)*

SIN172 Reading Images 2 (2 credits) The analysis of cultural and social codes of the image perception consistst the main focus of this course. The aim is to teach the students the ability to read and understand all visual content. Within this context, the course includes topics such as image readings (painting, photography, symbols, media, advertizements, other contemporary visual content, architecture, etc), movie readings and comparative image reading. *(This course is given in Turkish.)*

SIN173 Sinemaya Giriş (Introduction To Cinema 1)(3 credits) The goal of this course is to provide the students a basic understanding of cinematic history and its evolution throughout the 20th century. *(This course is given in Turkish.)*

SIN174 Sinemaya Giriş 2 (Introduction To Cinema 2 (3 credits) The goal of this course is to reinforce the knowledge of cinematic history given in the first term of this course with the aesthetic theory that gouverns the medium of cinema. *(This course is given in Turkish.)*

Fashion Design (Turkish)

About Program

The aim of the Fashion Design Department is to equip students with the required academic knowledge and personal skills in order to meet the expectations of the global fashion industry. We also endeavor to provide our students with a level of self-awareness in order to enable them to make a career plan in accordance with their personal abilities. The department aims to assist students in gaining relevant subject knowledge and in improving their professional skills in the field of art, design and fashion so as to generate added value and creative contributions for the fashion world.

Objectives

The Fashion Design Program aims to enable students to gain relevant knowledge and to improve personal skills about their profession in accordance with the principles of art, design and fashion so as to generate added value and creative contributions for the fashion world.

The total credits required for the satisfactory completion of the curriculum are 120credits. The program additionally requires three internships each enduring 20 work days.



CURRICULUM

1.SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GSF101	Renk 1	Yes	Yes	2+0	2
GSF111	Desen 1	Yes	Yes	1+2	2
GSF121	2 Boyutlu Tasarım 1	Yes	Yes	1+2	2
GSF131	3 Boyutlu Tasarım 1	Yes	Yes	1+2	2
GSF151	Sanat Tarihi 1	Yes	Yes	2+0	2
TRD101	Türk Dili 1	Yes	Yes	2+0	2
ATA101	Ata.İlk. Ve İnkilap Tarihi 1	Yes	Yes	2+0	2
	Seçmeli Yabancı Dil / Seçmeli Üniversite Dersi*	No	Yes	2+2	3
	Seçmeli Fakülte Dersleri	No	Yes	2+0	2
Total					19

2. SEMESTER COURSE PLANI

Code	Course Title	*C	**A	***L+P Hours	Credits
GSF102	Renk 2	Yes	Yes	2+0	2
GSF112	Desen 2	Yes	Yes	1+2	2
GSF122	2 Boyutlu Tasarım 2	Yes	Yes	1+2	2
GSF132	3 Boyutlu Tasarım 2	Yes	Yes	1+2	2
GSF152	Sanat Tarihi 2	Yes	Yes	2+0	2
TRD102	Türk Dili 2	Yes	Yes	2+0	2
ATA102	Atatürk İl. Ve İnk. Tar. 2	Yes	Yes	2+0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçmeli Yabancı Dil / Seçmeli Üniversite Dersi*	No	Yes	2+2	3
	Seçmeli Fakülte Dersleri	No	Yes	2+0	2
GSF198	Estetik ve Sanat Felsefesi	Yes	Yes	2+0	2
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0+2	1
Total					22

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MOD201	Adobe Tasarım Stüdyosu I	Yes	Yes	4+2	5
MOD250	Moda Trendleri Öykü Stüdyosu I	Yes	Yes	2+2	3
MOD271	Teknik Çizim	Yes	Yes	1+2	2
MOD233	Moda Figürü Çizim Teknikleri	Yes	Yes	1+2	2
MOD273	Giyside Kumaş Bilgisi	Yes	Yes	2+0	2
MOD275	Temel Giysi Kalıbı I	Yes	Yes	2+2	3
	Seçmeli Yabancı Dil/Seçmeli Bölüm Dersi	Yes	Yes	2+2	3
	Seçmeli Bölüm Dersi/ Seçmeli Fakülte Dersi	No	Yes	1+2	2
Total					22

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MOD202	Adobe Tasarım Stüdyosu II	Yes	Yes	2+0	5
MOD252	Moda Trendleri Öykü Stüdyosu II	Yes	Yes	2+0	3
MOD246	Giyside Metraj Baskı	Yes	Yes	2+0	3
MOD256	Giyside Pano Baskı	Yes	Yes	3+0	3
MOD276	Temel Giysi Kalıbı II	Yes	Yes	2+0	3
	Seçmeli Yabancı Dil/Seçmeli Bölüm Dersi	Yes	Yes	2+2	3
	Seçmeli Bölüm Dersi/ Seçmeli Fakülte Dersi	Yes	Yes	1+2	2
Total					22

5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MOD337	Moda Tasarımı I	Yes	Yes	3+4	4
MOD347	Giysi Tarihi	Yes	Yes	2+0	2
MOD350	Moda Trendleri Öykü Stüdyosu III	Yes	Yes	2+2	3
	Seçmeli Bölüm Dersi	Yes	Yes	1+2	2
STJ001	Staj	Yes	Yes	0+0	0
Total					11

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

6.SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MOD338	Moda Tasarımı II	Yes	Yes	2+4	4
MOD348	Moda Markaları Tarihi	Yes	Yes	2+0	2
MOD352	Moda Trendleri Öykü Stüdyosu IV	Yes	Yes	2+2	3
	Seçmeli Bölüm Dersi	Yes	Yes	1+2	2
STJ002	Staj 2	Yes	Yes	0+0	0
	Mezuniyete Hazırlık	Yes	Yes	0+0	0
Total					11

7.Semester Course Planı

Code	Course Title	*C	**A	***L+P Hours	Credits
MOD450	Örnek Marka Stüdyosu	Yes	Yes	2+2	3
MOD421	Buluş ve Şekillendirme	Yes	Yes	1+2	2
	Seçmeli Bölüm Dersi /Üniversite Dersi	Yes	Yes	2+0	2
STJ003	Staj III	Yes	Yes	0+0	0
Total					7

8.Semester Course Planı

Code	Course Title	*C	**A	***L+P Hours	Credits
MOD419	Diploma Projesi	Yes	Yes	0+2	1
MOD452	Defile Tasarımı ve Organizasyon	Yes	Yes	2+2	3
	Seçmeli Bölüm Dersi /Üniversite Dersi	Yes	Yes	2+0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Total	6
Grand Total	120

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

TRD101 Türk Dili 1 (Turkish 1) (2 credits) *(See General Education)*

TRD102 Türk Dili 2(Turkish 2) (2 credits) *(See General Education)*

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution 1) (1 credit) *(See General Education)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution 2) (1 credit) *(See General Education)*

KYP001 Kariyer ve Yaşam (Career and Life Programming) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish)*

GSF101 Renk 1 (Colour 1) (2 credits) The aim of this class is to address “Colour”, which is a fundamental means of expression in art and design, in terms of its physical and psychological properties, and for students to acquire theory and practical experience in “Colour”. The course contains both theory and application, and covers the topics of “Definition of Colour”, “Perception of Colour”, “Colour and Light”, “Light Based Colours”, “Pigment Based Colours”, “Colour Theory”, “Colour and Form”, “Colour, and Art and Design”. *(This course is given in Turkish)*

GSF111 Desen 1 (Drawing 1) (2 credits) The goal of this course is to let students to focus on difference of looking and seeing through “drawing” which is a fundamental means of expression of visual arts, and to observe the world around them and to translate what they see correctly into their work. The course begins with line based exercises and then moves to drawings of objects and live models. *(This course is given in Turkish)*

GSF121 2 Boyutlu Tasarım 1 (2 Dimensional Design 1) (2 credits) The goal of this course is to develop students ability to use fundamental concepts and elements of design in a 2-D space, and to develop their individual creativity within the 2-D design principles. This course includes applications of fundamental design constructs that contains basic elements of 2-D design, and the relationship between these, such as composition, harmony, and repetition. *(This course is given in Turkish)*

GSF131 3 Boyutlu Tasarım 1 (3 Dimensional Design 1) (2 credits)

The goal of this course is to develop the ability to think and design in 3-D through experimental applications. During this course with both theory and application components, the students use various materials to explore topics such as “units”, “the unit as an autonomous form”, “free use of the unit”, and engage in independent exploration of form. *(This course is given in Turkish)*

GSF151 Sanat Tarihi 1 (History of Art 1) (2 credits) The goal of this course is to cover the evolution of art from cave paintings up to baroque. Periods, trends, and artists and works within them

reviewed comparatively, within the context of main concepts of the history of art. *(This course is given in Turkish)*

GSF102 Renk 2 (Colour 2) (2 credits) The goal of this course is that students to acquire theory and practical experience through a focus on Colour within the processes of design and of creative meaning production. The course contains both theory and application and includes topics such as “Colour and Meaning”, “Colour and Layout”, “Contrasts of Colours”, “Colour and 3rd Dimension”, “Colour and Space”, “Colour and Movement”, “Colour and Trends”. *(This course is given in Turkish)*

GSF112 Desen 2 (Drawing 2) (2 credits) This goal of this course is to allow the perception and understanding of the visual world through geometric shapes, and aims to give the understanding of anatomy through life drawings. The course includes both theory and application components. *(This course is given in Turkish)*

GSF122 2 Boyutlu Tasarım 2 (2 Dimensional Design 2) (2 credits) The goal of this course is that students acquire ability to visually think and design around the basic elements and concepts of 2-D design. *(This course is given in Turkish)*

GSF132 3 Boyutlu Tasarım 2 (3 Dimensional Design 2) (2 credits) This course involves 3-D creation using multiple forms, and aims to teach methods and tools that are used in 3-D creation as well as factors that needs to be considered when planning of relationship between different forms. *(This course is given in Turkish)*

GSF198 Estetik ve Sanat Felsefesi (Aesthetics and Philosophy of Arts) (2 credits) The goal of this class is to introduce the philosophy of art and aesthetics as a whole. The course includes discussions on examples from Ancient Greece to Modernism, and covers topics such as main concepts of aesthetics, main concepts and issues of the philosophy of arts, relationship between art and thought, aesthetic judgement, comparative aesthetics. *(This course is given in Turkish)*

GSF152 Sanat Tarihi 2 (History of Art 2) (2 credits) This course covers comparatively periods of art from Rokoko to 19th century. Focusing on individual artists and art work, this course will give a review of the main framework or art history. *(This course is given in Turkish)*

SIN171 Görüntüleri Okuma (Reading Images) (3 credits) The goal of this course is, starting from arts of photography and painting, to develop the ability to read and analyze images. *(This course is given in Turkish)*

SIN131 Yaratıcı Yazarlık 1 (Creative Writing 1) (3 credits) This goal of this course is to invite students to explore their creative and expressive potential for writing and aims to teach them practical and technical methods of creative writing. *(This course is given in Turkish)*

SIN132 Yaratıcı Yazarlık 2 (Creative Writing 2) (3 credits) The goal of this course is to, following up on the first term’s experience, explore the methods of written expression and experiment within this creative medium. *(This course is given in Turkish)*

ELECTIVES

GSF185 Sosyoloji 1 (Sociology 1) (2 credits) The goal of this course is to introduce the field of sociology that focuses on the society rather than the individual, and to build base understanding that will allow students to analyze daily topics from sociological point of view. This is an introductory course that helps students understand the field of sociology through a series of basic themes covered. *(This course is given in Turkish)*

GSF186 Sosyoloji 2 (Sociology 2) (2 credits) This course is designed to introduce the field of sociology to the students of GSF. The main goal of the course is to support GSF students to acquire the sociological point of view. In order to achieve this, the course supports the students open and unbiased formation of paradigms with theory, examples from daily encounters, and cinematic, musical, literary and political works. The course covers main concepts of sociology such as culture, personality, social system, social event, social phenomenon, social differentiation, migration, social mobility, and social change. *(This course is given in Turkish)*

SIN172 Görüntüleri Okuma 2 (Reading Images 2) (2 credits) The analysis of cultural and social codes of the image perception consistst the main focus of this course. The aim is to teach the students the ability to read and understand all visual content. Within this context, the course includes topics such as image readings (painting, photography, symbols, media, advertizements, other contemporary visual content, architecture, etc), movie readings and comparative image reading.

SIN173 Sinemaya Giriş 1 (Introduction to Cinema 1) (3 credits) The goal of this course is to provide the students a basic understanding of cinematic history and its evolution throughout the 20th century. *(This course is given in Turkish)*

SIN174 Sinemaya Giriş 2 (Introduction to Cinema 2) (3 credits) The goal of this course is to reinforce the knowledge of cinematic history given in the first term of this course with the aesthetic theory that gouverns the medium of cinema. *(This course is given in Turkish)*

MOD201 Adobe Tasarım Stüdyosu I (Adobe Design Studio I) (5 credits) In this studio class students receive training in vector graphics software-assisted design techniques. Using Mac laboratory resources students will develop their graphic design skills. By using Adobe Creative Suite Illustrator software, students will be enabled to obtain practical experience with digital media. The software will allow students to translate their design ideas into assessable output. Pushing the limits of the possibilities of digital media, students will have the chance to produce their own technical drawings of garment designs, to prepare spec sheets, to design business cards and official documents. Students can decide their own presentation platforms by choosing either to print or to use webpages, tablet PCs or smartphones. *(This course is given in Turkish)*

MOD250 Moda Trendleri Öykü Stüdyosu I (Fashion Trends Storyboard Studio I) (3 credits) In this class students will learn how to be inspired by various concepts and to apply them to a product achieving a sense of design harmony. Students will get the knowledge of research methods of fabric, thread, yarn, color, style and up-to-date fashion trends of clothing and the understanding of the stages of design process. They will be given an organic theme and will be expected to express themselves by the means of fabrics. Students in this class can develop skill of creating form and suitable material based on their themes. In this way they can demonstrate the link between their concept and its realisation as an item of clothing. Students are held to use sketch books to conceptualize their designs and to develop a narrative for them. *(This course is given in Turkish)*

MOD271 Teknik Çizim (Technical Drawing) (2 credits) Students will formulate how to create technical drawings based on their clothing design ideas. At the same time they will recognize how to adapt their design ideas to the basic form of the human body. *(This course is given in Turkish)*

MOD233 Moda Figürü Çizim Teknikleri (Fashion Figures Drawing Techniques) (2 credits) In this class students will understand the relationship between the proportion of the human body and the finished garment. This will develop their fashion drawings skills. This course will allow to visualize their design ideas in a creative and artistic way. Students will be able to practice different drawing techniques by using pencils, chalk and markers. This will allow them to develop their own style of fashion illustration and drawing. *(This course is given in Turkish)*

MOD273 Giyside Kumaş Bilgisi (Fabric Structure (Clothing)) (2 credits) In this class students will learn to differentiate the various types of fabric, understand textile raw materials and explore different textile cultures around the world. Students will be taught how to choose the right fabric for the anticipated design effect in the finished product. They will deepen their understanding of fibres, fabrics and other textile materials in the process. Students will analyze natural and synthetic fabrics. They will classify and categorize fabric types, such as Meryl, Dupont or Woolmark-branded fabrics, and develop a feel for their consistancies. *(This course is given in Turkish)*

MOD275 Temel Giysi Kalıbı I (Fundamentals of Clothing Pattern I) (3 credits) This course identify and describe the fundamentals of the process of making clothes. Students will have hands-on experience of developing and improving on their own design templates. Classes are supported by a professional textile technician. In practical classes students will practice how to make templates for basic items of clothing such as skirts, blouses, jackets, etc. and will then learn how to adapt these templates to different body sizes and shapes. Students will practice sewing skills by producing and altering their own design templates by using industry-standard sewing machine like Singer and Overlock. *(This course is given in Turkish)*

MOD202 Adobe Tasarım Stüdyosu II (Adobe Design Studio II) (5 credits) In this studio class students receive training in vector graphics software-assisted design techniques. Using Mac laboratory resources students will develop their graphic design skills. By using Adobe Creative Suite Illustrator software, students will be enabled to obtain practical experience with digital media. The software will allow students to translate their design ideas into assessable output. Pushing the limits of the possibilities of digital media, students will have the chance to produce their own technical drawings of garment designs, to prepare spec sheets, to design business cards and official documents. Students can decide their own presentation platforms by choosing either to print or to use webpages, tablet PCs or smartphones. *(This course is given in Turkish)*

MOD252 Moda Trendleri Öykü Stüdyosu II (Fashion Trends Storyboard Studio II) (3 credits) The objectives of this course are to teach daily fashion trends and to research fabrics, yarns, colors, styles of clothing trends and to determine a concept with the learned information and to create storyboard and virtual collection. *(This course is given in Turkish)*

MOD246 Giyside Metraj Baskı (Allover Printing Studio) (3 credits) On this practical course students will learn how to design all-over printing patterns on clothing in response to industrial demands. This course is supported by a professional printing studio. Pattern prints help brands to develop the image and market recognition of their collections. On this course students will gain hands-on experience in composing all-over printing patterns by taking into account the interplay between shapes and colours. Students will have the chance to apply aesthetical principles to their printing pattern

by asking basic questions such as what, where, why, who and when about their designs. An understanding of fashion history and the terminology of printing will further help them to critically evaluate the concepts behind their printing pattern designs. Using industry-standard technology such as Nedgraphics and Adobe digital tool will allow them to alter and adjust their designs as needed in an ongoing design process. Students will also learn how to communicate their ideas to technical support staff such as printing technicians. *(This course is given in Turkish)*

MOD256 Giyside Pano Baskı (Panel Printing Studio) (3 credits) On this practical course students will learn how to design panel printing patterns on clothing in response to industry demands. This course is supported by a professional printing studio. Pattern prints help brands to develop the image and market recognition of their collections. On this course students will gain hands-on experience in composing panel printing patterns by taking into account the interplay between shapes and colours. Students will have the chance to apply aesthetical principles to their printing pattern by asking basic questions such as what, where, why, who and when about their designs. An understanding of fashion history and the terminology of printing will further help them to critically evaluate the concepts behind their printing pattern designs. Using industry-standard technology such as Nedgraphics and Adobe digital tool will allow them to alter and adjust their designs as needed in an ongoing design process. Students will also learn how to communicate their ideas to technical support staff such as printing technicians. *(This course is given in Turkish)*

MOD276 Temel Giysi Kalıbı II (Fundamentals of Clothing Pattern II) (3 credits) Students will have hands-on experience of developing and improving on their own design templates. Classes are supported by a professional textile technician. In practical classes students will practice how to make templates for basic items of clothing such as skirts, blouses, jackets, etc. and will then learn how to adapt these templates to different body sizes and shapes. Students will practice sewing skills by producing and altering their own design templates by using industry-standard sewing machine like Singer and Overlock. *(This course is given in Turkish)*

MOD337 Moda Tasarımı I (Fashion Design I) (4 credits) On this course students will be able to further develop the fashion design skills they have learnt in their second year by working on their own design project. After agreeing on a theme, students will be asked to develop their own concept and to produce first sketches of their collection. These sketches will be evaluated and have to be approved by the course teacher. Students will then be able to work on their collection with the support of professional staff at a fashion studio. At the end of the course students will have work on their own collection from its conception to its completion. *(This course is given in Turkish)*

MOD347 Giysi Tarihi (Clothing History) (2 credits) *(See General Education)*

MOD350 Moda Trendleri Öykü Stüdyosu III (Fashion Trends Storyboard Studio III) (3 credits) The objectives of this course are to teach daily fashion trends and to research fabrics, yarns, colors, styles of clothing trends and to determine a concept with the learned information and to create storyboard and virtual collection. *(This course is given in Turkish)*

MOD338 Moda Tasarımı II (Fashion Design II) (4 credits) On this course students will be able to further develop the fashion design skills they have learnt in their second year by working on their own design project. After agreeing on a theme, students will be asked to develop their own concept and to produce first sketches of their collection. These sketches will be evaluated and have to be approved by the course teacher. Students will then be able to work on their collection with the support of professional

staff at a fashion studio. At the end of the course students will have work on their own collection from its conception to its completion. *(This course is given in Turkish)*

MOD348 Moda Markaları Tarihi (Fashion Brands History) (2 credits) On this course students will develop their ability to analyze the interrelatedness of the creative process and demands for economic success. The link between consumer demands and industry response to these demands will be explored on this course. As the fashion industry represents a large part of the Turkish and global economy, students will learn how large, internationally known companies such as LVMH and Printemps create added-value in the various sectors of the fashion market. Students on this course will be equipped with the intellectual tools to analyze the economic processes behind the fashion industry. By doing so, students will become aware of how different companies create their brand value and will understand the social and human cost involved. *(This course is given in Turkish)*

MOD352 Moda Trendleri Öykü Stüdyosu IV (Fashion Trends Storyboard Studio IV) (3 credits) The objectives of this course are to teach daily fashion trends and to research fabrics, yarns, colors, styles of clothing trends and to determine a concept with the learned information and to create storyboard and virtual collection. *(This course is given in Turkish)*

MOD450 Örnek Marka Stüdyosu (Brand Case Studio) (3 credits) On this course students will work on their own collection in cooperation with a pret-a-porter/mass market company. The essential skills developed here are the students' ability to listen to a client's demands and to carry out their work in line with these wishes. Students on this course will be supervised by industry professionals. Students' collections will have to closely follow the client's demands and be faithful to the client's brand's image, so as to be of interest to the brand's core consumer. Sketches produced by individual students or in groups will be evaluated by the project supervisor. Chosen items will then be realized in the Okan Fashion studio with the support of Professional technicians. This simulation will allow students to operate in a realistic Professional context. They will gain experience in the industry and at the same time improve their own skills in project management, cooperation, self- and time management. Working closely under the critical supervision of professionals will help students understand what is involved in successfully working in the fashion industry. *(This course is given in Turkish)*

MOD421 Buluş ve Şekillendirme (Innovation and Formalizing) (2 credits) On this course students will learn theoretical knowledge and develop the skills about the fashion design and they will acquire to creative and innovative design in the fashion industry. This is a course which gives the opportunity to present their business model and resolution. *(This course is given in Turkish)*

MOD277 Moda Trendleri (Fashion Trends) (2 credits) *(See General Education)*

MOD243 Nedgraphics Baskı Stüdyosu (Nedgraphics Printing Studio) (3 credits) In this computer laboratory-based class students will learn how to transfer their creative and industrial designs onto a digital platform in order to produce print pattern designs and to expediate the printing process. In doing so, they will use Nedgraphics software, which was developed for the printing industry. It will allow students to prepare designs and design drawings, have control over the production process, archive their work online, realize and present their projects, prepare and assemble catalogues. Students will practice how to develop templates for panel prints and prints of quantities on a digital platform and modify them. They will also learn how to visualize these patterns on 3-D models. *(This course is given in Turkish)*

MOD 264 Sanatsal Tekstiller (Artistic Textiles) (2 credits) This is a creative course supported by a fashion design studio. Students will be encouraged to experiment with various materials and sewing

techniques in the process of producing texture in textiles. By applying aesthetic principles and using a three-dimensional approach, students are shown how to make connections between textile design and the plastic arts. Students are held to use sketch books to conceptualize their designs and to develop a narrative for them. The course will try to develop an understanding within students that textile designs which serve industry requirements of wearability can at the same time express an artistic ambition. The overall aim of the course is to make students appreciate that the fashion sector overlaps with many other disciplines and fields and is not a self-contained entity. *(This course is given in Turkish)*

MOD266 Adobe Portfolyo ve Teknik Föy Stüdyosu (Adobe Portfolio and Spec Sheet Studio) (3 credits) In this studio class students receive training in vector graphics software-assisted design techniques. Using Mac laboratory resources students will develop their graphic design skills. By using Adobe Creative Suite Illustrator software, students will be enabled to obtain practical experience with digital media. The software will allow students to translate their design ideas into assessable output. Pushing the limits of the possibilities of digital media, students will have the chance to produce their own technical drawings of garment designs, to prepare spec sheets, to design business cards and official documents. Students can decide their own presentation platforms by choosing either to print or to use webpages, tablet PCs or smartphones. *(This course is given in Turkish)*

MOD305 Baskı El Sanatları (Printing Handcrafts) (2 credits) On this course students will learn how to produce creative and innovative print patterns using traditional Turkish handcrafts techniques. By exploring traditional printing crafts, students will be enabled to continue these historic techniques and will help preserve this valuable cultural knowledge. Students will learn how to use lithography, tie-dyeing and block printing and at the same time will be asked to apply contemporary aesthetic principles to this ancient art. In this way students will make a connection between Turkey's cultural heritage and contemporary textile design. *(This course is given in Turkish)*

MOD309 Serbest Dokuma (Artistic Weaving) (3 credits) On this course students will learn how to produce creative and innovative woven textiles using traditional Turkish handcrafts techniques. This course will be held in our own weaving studio where students will be instructed on hand-operated looms. By exploring basic weaving techniques, students will be encouraged to produce their own unique creative and artistic textiles. *(This course is given in Turkish)*

MOD306 Dokuma El Sanatları (Weaving Handcrafts) (2 credits) On this course students will learn how to produce creative and innovative woven textiles using traditional Turkish handcrafts techniques. This course will be held in our own weaving studio where students will be instructed on hand-operated looms. By exploring basic weaving techniques, students will be encouraged to produce their own unique creative and artistic textiles. *(This course is given in Turkish)*

MOD310 Portfolyo Teknikleri (Portfolio Techniques) (3 credits) Students on this course will be trained to prepare a well-designed portfolio in support of their application. They will gain practical experience in formulating a detailed business plan and in presenting their ideas in a dynamic and energetic fashion. In doing so, students will understand the value of networking in professional life and will gain self-confidence in conveying their ideas in a creative way in order to better compete for the interest of potential investors. *(This course is given in Turkish)*

MOD429 Akıllı Tekstiller (Technical and Smart Textiles) (2 credits) On this course students will be familiarized with a fast-growing segment of the fashion industry, smart textiles. This innovative course will endeavor to introduce students to the various developments in the cutting-edge World of these textiles. Students will find out about developments in sports wear with integrated monitors of vital

functions such as heart beat, home textiles which change colour according to temperature. Students will thereby learn how to link textiles, functionalities and performance enhancement. The course will use an interdisciplinary approach, this means students will familiarize themselves with the terminology of not only the fashion industry but also sectors such as textile engineering and computer sciences. *(This course is given in Turkish)*

MOD438 Melek Yatırımcılar (Angel Investors) (2 credits) On this course students will consolidate their basic skills and talents. They will also be shown how to think outside the box to attract third-party interest in their project. As students enter the fashion industry they will require the assistance of investor; one such group of investors are venture capitalists. This category of investors focuses on young start-up type businesses. These have no proven track-record of industry success but appear to be offering an interesting idea which merits financial support. In order to attract this kind of investors, students on this course will be trained to prepare a well-designed portfolio in support of their application. They will gain practical experience in formulating a detailed business plan and in presenting their ideas in a dynamic and energetic fashion. In doing so, students will understand the value of networking in professional life and will gain self-confidence in conveying their ideas in a creative way in order to better compete for the interest of potential investors. *(This course is given in Turkish)*

Industrial Product Design (Turkish)

About Program

The aim of the Industrial Product Design Department is to provide students starting from market research, concept development, to the resolution of production details and final product with a set of abilities and skills to create solutions to problems of form, usability, ergonomics and production, and interact, coordinate successfully with other disciplines during the process of developing new products.

Objectives

The Industrial Product Design Program aims to educate students to be designer who have abilities of creative thinking, participate in team work, reach the original design solutions in all sectors that require mass production, including electronics and communication, furniture, jewellery, display and exhibition, packaging, and auto mobiles. The total credits required for the satisfactory completion of the curriculum are 120 credits. The program additionally requires three internships each enduring 20 work days.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GSF101	Renk 1	Yes	Yes	2+0	2
GSF111	Desen 1	Yes	Yes	1+2	2
GSF121	2 Boyutlu Tasarım 1	Yes	Yes	1+2	2
GSF131	3 Boyutlu Tasarım 1	Yes	Yes	1+2	2
GSF151	Sanat Tarihi 1	Yes	Yes	2+0	2
TRD101	Türk Dili 1	Yes	Yes	2+0	2
ATA101	Atatürk İlke ve İnkılap Tarihi 1	Yes	Yes	2+0	2
	Seçmeli Yabancı Dil / Seçmeli Üniversite Dersi*	No	Yes	0+0	3
	Seçmeli Fakülte Dersi	No	Yes	2+0	2
Total					19

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GSF102	Renk 2	Yes	Yes	2+0	2
GSF112	Desen 2	Yes	Yes	1+2	2
GSF122	2 Boyutlu Tasarım 2	Yes	Yes	1+2	2
GSF132	3 Boyutlu Tasarım 2	Yes	Yes	1+2	2
GSF152	Sanat Tarihi 2	Yes	Yes	2+0	2
TRD102	Türk Dili 2	Yes	Yes	2+0	2
ATA102	Atatürk İlke ve İnkılap Tarihi 2	Yes	Yes	2+0	2
	Seçmeli Yabancı Dil / Seçmeli Üniversite Dersi*	No	Yes	0+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçmeli Fakülte Dersi	No	Yes	2+0	2
GSF198	Estetik ve Sanat Felsefesi	Yes	Yes	2+0	2
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0+2	3
Total					22

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EÜT201	Ürün Tasarım Stüdyosu I	Yes	Yes	2+6	5
EÜT205	TeknikResim I	Yes	Yes	1+2	2
EÜT207	Model Yapım I	Yes	Yes	1+2	2
EÜT223	Görsel Anlatım Teknikleri	Yes	Yes	1+2	2
EÜT243	Bilgisayar Destekli Tasarım I	Yes	Yes	1+2	2
EÜT273	Tasarım Süreci ve İlkeleri	Yes	Yes	1+2	2
	Seçmel I Yabancı Dil / Seçmeli Bölüm Dersi	No	Yes	2+2	3
Total					18

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EÜT202	Ürün Tasarım Stüdyosu II	Yes	Yes	2+6	5
EÜT206	Teknik Resim II	Yes	Yes	1+2	2
EÜT208	Model Yapım II	Yes	Yes	1+2	2
EÜT244	Bilgisayar Destekli Tasarım II	Yes	Yes	1+2	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

EÜT274	Tasarımda İnsan Faktörü	Yes	Yes	1+2	2
EÜT286	Malzeme ve Üretim Teknikleri	Yes	Yes	3+0	3
	Seçmeli Yabancı Dil /Seçmeli Bölüm Dersi	No	Yes	2+2	3
Total					19

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EÜT301	Ürün Tasarım Stüdyosu III	Yes	Yes	2+6	5
EÜT345	Bilgisayar Destekli Tasarım III	Yes	Yes	1+2	2
EÜT355	Tasarımda Yaratıcılık	Yes	Yes	2+0	2
EÜT365	Tasarım Tarihi	Yes	Yes	2+0	2
STJ001	Staj 1	Yes	Yes	0+0	0
	Seçmeli Bölüm Dersi	No	Yes	2+0	2
Total					13

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EÜT302	Ürün Tasarım Stüdyosu IV	Yes	Yes	2+6	5
EÜT346	Bilgisayar Destekli Tasarım IV	Yes	Yes	1+2	2
EÜT356	PortfolyoTasarımı	Yes	Yes	2+0	2
EÜT366	Tasarım ve Marka	Yes	Yes	2+0	2
STJ002	Staj 2	Yes	Yes	0+0	0

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Mezuniyete Hazırlık	Yes	Yes	0+0	0
	Seçmeli Bölüm Dersi	No	Yes	2+0	2
Total					13

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EÜT302	Ürün Tasarım Stüdyosu V	Yes	Yes	2+6	5
STJ003	Staj 3	Yes	Yes	0+0	0
	Seçmeli Bölüm Dersi	No	Yes	0+0	2
	Seçmeli Bölüm Dersi	No	Yes	0+0	2
Total					9

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
EÜT408	Bitirme Projesi	Yes	Yes	0+2	1
EÜT412	Tasarımda Fikri Haklar	Yes	Yes	2+0	2
	Seçmeli Bölüm Dersi	No	Yes	2+0	2
	Seçmeli Bölüm Dersi	No	Yes	3+0	3
	Seçmeli Üniversite Dersi	No	Yes	2+0	2
Total					7
Grand Total					120

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

GSF101 Renk 1 (Colour 1) (2 credits) The aim of this class is to address “Colour”, which is a fundamental means of expression in art and design, in terms of its physical and psychological properties, and for students to acquire theory and practical experience in “Colour”. The course contains both theory and application, and covers the topics of “Definition of Colour”, “Perception of Colour”, “Colour and Light”, “Light Based Colours”, “Pigment Based Colours”, “Colour Theory”, “Colour and Form”, “Colour, and Art and Design”.

GSF111 Desen 1 (Drawing 1) (2 credits) The goal of this course is to let students to focus on difference of looking and seeing through “drawing” which is a fundamental means of expression of visual arts, and to observe the world around them and to translate what they see correctly into their work. The course begins with line based exercises and then moves to drawings of objects and live models.

GSF121 2 Boyutlu Tasarım 1 (2 Dimensional Design 1) (2 credits) The goal of this course is to develop students ability to use fundamental concepts and elements of design in a 2-D space, and to develop their individual creativity within the 2-D design principles. This course includes applications of fundamental design constructs that contains basic elements of 2-D design, and the relationship between these, such as composition, harmony, and repetition.

GSF131 3 Boyutlu Tasarım I (3 Dimensional Design 1) (2 credits) The goal of this course is to develop the ability to think and design in 3-D through experimental applications. During this course with both theory and application components, the students use various materials to explore topics such as “units”, “the unit as an autonomous form”, “free use of the unit”, and engage in independent exploration of form.

GSF151 Sanat Tarihi 1 (History of Art 1) (2 credits) The goal of this course is to cover the evolution of art from cave paintings up to baroque. Periods, trends, and artists and works within them reviewed comparatively, within the context of main concepts of the history of art.

GSF 102 Renk 2 (Colour 2) (2 credits) The goal of this course is that students to acquire theory and practical experience through a focus on Colour within the processes of design and of creative meaning production. The course contains both theory and application and includes topics such as “Colour and Meaning”, “Colour and Layout”, “Contrasts of Colours”, “Colour and 3rd Dimension”, “Colour and Space”, “Colour and Movement”, “Colour and Trends”.

GSF 112 Desen 2 (Drawing 2) (2 credits) This goal of this course is to allow the perception and understanding of the visual world through geometric shapes, and aims to give the understanding of anatomy through life drawings. The course includes both theory and application components.

GSF 122 2 Boyutlu Tasarım 2 (2 Dimensional Design 2) (2 credits) The goal of this course is that students acquire ability to visually think and design around the basic elements and concepts of 2-D design.

GSF 132 3 Boyutlu Tasarım 2 (3 Dimensional Design 2) (2 credits) This course involves 3-D creation using multiple forms, and aims to teach methods and tools that are used in 3-D creation as well as factors that needs to be considered when planning of relationship between different forms.

GSF 198 Estetik ve Sanat Felsefesi (Aesthetics and Philosophy of Arts) (2 credits) The goal of this class is to introduce the philosophy of art and aesthetics as a whole. The course includes discussions on examples from Ancient Greece to Modernism, and covers topics such as main concepts of aesthetics, main concepts and issues of the philosophy of arts, relationship between art and thought, aesthetic judgement, comparative aesthetics.

GSF 152 Sanat Tarihi 2 (History of Art 2) (2 credits) This course covers comparatively periods of art from Rokoko to 19th century. Focusing on individual artists and art work, this course will give a review of the main framework or art history.

TRD 111 Türk Dili 1 (Turkish Language I) (2 credits) (*See General Education*)

ATA 111 Atatürk İlke ve İnkılap Tarihi 1 (History of Turkish Revolution 1) (2 credits) (*See General Education*)

TRD 112 Türk Dili 2 (Turkish Language II) (2 credits) (*See General Education*)

ATA 112 Atatürk İlke ve İnkılap Tarihi 2 (History of Turkish Revolution 2) (2 credits) (*See General Education*)

KYP001 Kariyer ve Yaşam Programı (Career and Life Planning) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. (*This course is given in Turkish*)

EÜT201 Ürün Tasarım Stüdyosu I (Product Design Studio) (5 credits) The aim of this course; in designing activities; the identification of problems in the process, making analysis of one to one relationship with students up to the stage of production and the acquisition of modern and original solutions. (*This course is given in Turkish.*)

EÜT205 Teknik Resim I (Technical Drawing) (2 credits) The purpose of this course is to gain the basic technical drawing information which is the universal common language of design and obtain the skill of drawing and reading the technical drawing information and use these principles in academic and professional practices, design and production processes. Through exercises course concentrates on specific themes, such as visualization of three dimensionality, drawing to scale, proficiency in drawing, manipulation of drafting techniques, and basic skills of graphic expressions. The drawing equipment, materials and techniques are introduced to students via this course. (*This course is given in Turkish.*)

EÜT207 Model Yapım I (Model Making) (2 credits) The purpose of this course is to gain the technics of transforming the designed objects to three dimensional models. And also giving information

about materials and construction methods for three-dimensional scale models for preparing mockups during industrial design process and for final presentation. *(This course is given in Turkish.)*

EÜT223 Görsel Anlatım Teknikleri (Visualization Techniques) (2 credits) *(See General Education)*

EÜT243 Bilgisayar Destekli Tasarım I (Computer Aided Design) (2 credits) This course aims to gain information for the presentation and narrative techniques which are necessary for considering the coloring of the perspective studies, light, matt-shiny, light-dark for product presentation drawings. *(This course is given in Turkish.)*

EÜT273 Tasarım Süreci ve İlkeleri (Processes and Principles of Industrial Design) (2 credits) The purpose of this course is to teach starting from design concept to design process which is needed to be able to reach to concrete design solutions and the basics of this design process by analyzing basic design concepts and using them on their works with practices. Through chapters, steps of basic design process like researching, analyzing, problem defining, suggesting problem solutions, defining design concepts, using basic design approaches. *(This course is given in Turkish.)*

EÜT202 Ürün Tasarım Stüdyosu II (Product Design Studio II) (5 credits) The aim of this course; in designing activities; the identification of problems in the process, making analysis of one to one relationship with students up to the stage of production and the acquisition of modern and original solutions. *(This course is given in Turkish.) Prerequisite: EÜT201*

EÜT206 Teknik Resim II (Technical Drawing II) (2 credits) The purpose of this course is to transform the gained technical drawing information which is the universal common language of design and obtain the skill of drawing and reading the technical drawing information with a CAD program which is Autocad. *(This course is given in Turkish.) Prerequisite: EÜT205*

EÜT208 Model Yapımı II (Model Making II) (2 credits) The purpose of this course is to gain the technics of transforming the designed objects to three dimensional models. And also giving information about materials and construction methods for three-dimensional scale models for preparing mockups during industrial design process and for final presentation.

EÜT244 Bilgisayar Destekli Tasarım II (Computer Aided Design II) (2 credits) This course aims to gain information for the presentation and narrative techniques which are necessary for considering the coloring of the perspective studies, light, matt-shiny, light-dark for product presentation drawings. *(This course is given in Turkish.) Prerequisite: EÜT243*

EÜT274 Tasarımda İnsan Faktörü (Human Factors in Design) (2 credits) The purpose of this course is the systematic regulation of human actions together with the design of artifacts and all built environments which are developed in accordance with the principle of design that suits best to the human physiology. *(This course is given in Turkish.)*

EÜT286 Malzeme ve Üretim Teknikleri (Material and Manufacturing Techniques) (3 credits) The aim of this course is to gain information about materials and production techniques which are essential for the profession of industrial and introduce the current knowledge of the production process comprehensively. *(This course is given in Turkish.)*

EÜT301 Ürün Tasarım Stüdyosu III (Product Design Studio III) (5 credits) The aim of this course; in designing activities; the identification of problems in the process, making analysis of one to one relationship with students up to the stage of production and the acquisition of modern and original solutions.*(This course is given in Turkish.) Prerequisite: EÜT202*

EÜT345 Bilgisayar Destekli Tasarım III (Computer Aided Design III) (2 credits) The aim of this course is to develop the necessary skills for modeling and presentation and disclosure of the industrial design profession through programs (Rhino). *(This course is given in Turkish.)*

EÜT355 Tasarımda Yaratıcılık (Creativity in Design) (2 credits) The purpose of this course is to make introduction in creativity and creativity thinking skills.This course explore ways to improve creativity through various exercises and methods of design thinking.*(This course is given in Turkish.)*

EÜT365 Tasarım Tarihi (History of Design) (2 credits) *(See General Education) (This course is given in Turkish.)*

EÜT302 Ürün Tasarım Stüdyosu IV (Product Design Studio IV) (5 credits) The aim of this course; in designing activities; the identification of problems in the process, making analysis of one to one relationship with students up to the stage of production and the acquisition of modern and original solutions. *(This course is given in Turkish.) Prerequisite: EÜT301*

EÜT346 Bilgisayar Destekli Tasarım IV (Computer Aided Design IV) (2 credits) The aim of this course is to develop the necessary skills for modeling and presentation and disclosure of the industrial design profession through programs (Rhino). *(This course is given in Turkish.) Prerequisite: EÜT345*

EÜT356 Portfolyo Tasarımı (Portfolio Design) (2 credits) The purpose of this course it to teach the fundamentals in professional portfolio design making.Students work individually on the makings of a personal design portfolio and the result is given in a printed format. *(This course is given in Turkish.)*

EÜT366 Tasarım ve Marka (Design and Brand) (2 credits) The purpose of this course is to inspect the relationship between Brand-Industrial Product Design and Consumer Behavior and to be well-supported in this subject. Through chapters concentrates on specific themes, such as consumer behavior, brand-brand identity, relationship brand identity and consumer behavior, consumer factor on product design and create brand. *(This course is given in Turkish.)*

EÜT401 Ürün Tasarım Stüdyosu V (Product Design Studio V) (5 credits) The aim of this course; in designing activities; the identification of problems in the process, making analysis of one to one relationship with students up to the stage of production and the acquisition of modern and original solutions. *(This course is given in Turkish.) Prerequisite: EÜT302*

EÜT408 Bitirme Projesi (Graduation Project) (1 credits) The aim of this course is to learn and practice of the design process in real life profession. *(This course is given in Turkish.) Prerequisite: EÜT401*

EÜT488 Fikri Haklar ve Tasarım (Intellectual Property in Design) (2 credits) This course aims to place in the design of the Intellectual Property Law; It is defining the design of the Legal Protection. *(This course is given in Turkish.)*

ELECTIVES

SIN171 Görüntüleri Okuma (Reading Images) (3 credits) The goal of this course is, starting from arts of photography and painting, to develop the ability to read and analyze images. *(This course is given in Turkish.)*

GSF185 Sosyoloji 1 (Sociology 1) (2 credits) The goal of this course is to introduce the field of sociology that focuses on the society rather than the individual, and to build base understanding that will allow students to analyze daily topics from sociological point of view. This is an introductory course that helps students understand the field of sociology through a series of basic themes covered. *(This course is given in Turkish.)*

SIN132 Yaratıcı Yazarlık 2 (Creative Writing 2) (3 credits) This course invites students to explore their creative and expressive potential for writing and aims to teach them practical and technical methods of creative writing. *(This course is given in Turkish.)*

SIN172 Görüntüleri Okuma2 (Reading Images 2) (2 credits) The analysis of cultural and social codes of the image perception consistst the main focus of this course. The aim is to teach the students the ability to read and understand all visual content. Within this context, the course includes topics such as image readings (painting, photography, symbols, media, advertizements, other contemporary visual content, architecture, etc), movie readings and comparative image reading. *(This course is given in Turkish.)*

GSF186 Sosyoloji 2 (Sociology 2) (2 credits) This course is designed to introduce the field of sociology to the students of GSF. The main goal of the course is to support GSF students to acquire the sociological point of view. In order to achieve this, the course supports the students open and unbiased formation of paradigms with theory, examples from daily encounters, and cinematic, musical, literary and political works. The course covers main concepts of sociology such as culture, personality, social system, social event, social phenomenon, social differentiation, migration, social mobility, and social change. *(This course is given in Turkish.)*

ENG111 İngilizce I (English 1) (3 credits) *(See General Education)*

ENG113 Akademik Okuma ve Yazma 1 (Academic Reading & Writing 1) (3 credits) *(See General Education)*

GER111 Temel Almanca 1 (Basic German) 1 (3 credits) *(See General Education)*

RUS111 Temel Rusça 1 (Basic Russian 1) (3 credits) *(See General Education)*

CHN111 Temel Çince 1 (Basic Chinese 1) (3 credits) *(See General Education)*

ENG112 İngilizce 2 (English 2) (3 credits) *(See General Education)*

ENG114 Akademik Okuma ve Yazma 2 (Academic Reading & Writing 2) (3 credits) *(See General Education)*

GER112 Temel Almanca 2 (Basic German 2) (3 credits) *(See General Education)*

RUS112 Temel Rusça 2 (Basic Russian 2) (3 credits) *(See General Education)*

CHN112 Temel Çince 2 (Basic Chinese 2) (3 credits) *(See General Education)*

UYG101 Uygarlık Tarihi 1 (3 credits) In this course, they Sümer starting from hunting and gathering, civilization corn, castor, important stages of the history of civilization like China and Greek civilizations are introduced. Specified culture of art, literature, philosophy, science, examined the major developments in areas such as religion. Lock texts discussed. students with an emphasis on developing concepts for the expansion of intellectual perspective and focus to be presented in different Majesty those of integrity.

ENG213 Akademik Dinleme ve Konuşma I (Academic Listening and Speaking I) (3 credits) *(See General Education)*

GER211 Almanca Okuma ve Konuşma I (German Reading and Speaking I) (3 credits) *(See General Education)*

RUS211 Rusça Okuma ve Konuşma (Russian Reading and Speaking I) (3 credits) *(See General Education)*

CHN211 Çince Okuma ve Konuşma I (Chinese Reading and Speaking I) (3 credits) *(See General Education)*

GER212 Almanca Okuma ve Konuşma II (German Reading and Speaking II) (3 credits) *(See General Education)*

RUS212 Rusça Okuma ve Konuşma II (Russian Reading and Speaking II) (3 credits) *(See General Education)*

CHN212 Çimce Okuma ve Konuşma II (Chinese Reading and Speaking II) (3 credits) *(See General Education)*

EÜT240 Tasarımda Deneysel Metodlar (Experimental design methods) (3 credits) The purpose of this course is to an emerging approach in design, where the experience is considered to be the product. The course is both theory and workshop based. The focus is on how to use the five senses to design experiences in products. *(This course is given in Turkish.)*

EÜT220 Görselleştirme ve Sunum Teknikleri (Visualization and Presentation Techniques (3 credits)) The purpose of this course is to teach basics about necessary presentation techniques in product design process such as color, light, mat-gloss, light-dark relations in plan, section and perspective view sketches and presentations. *(This course is given in Turkish.)*

EÜT 321 Tasarımda Yaratıcı Sunum Teknikleri (Creative Design Presentation Techniques (2 credits)) The purpose of this course is to teach basic knowledge about exhibition design. The course has been designed to build the learners' ability to enhance creative thinking ability, to present designed products with different medias and presentations, to introduce and present the product in an effective way, to find new and innovative ways to present and publicize the product, to present their products with new techniques in a creative way. *(This course is given in Turkish.)*

EÜT410 Ürün Tasarımı ve Üretilirlik (Product Design and Manufacturability) (2 credits) The purpose of this course is to teach manufacturability and producible product design – design for manufacture- related design principles which is based on materials, production methods, effects of product's shape. This course's content has: Components of product design and basic elements, Product lifecycle, Perfection-oriented design, Design for manufacture, Concurrent engineering, Product development and material list, Product structure and manufacturability, Product architecture and manufacturability effect, Materials and an overview to the material classification, Production methods and classification, Basic principles for design for manufacture, Standardization and effects on manufacture, Metal casting and plastic forming methods, The principles of design for manufacturability metal parts, Plastic forming and joining methods and principles of design for manufacturability of plastic parts, Mounting assembly-oriented design and design principles, Aspects of perfection oriented design, Kinematic design, Power supplies in products- gas springs, Zero quality control and Poke-Yoke technique. *(This course is given in Turkish.)*

EÜT440 Aydınlatma Elemanları Tasarımı (Lighting Elements Design) (2 credits) The Purpose of this course is to define lighting design and it is an introduction course in designing lighting. It is based both on theory and workshop experimentation. Students make various lighting experiments and build their own lighting designs. Students are given basic electric skills and there is a lot of hands on work. *(This course is given in Turkish.)*

EÜT448 Tasarımda Biomimikri (Biomimicry in Design) 2 credits) Biomimicry in Design is an introduction course in Biomimicry for designers. The emphasis of the course is to learn from nature. The course is workshop based. Students develop designs and design solution inspired by biomimicry. Through readings, analyses and examples, we will discuss how nature can help us solve problems and find innovative design solution. *(This course is given in Turkish.)*

Interior Architecture (Turkish)

About Program

The aim of the Interior Architecture Department is to provide students the ability to identify the basic design principles of private and public spaces and to establish a professional identity with capability of creative design. It is aimed to train visionary, individual and creative interior architects who are qualified to compete in global platforms through the programs prepared to develop students' intellectuality and creativity.

Objectives

The program is followed by theoretical and applied courses, projects cooperating with the industry and seminars relating to different disciplines. The total credits required for the satisfactory completion of the curriculum are 120 credits. The program additionally requires three internships each enduring 20 work days.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
GSF101	Renk 1	Yes	Yes	2+0	2
GSF111	Desen 1	Yes	Yes	1+2	2
GSF121	2 Boyutlu Tasarım 1	Yes	Yes	1+2	2
GSF131	3 Boyutlu Tasarım 1	Yes	Yes	1+2	2
GSF151	Sanat Tarihi 1	Yes	Yes	2+0	2
TRD101	Türk Dili 1	Yes	Yes	2+0	2
ATA101	Ata.İlk. Ve İnkılap Tarihi 1	Yes	Yes	2+0	2
	Seçmeli Yabancı Dil / Seçmeli Üniversite Dersi*	No	Yes	2+2	3
	Seçmeli Fakülte Dersleri	No	Yes	2+0	2
Total					19

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GSF102	Renk 2	Yes	Yes	2+0	2
GSF112	Desen 2	Yes	Yes	1+2	2
GSF122	2 Boyutlu Tasarım 2	Yes	Yes	1+2	2
GSF132	3 Boyutlu Tasarım 2	Yes	Yes	1+2	2
GSF152	Sanat Tarihi 2	Yes	Yes	2+0	2
TRD102	Türk Dili 2	Yes	Yes	2+0	2
ATA102	Ata.İlk. Ve İnkılap Tarihi 2	Yes	Yes	2+0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçmeli Yabancı Dil / Seçmeli Üniversite Dersi*	No	Yes	2+2	3
	Seçmeli Fakülte Dersleri	No	Yes	2+0	2
GSF198	Estetik ve Sanat Felsefesi	Yes	Yes	2+0	2
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0+2	1
Total					22

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
İÇM203	Teknik Resim	Yes	Yes	2+0	4
İÇM213	İçmimarlık Temel Tasarım	Yes	Yes	1+2	3
İÇM223	Bilgisayar Destekli Tasarım 1	Yes	Yes	1+2	2
İÇM243	Görsel Anlatım Teknikleri 1	Yes	Yes	1+2	2
İÇM205	Tasarımda İnsan Etkeni	Yes	Yes	2+0	2
İÇM207	Mekân Tasarım Tarihi 1	Yes	Yes	2+0	2
	Seçmeli Yabancı Dil / Seçmeli Üniversite Dersi/ Seçmeli Fakülte Dersi / Seçmeli Bölüm Dersi	No	Yes	2+0	2
Total					17

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
İÇM214	Teknik Resim Perspektif	Yes	Yes	2+2	3
İÇM226	Tasarım Kuram ve Yöntemleri	Yes	Yes	1+2	2
İÇM294	Bilgisayar Destekli Tasarım 2	Yes	Yes	1+2	2
İÇM244	Görsel Anlatım Teknikleri 2	Yes	Yes	1+2	2
İÇM206	Mobilya Tasarımı ve Konst. 1	Yes	Yes	2+2	3
İÇM208	Mobilya Tasarım Tarihi 1	Yes	Yes	2+0	2
İÇM210	Yapı İçi Konstrüksiyonu 1	Yes	Yes	1+2	2
	Seçmeli Yabancı Dil / Seçmeli Üniversite Dersi/ Seçmeli Fakülte Dersi / Seçmeli Bölüm Dersi	No	Yes	2+0	2
Total					18

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
İÇM315	İçmimarlık Çevre Tasarım 1	Yes	Yes	1+6	4
İÇM305	Mobilya Tasarımı ve Konst. 2	Yes	Yes	2+2	3
İÇM307	Mimarlık Yapı Bilgisi 1	Yes	Yes	1+2	2
İÇM309	Yapı İçi Konstrüksiyonu 2	Yes	Yes	1+2	2
STJ001	Staj 1	Yes	Yes	0+0	0

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçmeli Bölüm Dersi	No	Yes	2+0	2
	Seçmeli Bölüm Dersi	No	Yes	2+0	2
Total					15

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
İÇM316	İçmimarlık Çevre Tasarım 2	Yes	Yes	1+6	4
İÇM310	Mekan Psikolojisi	Yes	Yes	2+0	2
STJ002	Staj 2	Yes	Yes	0+0	0
	Mezuniyete Hazırlık	Yes	Yes	0+0	0
	Seçmeli Bölüm Dersi	No	Yes	2+0	2
	Seçmeli Bölüm Dersi	No	Yes	2+0	2
Total					10

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
İÇM407	İçmimarlık Çevre Tasarım 3	Yes	Yes	1+6	4
İÇM409	Tasarımda Çevre Etkeni	Yes	Yes	2+0	2
İÇM415	Bitirme Projesi Hazırlık	Yes	Yes	2+0	2
STJ003	Staj 3	Yes	Yes	0+0	0
	Seçmeli Bölüm Dersi	Yes	Yes	2+0	2
	Seçmeli Bölüm Dersi	No	Yes	2+0	2
Total					12

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
İÇM410	Bitirme Projesi	Yes	Yes	0+2	1
İÇM412	Evrensel Tasarım	Yes	Yes	2+0	2
	Seçmeli Bölüm Dersi	No	Yes	2+0	2
	Seçmeli Bölüm Dersi	No	Yes	2+0	2
Total					7

Grand Total	120
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

TRD101 Türk Dili 1 (Turkish Language I) (2 credits) *(See General Education)*

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Republic 1) (2 credits) *(See General Education)*

TRD102 Türk Dili 2 (Turkish Language) (2 credits) *(See General Education) (This course is given in Turkish.)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Republic 2) (2 credits) *(See General Education)*

KYP001 Kariyer ve Yaşam Programı (Career and Life Planning) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish)*

GSF101 Renk 1 (Colour 1) (2 credits) The aim of this class is to address “Colour”, which is a fundamental means of expression in art and design, in terms of its physical and psychological properties, and for students to acquire theory and practical experience in “Colour”. The course contains both theory and application, and covers the topics of “Definition of Colour”, “Perception of Colour”, “Colour and Light”, “Light Based Colours”, “Pigment Based Colours”, “Colour Theory”, “Colour and Form”, “Colour, and Art and Design”. *(This course is given in Turkish.)*

GSF111 Desen 1 (Drawing 1) (2 credits) The goal of this course is to let students to focus on difference of looking and seeing through “drawing” which is a fundamental means of expression of visual arts, and to observe the world around them and to translate what they see correctly into their work. The course begins with line based exercises and then moves to drawings of objects and live models. *(This course is given in Turkish.)*

GSF121 2 Boyutlu Tasarım 1 (2 Dimensional Design 1) (2 credits) The goal of this course is to develop students ability to use fundamental concepts and elements of design in a 2-D space, and to develop their individual creativity within the 2-D design principles. This course includes applications of fundamental design constructs that contains basic elements of 2-D design, and the relationship between these, such as composition, harmony, and repetition. *(This course is given in Turkish.)*

GSF131 3 Boyutlu Tasarım 1 (3 Dimensional Design 1) (2 credits) The goal of this course is to develop the ability to think and design in 3-D through experimental applications. During this course with both theory and application components, the students use various materials to explore topics such as “units”, “the unit as an autonomous form”, “free use of the unit”, and engage in independent exploration of form. *(This course is given in Turkish.)*

GSF151 Sanat Tarihi 1 (History of Art I) (2 credits) The goal of this course is to cover the evolution of art from cave paintings up to baroque. Periods, trends, and artists and works within them reviewed comparatively, within the context of main concepts of the history of art. *(This course is given in Turkish.)*

GSF102 Renk 2 (Colour 2) (2 credits) The goal of this course is that students to acquire theory and practical experience through a focus on Colour within the processes of design and of creative meaning production. The course contains both theory and application and includes topics such as “Colour and Meaning”, “Colour and Layout”, “Contrasts of Colours”, “Colour and 3rd Dimension”, “Colour and Space”, “Colour and Movement”, “Colour and Trends”. *(This course is given in Turkish.)*

GSF112 Desen 2 (Drawing 2) (2 credits) This goal of this course is to allow the perception and understanding of the visual world through geometric shapes, and aims to give the understanding of anatomy through life drawings. The course includes both theory and application components. *(This course is given in Turkish.)*

GSF122 2 Boyutlu Tasarım 2 (2 Dimensional Design 2) (2 credits) The goal of this course is that students acquire ability to visually think and design around the basic elements and concepts of 2-D design. *(This course is given in Turkish.)*

GSF132 3 Boyutlu Tasarım 2 (3 Dimensional Design 2) (2 credits) This course involves 3-D creation using multiple forms, and aims to teach methods and tools that are used in 3-D creation as well as factors that needs to be considered when planning of relationship between different forms. *(This course is given in Turkish.)*

GSF198 Estetik ve Sanat Felsefesi (Aesthetics and Philosophy of Arts) (2 credits) The goal of this class is to introduce the philosophy of art and aesthetics as a whole. The course includes discussions on examples from Ancient Greece to Modernism, and covers topics such as main concepts of aesthetics, main concepts and issues of the philosophy of arts, relationship between art and thought, aesthetic judgement, comparative aesthetics. *(This course is given in Turkish.)*

GSF152 Sanat Tarihi 2 (History of Art 2) (2 credits) This course covers comparatively periods of art from Rokoko to 19th century. Focusing on individual artists and art work, this course will give a review of the main framework or art history. *(This course is given in Turkish.)*

SIN171 Görüntüleri Okuma (Reading Images) (3 credits) The goal of this course is, starting from arts of photography and painting, to develop the ability to read and analyze images. *(This course is given in Turkish.)*

SIN131 Yaratıcı yazarlık 1 (Creative Writing) (3 credits) This goal of this course is to invite students to explore their creative and expressive potential for writing and aims to teach them practical and technical methods of creative writing. *(This course is given in Turkish.)*

SIN132 Yaratıcı Yazarlık 2 (Creative Writing 2) (3 credits) The goal of this course is to, following up on the first term’s experience, explore the methods of written expression and experiment within this creative medium. *(This course is given in Turkish.)*

ELECTIVES

GSF185 Sosyoloji 1 (Sociology I) (2 credits) The goal of this course is to introduce the field of sociology that focuses on the society rather than the individual, and to build base understanding that will allow students to analyze daily topics from sociological point of view. This is an introductory course that helps students understand the field of sociology through a series of basic themes covered. *(This course is given in Turkish.)*

GSF186 Sosyoloji1 (Sociology II) (2 credits) This course is designed to introduce the field of sociology to the students of GSF. The main goal of the course is to support GSF students to acquire the sociological point of view. In order to achieve this, the course supports the students open and unbiased formation of paradigms with theory, examples from daily encounters, and cinematic, musical, literary and political works. The course covers main concepts of sociology such as culture, personality, social system, social event, social phenomenon, social differentiation, migration, social mobility, and social change. *(This course is given in Turkish.)*

SIN172 Görüntüleri Okuma 2 (Reading Images 2) (2 credits) The analysis of cultural and social codes of the image perception consistst the main focus of this course. The aim is to teach the students the ability to read and understand all visual content. Within this context, the course includes topics such as image readings (painting, photography, symbols, media, advertizements, other contemporary visual content, architecture, etc), movie readings and comparative image reading. *(This course is given in Turkish.)*

SIN173 Sinemaya Giriş I (Introduction to Cinema 1) (3 credits) The goal of this course is to provide the students a basic understanding of cinematic history and its evolution throughout the 20th century. *(This course is given in Turkish.)*

SIN175 Sinemaya Giriş 2 (Introduction to Cinema 2) (3 credits) The goal of this course is to reinforce the knowledge of cinematic history given in the first term of this course with the aesthetic theory that gouverns the medium of cinema. *(This course is given in Turkish.)*

İÇM203 Teknik Resim (Technical Drawing) (4 credits) It contains the methods of using technical drawing equipments and materials, line types, their usage, drawing scale, proper use of scale, basic geometrical drawings, drawings for design geometry (projection), methods of technical design drawings (projects) and sectional views with rendering and oblique projection techniques ‘axonometric, isometric, single point conical perspective, two point perspective, and casting shadows in perspective drawings. *(This course is given in Turkish.)*

İÇM213 İçmimarlık Temel Tasarım (Interior Architecture Basic Design) (3 credits) In design studies, this includes developing of the two and three dimensional interrelation of function, form, materials, construction, colour and light together with surface, volume conceptually developed and reinforced in accordance with the main theoretical expressions, with two or three dimensional studies in terms of “form-materials-construction-colour-light”. *(This course is given in Turkish.)*

İÇM223 Bilgisayar Destekli Tasarım 1 (Computer Aided Design 1) (2 credits) To acquire the skills to 2 dimensional design and drawing with the help of Computer Aided Design. *(This course is given in Turkish.)*

İÇM243 Görsel Anlatım Teknikleri 1 (Tech. of Visual Communication) 1 (2 credits) This course contains the study of realistic activation of expressions of texture-material-colour belonging to various objects, furniture and accessories, which are necessary in the presentation and communication techniques, in design process. *(This course is given in Turkish.)*

İÇM205 Tasarımda İnsan Etkeni (Human Effects on Design) (2 credits) This courses contains the ergonomic values for humans. Human factors, a term that is used here synonymously with ergonomics, has been evolving as a unique and independent dicipline that focuses on the nature of human compatible systems. *(This course is given in Turkish.)*

İÇM207 Mekân Tasarım Tarihi 1 (History of Spatial Design 1)(2 credits) Contains the development of spatial design, social life and relationship issues and significant design cases and trend during the Ancient Age to the Industrial Revolution. *(This course is given in Turkish.)*

İÇM214 Teknik Resim Perspektif (Technical Drawing Perspective) (3 credits) It contains the methods of paralel perspective, conical perspective and shadow in perspective. *(This course is given in Turkish)*

İÇM226 Tasarım Kuram ve Yöntemleri (Theory and Methods of Design) (2 credits) Developing and conveying of theoretical knowledge based on various design principles; and research, application and methods of presentation of ideas which are related to some living conditions, by studying the theory and methods of design based on analysis and synthesis. *(This course is given in Turkish.)*

İÇM294 Bilgisayar Destekli Tasarım 2 (Computer Aided Design 2) (2 credits) To acquire the skills to 3 dimensional design and presentation techniques with the help of Computer Aided Design. *(This course is given in Turkish.)*

İÇM244 Görsel Anlatım Teknikleri 2 (Tech. of Visual Communication 2) (2 credits) This is a course taking into account the techniques of presentation and communication in design process, with variuous studies of plan, section and perspective in view of connection with colour, light, opaque-gloss, light-dark etc. *(This course is given in Turkish.)*

İÇM206 Mobilya Tasarımı ve Konst. 1 (Furniture Design and Construction 1) (3 credits) This covers the search into types of furniture with limited coverage and storage (garment, book, etc.) together with understanding their design and construction systems. *(This course is given in Turkish.)*

İÇM208 Mobilya Tasarım Tarihi 1 (History of Furniture Design 1) (2 credits) Contains the development of furniture design, social life and relationship issues and significant design cases and trend during the Ancient Age to the Industrial Revolution. *(This course is given in Turkish)*

İÇM210 Yapı İçi Konstrüksiyonu 1 (Interior Construction 1) (2 credits) Includes the theoretical explanations, research, their applications in projects and finalizing of some interior building elements such as Door and WINDOW types and their construction systems. *(This course is given in Turkish.)*

İÇM315 İçmimarlık Çevre Tasarım 1 (Int. Arc. Environmental Design 1) (4 credits) The course involves 1/50 scaled space design workouts for wide and narrow programed dwellings concerning the

gain of basic spatial design principles which include the investigation and comprehension of space-people-furniture relationship as well as the gain of a peculiar designer identity by the students. (*This course is given in Turkish.*)

İÇM305 Mobilya Tasarımı ve Konst. 2 (Furniture Design and Construction 2) (3 credits) The aim of this section is to teach multi purpose table, chairs, seat furniture, and conceptual elements; investigation, design, construction systems and design features to be examined in accordance with the construction and application methods, techniques. (*This course is given in Turkish.*)

İÇM307 Mimarlık Yapı Bilgisi 1 (Architecture & Construction 1) (2 credits) Definition and historical development of architecture, interrelation of architecture-environment, interrelation of architecture with country-region-town planning-methods of design; study of the subjects such as law, building regulations, etc. (*This course is given in Turkish.*)

İÇM309 Yapı İçi Konstrüksiyonu (Interior Construction) (2 credits) As one of the elements of internal spaces, the suspended ceiling, and its related systems (curtains, lighting, etc.) with their varieties, and theoretical expression of the construction works, resulting in research and project work. (*This course is given in Turkish.*)

İÇM316 İçmimarlık Çevre Tasarım 2 (Int. Arc. Environmental Design 2) (4 credits) The course involves 1/20 scaled detailed space design workouts for wide and narrow programed dwellings concerning the gain of basic spatial design principles which include the investigation and comprehension of space-people-furniture relationship as well as the gain of a peculiar designer identity by the students. (*This course is given in Turkish.*) *Prerequisite: İÇM315*

İÇM310 Mekan Psikolojisi (Space Psychology) (2 credits) Includes designing and spatial organization of entrance hall, living space, wet areas and vocational housing projects, within the confines of design brief based on user profile. (*This course is given in Turkish.*)

İÇM407 İçmimarlık Çevre Tasarım 3 (Int. Arc. Environmental Design 3) (4 credits) Presentation of-Sales-Marketing Environment: Services Sales; hotels, restaurants, cafes, bars, etc. Product Sales, market, shops, etc. and stand, fair stand on issues such as creating new spaces and places of renewal, theories of interior space design and methods of design principles are projected. (*This course is given in Turkish.*) *Prerequisite: İÇM316*

İÇM409 Tasarımda Çevre Etkeni (Environmental Effects on Design) (2 credits) Contains the concept of “environment” including the physical (built and natural) and social environments will be explored by giving special emphasis to the built environment and its design extensions. (*This course is given in Turkish.*)

İÇM415 Bitirme Projesi Hazırlık (Preparation for Graduation Project) (2 credits) The goal of this class is to give the students the conceptual and theoretical data that can be used in Graduation Project and to teach the stages of project management. (*This course is given in Turkish.*)

İÇM410 Bitirme Projesi (Graduation Project) (1 credit) Education-Business Environment: Education Environment; kindergarten, primary and higher education institutions, etc. Study of

Environment: offices, banks, travel agencies, etc. issues. *(This course is given in Turkish.) Prerequisite: İÇM407*

İÇM412 Evrensel Tasarım (Universal Design) (2 credits) *(See General Education)*

ELECTIVES

ENG111 İngilizce I (English 1) (3 credits) *(See General Education)*

ENG113 Akademik Okuma ve yazma (Academic Reading&Writing 1) (3 credits) *(See General Education)*

GER111 Temel Almanca 1 (Basic German 1) (3 credits) *(See General Education)*

RUS111 Temel Rusça (Basic Russian 1) (3 credits) *(See General Education)*

CHN111 Temel Çince (Basic Chinese 1) (3 credits) *(See General Education)*

ENG112 İngilizce II (English 2) (3 credits) *(See General Education)*

ENG114 Akademik Okuma ve Yazma 2 (Academic Reading&Writing 2) (3 credits) *(See General Education)*

GER112 Basic German 2 (3 credits) *(See General Education)*

RUS112 Temel Rusça 2 (Basic Russian 2) (3 credits) *“(See General Education)”*

CHN112 Temel Çince (Basic Chinese 2) (3 credits) *(See General Education)*

UYG101 Uygarlık Tarihi 1 (History of Civilization I) (3 credits) In this course, they Sümer starting from hunting and gathering, civilization corn, castor, important stages of the history of civilization like China and Greek civilizations are introduced. Specified culture of art, literature, philosophy, science, examined the major developments in areas such as religion. Lock texts discussed. students with an emphasis on developing concepts for the expansion of intellectual perspective and focus to be presented in different Majesty those of integrity.

ENG213 Akademik Dinleme ve Konuşma I (Academic Listening and Speaking I) (3 credits) *(See General Education)*

ENG215 İşletme İletişimi için İngilizce I (English for Business Communication I) (3 credits)

GER211 German Reading and Speaking I (3 credits) *(See General Education)*

RUS211 Rusça Okuma ve Konuşma (Russian Reading and Speaking I) (3 credits) *(See General Education)*

CHN211 Çince Okuma ve Konuşma (Chinese Reading and Speaking I) (3 credits) *(See General Education)*

GER212 Almanca Okuma ve Konuşma II (German Reading and Speaking II) (3 credits) *(See General Education)*

RUS212 Rusça Okuma ve Konuşma (Russian Reading and Speaking II) (3 credits) *(See General Education)*

CHN212 Çince Okuma ve Konuşma II (Chinese Reading and Speaking II) (3 credits) *(See General Education)*

İÇM201 Tasarım İlkeleri (Design Methodology) (2 credits) Bu dersin amacı; araştırma yöntemleri, araştırma tasarımı ve adımları ve bir araştırma raporunun nasıl yazılacağı hakkında genel bir bakış açısı sağlamaktır. *(This course is given in Turkish.)*

İÇM202 Tasarımda Problem Çözme Teknikleri (Problem Solving Methods in Design) (2 credits) The aim of the course to to develop creative problem-solving techniques. *(This course is given in Turkish.)*

İÇM311 Sunum Teknikleri (Model Yapımı) (Presentation Techniques 1) (Model Making) (2 credits) Contains the presentation techniques of business proposals and project during the market studies. *(This course is given in Turkish.)*

İÇM319 Geleneksel Tasarım (Traditional Design 1) (2 credits) The course content involves the relationship between traditional architecture and design in terms of different settlements types. *(This course is given in Turkish.)*

İÇM385 Bilgisayar Destekli Tasarım (Computer Aided Design) 3 (2 credits) To acquire the skills to 3 dimensional design and drawing with the help of Computer Aided Design. *(This course is given in Turkish.)*

GOR205 Sosyal Bilimler Felsefes :Utopik Atölyeler (Philosophy of Social Sciences: Utopic Ateliers) (2 credits) The goal of this atelier, which is open to students from multiple disciplines, is to remove the barriers between fields, to offer the student an interdisciplinary and creative work environment, and to allow them to design and create projects that will help improving imagination of the student. First, the student's individual utopia design is discussed. Next, the course moves to preliminary work that will help clarifying how the project will be realized. *(This course is given in Turkish.)*

İÇM308 Mimarlık ve Yapı 2 (Architecture & Construction 2) (2 credits) Theoretical explanation and designing of factors comprising an architectural building, foundations, ground condition, foundation types, floors and constructions. *(This course is given in Turkish.)*

İÇM312 Sunum Teknikleri 2 (Portfolyo) Presentation Techniques 2 (Portfolio) (2 credits) It involves presentation techniques and behavior models related to the relationship between user groups, designers and customers. *(This course is given in Turkish.)*

İÇM320 Geleneksel Tasarım 2 (Traditional Design 2) (2 credits) The course content involves the relationship between traditional architecture and design in terms of different settlements types. *(This course is given in Turkish.)*

İÇM324 Mobilya Tasarım Tarihi 2 (History of Furniture Design 2) (2 credits) Contains the development of furniture design, social life and relationship issues and significant design cases and trend during the Industrial Revolution to the present time. *(This course is given in Turkish.)*

İÇM328 Mekan Tasarımı Tarihi (History of Spatial Design 2) (2 credits) Contains the development of spatial design, social life and relationship issues and significant design cases and trend during the Industrial Revolution to Present day. *(This course is given in Turkish.)*

İÇM378 Malzeme Maliyeti (Materials Cost 1) (2 credits) Contains lectures in major materials used in space and furniture design such as Wood, metal, glass, CTP and the subsidiary materials used in conjunction with these, the adhesives, nails, varnishes, floor coverings, upholstery fabrics. Student assignments encourage familiarizing with sample materials and discussions on the subject matter. *(This course is given in Turkish.)*

İÇM 398 Mimari Ölçüm (Architectural Survey) (2 credits) The purpose of this course is to systematically measure a certain built environment, and transfer this data into 2-dimensional platform by the help of technical drawing tools. *(This course is given in Turkish.)*

İÇM402 Profesyonel Deneyimler (Professional Experiences) (2 credits) This course is based on a context on providing the students a professional approach with the ability of creating budget estimates, the knowledge of progress payments and awareness of potential problems these process' may cause during the execution phases of design projects. *(This course is given in Turkish.)*

İÇM403 Boş Zaman Mekânları ve Deneyimleri (Leisure Spaces & Practices) (2 credits) *(See General Education)*

İÇM406 Mimarlık Yapı Bilgisi 3 (Architecture & Construction 3) (2 credits) This involves examining of the theoretical topics discussed in Architectural Construction Studies 1 and 2 courses, the architectural building knowledge, that they obtain, from the foundations up to the roof, on a given design, or on a design of their own. *(This course is given in Turkish.)*

İÇM411 Işık ve Renk (Lighting & Colour) (2 credits) Contains phases of light until the Present day, principles of lighting design and principles of interior lighting design. *(This course is given in Turkish.)*

İÇM413 Kültürel Mekanlar (Cultural Spaces) (2 credits) This course is a detailed review of some significant museums, libraries and educational institutions which are selected from domestic and abroad. *(This course is given in Turkish.)*

İÇM430 Fuar ve Stant Tasarımı (Exhibition Stand Design) (2 credits) This course contains the explanation of exhibition stand design process', and its associability with commercial purposes and design criteria. *(This course is given in Turkish.)*

İÇM440 Sosyal Çevre ve Tasarım (Social Environment and Design) (2 credits) The goal of this course is teach students to search the connection between the natural enviroment , the built enviroment and the social enviroment which are the part of the overall enviromental system and to do an analize with the social environment and design in this context. *(This course is given in Turkish.)*

İÇM448 Yapı Güvenliği (Building Safety) (2 credits) Fire is a significant potential threat for human health and property. However, architecture and design process has not given the enough emphasis to this issue. This course, by taking attention to the passive fire precautions, investigates the interaction between safety and human behaviors in different building types. *(This course is given in Turkish.)*

İÇM477 Bilgisayar Destekli Tasarım 4 (Computer Aided Design 4) (2 credits) The purpose of this course is to provide the ability to utilize 3D Studio Max, a software for modeling 3 dimensional spaces on digital platform for students and explain how to make visual presentations by combining the renders created in this program with the tools of Photoshop software. *(This course is given in Turkish.)*

Visual Communication Design (Turkish)

About Program

The Visual Communication Design Department aims to graduate artists and designers with background and skills in the disciplines of painting, visual communication design, photography and new media, who are capable of producing original works and concepts.

Objectives

The Visual Communication Design Department aims to graduate artists and designers with background and skills in the disciplines of painting, visual communication design, photography and new media, who are capable of producing original works and concepts. The total credits required for the satisfactory completion of the curriculum are 120 credits. The program additionally requires three internships each enduring 20 work days.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	*A	***L+P Hours	Credits
GSF101	Renk 1	Yes	Yes	2+0	2
GSF111	Desen 1	Yes	Yes	1+2	2
GSF121	2 Boyutlu Tasarım 1	Yes	Yes	1+2	2
GSF131	3 Boyutlu Tasarım 1	Yes	Yes	1+2	2
GSF151	Sanat Tarihi 1	Yes	Yes	2+0	2
TRD101	Türk Dili 1	Yes	Yes	2+0	2
ATA101	Atatürk İlkeleri ve İnkılap Tarihi 1	Yes	Yes	2+0	2
	Seçmeli Yabancı Dil Dersi / Üniversite Seçmeli Dersi*	No	Yes	2+2	3
	Fakülte Seçmeli Dersi	No	Yes	2+0	2
Total					19

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	*A	***L+P Hours	Credits
GSF102	Renk 2	Yes	Yes	2+0	2
GSF112	Desen 2	Yes	Yes	1+2	2
GSF122	2 Boyutlu Tasarım 2	Yes	Yes	1+2	2
GSF132	3 Boyutlu Tasarım 2	Yes	Yes	1+2	2
GSF152	Sanat Tarihi 2	Yes	Yes	2+0	2
TRD102	Türk Dili 2	Yes	Yes	2+0	2
ATA102	Atatürk İlkeleri ve İnkılap Tarihi 2	Yes	Yes	2+0	2
	Seçmeli Yabancı Dil Dersi / Üniversite Seçmeli Dersi*	No	Yes	2+2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Fakülte Seçmeli Dersi	No	Yes	2+0	2
GSF198	Estetik ve Sanat Felsefesi	Yes	Yes	2+0	2
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0+2	1
Total					22

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	*A	***L+P Hours	Credits
GIT215	Görsel İletişim Tasarımına Giriş	Yes	Yes	3+0	3
GIT217	Bilgisayar Destekli Tasarım 1	Yes	Yes	1+2	2
GIT219	Grafik tasarım 1	Yes	Yes	1+2	2
GIT221	Tipografi 1	Yes	Yes	1+2	2
GIT223	Çağdaş Sanat Yorumları 1	Yes	Yes	2+0	2
	Bölüm Seçmeli Dersi	Yes	Yes	1+2	2
	Yabancı Dil Dersi / Fakülte Seçmeli Dersi / Üniversite Seçmeli Dersi	No	Yes	2+0	2
Total					15

4th SEMESTER COURSE PLAN

Code	Course Title	*C	*A	***L+P Hours	Credits
GIT216	Yeni Medya Sanatı	Yes	Yes	2+0	2
GIT218	Bilgisayar Destekli Tasarım 2	Yes	Yes	1+2	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

GIT220	Grafik tasarım 2	Yes	Yes	1+2	2
GIT222	Tipografi 2	Yes	Yes	1+2	2
GIT224	Çağdaş Sanat Yorumları 2	Yes	Yes	2+0	2
	Bölüm Seçmeli Dersi	Yes	Yes	1+2	2
	Yabancı Dil Dersi / Fakülte Seçmeli Dersi / Üniversite Seçmeli Dersi	No	Yes	2+0	2
Total					14

5th SEMESTER COURSE PLAN

Code	Course Title	*C	*A	***L+P Hours	Credits
GIT321	Kavram Geliştirme Pratikleri 1	Yes	Yes	2+0	2
GIT323	Dijital Sinematografi Yapımı 1	Yes	Yes	1+2	2
GIT325	20. ve 21. Yy Sanatı 1	Yes	Yes	3+0	3
GIT327	Web Tasarımı 1	Yes	Yes	1+2	2
	Bölüm Zorunlu Seçmeli Dersi	Yes	Yes	2+2	3
	Yabancı Dil Dersi / Bölüm Seçmeli Dersi	Yes	Yes	1+2	2
INT001	Staj 1	Yes	Yes	0+0	0
Total					14

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

6th SEMESTER COURSE PLAN

Code	Course Title	*C	*A	***L+P Hours	Credits
GIT322	Kavram Geliştirme Pratikleri 2	Yes	Yes	2+0	2
GIT324	Dijital Sinematografi Yapımı 2	Yes	Yes	1+2	2
GIT326	20. ve 21. Yy Sanatı 2	Yes	Yes	3+0	3
GIT328	Web Tasarımı 2	Yes	Yes	1+2	2
	Bölüm Zorunlu Seçmeli Dersi	Yes	Yes	2+2	3
	Yabancı Dil Dersi / Bölüm Seçmeli Dersi	Yes	Yes	1+2	2
INT002	Staj 2	Yes	Yes	0+0	0
	Mezuniyete Hazırlık	Yes	Yes	0+0	0
Total					14

7th SEMESTER COURSE PLAN

Code	Course Title	*C	*A	***L+P Hours	Credits
GIT417	Proje	Yes	Yes	2+2	3
GIT419	Arayüz Tasarımı	Yes	Yes	1+2	2
STY403	Marka İletişimi ve Stratejik Marka Yönetimi	Yes	Yes	1+2	2
GIT423	Sanat Sosyolojisi	Yes	Yes	2+0	2
	Bölüm Zorunlu Seçmeli Dersi	Yes	Yes	2+2	3
	Yabancı Dil Dersi / Bölüm Seçmeli Dersi	Yes	Yes	1+2	2
	Staj 3	Yes	Yes	0+0	0
Total					14

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

8th SEMESTER COURSE PLAN

Code	Course Title	*C	*A	***L+P Hours	Credits
GIT418	Bitirme Projesi	Yes	Yes	0+2	1
GIT420	Portfolio Tasarımı	Yes	Yes	3+0	3
GIT426	Reklam Senaryosu ve Storyboarding	Yes	Yes	1+2	2
	Yabancı Dil Dersi / Bölüm Seçmeli Dersi / Üniversite Seçmeli Dersi	Yes	Yes	1+2	2
Total					8
Grand Total					120

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Course Descriptions

TRD111 Türk Dili I (Turkish 1) (2 credits) *(See General Education)*

TRD112 Türk Dili II (Turkish 2) (2 credits) *(See General Education)*

ATA111 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution 1) (1 credits) *(See General Education)*

ATA112 Atatürk İlkeleri ve İnkılap TarihiII (History of Turkish Revolution 2) (1 credits) *(See General Education)*

KYP001 Kariyer ve Yaşam (Career and Life Planning) (1 credits) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish.)*

GIT215 Görsel İletişim Tasarıma Giriş (Introduction to Visual Communication Design) (3 credits) The goal of this course is to introduce the student to the theoretical and applied works within visual arts, and to help the student gain a point of view and the ability ask question in this field. To achieve this, students go through a process of learning and research on a given set of themes chosen to encourage them to think visually on interactions between time, space and concepts. Then, students are expected to apply the experience they gained throughout this process into creating works. *(This course is given in Turkish.)*

GIT217 Bilgisayar Destekli Tasarım I (Computer Aided Design 1) (2 credits) The goal of this course is that students acquire a strong background in graphic design and digital media software, as well as industry standards in visual design and communication technologies. The course covers explanations of fundamental concepts of Microsoft Office and Adobe software (Photoshop, Freehand, Illustrator, etc) and applications. *(This course is given in Turkish)*

GIT219 Grafik Tasarım I (Graphic Design 1) (2 credits) The goal of the course is to unleash the imagination of the students and to develop their creativity. This is a project based course. The students are given theoretical information on new techniques in graphic design and they are assigned projects that involve creation of original graphic design works. *(This course is given in Turkish)*

GIT221 Tipografi I (Typography 1) (2 credits) The goal of this course is to underline to the students the importance of typography for the field of visual communication, and to ensure their ability to create original typographic designs. The course contains lectures on the transformation of writing as typographic element, the changes it has gone through throughout its history, font types, font properties, and application of typography within the context of these previous topics. In addition to this the course contains application assignments with calligraphy and logotype. *(This course is given in Turkish)*

GIT223 Çağdaş Sanat Yorumları 1 (Interpretations of Contemporary Art 1) (2 credits) The goal is to cover the Modernism from 1920s to the end of the WWII. During the course, the meaning of Avant-

garde is discussed. The important figures of Modernism are discussed along with other fields such as music, literature, and within the context of the cultural and political environment of the period. *(This course is given in Turkish)*

GIT216 Yeni Medya Sanatı (New Media Art) (2 credits) The goal of this course is to offer an introduction to New Media Art, analyze of important new media festivals such as Ars Electronica and Transmediale, exhibition and preserving techniques for New Media Artworks. *(This course is given in Turkish)*

GIT218 Bilgisayar Destekli Tasarım 2 (Computer Aided Design 2) (2 credits) The goal of this class is to give the students the ability to creatively solve unexpected and complicated design problems that they might face when working with visual communication design applications. This course is project based. By creatively solving digital media design problems and sketching, students turn the assigned projects into completed works. *(This course is given in Turkish)*

GIT220 Grafik Tasarım 2 (Graphic Design 2) (2 credits) The goal of this course is to teach students the use of images and words in a cohesive creativity to transform them into an effective visual language. This is a project based class. The students learn about the developing technology and continuous evolution of communication media, and their application areas. Students are given projects to complete for which they create original visual works that combines their theoretical knowledge and practical skills in graphic design. *(This course is given in Turkish)*

GIT222 Tipografi 2 (Typography 2) (2 credits) The goal of this course is to underline to the students the importance of typography for the field of visual communication, and to ensure their ability to create original typographic designs. The course contains lectures on the transformation of writing as typographic element, the changes it has gone through throughout its history, font types, font properties, and application of typography within the context of these previous topics. In addition to this the course contains application assignments with calligraphy and logotype. *(This course is given in Turkish)*

GIT224 Çağdaş Sanat Yorumları 2 (Interpretations of Contemporary Art 2) (2 credits) The goal of this course is to provide a detailed review of the contemporary art after 1945, and the setting that influenced the creation of post-modernism. It focuses on the effects of political and social conditions on the artists' work. This is a lecture based course. *(This course is given in Turkish)*

GIT321 Kavram Geliştirme Pratikleri 1 (Concept Improvement 1) (2 credits) The goal of this course is to introduce the concepts that have been and is being presented within the visual arts practice. This is a theory based course that examines the art practices, which changes over time, along with the concepts it interacts with and analyses the relationship in between. *(This course is given in Turkish)*

GIT323 Dijital Sinematografi Yapımı 1 (Digital Cinematography Production 1) (2 credits) The goal of this course is to provide a basic understanding of cinematography elements of sequence, plan and scene by dissecting and analyzing cinema history and contemporary movies. *(This course is given in Turkish)*

GIT325 20. ve 21. Yy Sanatı 1 (Art of 20th and 21st Century 1) (3 credits) *(See General Education*

GIT327 Web Tasarımı 1 (Web Design 1) (2 credits) *(See General Education*

GIT331 Deneysel Sanat Atölyesi I (Experimental Art Atelier 1) (2 credits) The goal of this course is to bring the student's ability to think on material and techniques beyond the limits of art. During the course, the students discuss the interaction of art with other academic fields, and create art through experimental applications. *(This course is given in Turkish) Prerequisite: GIT327.*

GIT335 Yeni Medya Atölyesi I (New Media Atelier 1) (3 credits) The goal of this course is to give the students the opportunity to experiment with intermedia digital space within a fine art context. The students develop their individual language through experimentation with a variety of media such as photography, video, text, sound and internet. The course has both lecture and application components and contains project assignments that includes website and interaction design. *(This course is given in Turkish)*

GIT337 Görsel İletişim Atölyesi I (Visual Communication Atelier 1) (3 credits) The goal of this course is to reinforce the students' knowledge in 2-D design in print media and that they can combine different methods into creative projects. The students complete a series of print media designs of professional quality that focuses on topics such as typography, page layout, corporate identity design, digital illustration and printmaking techniques. *(This course is given in Turkish)*

GIT322 Kavram Geliştirme Pratikleri (Concept Improvement 2) (2 credits) The goal of this class is to discuss on a conceptual level the new art forms brought by contemporary visual art practices. In this theoretical course the students analyze with an interdisciplinary approach the links between art and concept creation. *(This course is given in Turkish)*

GIT324 Dijital Sinematografi Yapımı 2 (Digital Cinematography Production 2) (2 credits) The goal of this course is to provide a basic understanding of cinematography elements of sequence, plan and scene by dissecting and analyzing cinema history and contemporary movies. *(This course is given in Turkish)*

GIT326 20. ve 21. Yy Sanatı 2 (Art of 20th and 21st Century 2) (3 credits) *(See General Education)*

GIT328 Web Tasarımı 2 (Web Design 2) (2 credits) *(See General Education)*

GIT332 Deneysel Sanat Atölyesi I (Experimental Art Atelier 2) (3 credits) The goal of this course involves social and visual research, and the process of creative production of forms within contemporary arts, through research, review and experimentation. The students research, and experiment with new ideas and new technologies, building their own language and artistic vision in the process. *(This course is given in Turkish) Prerequisite: GIT331.*

GIT336 Yeni Medya Atölyesi 2 (New Media Atelier 2) (2 credits) The goal of this course is to widen the student's background toward new forms of art within internet culture, virtual worlds and other digital possibilities, and to develop the student's creative identity. Building on their knowledge and experience from New Media Atelier 1, the students bring the rich variety of media within digital space, through its independent and interdisciplinary use, to their individual projects. They research the communication potential of this new space and the new forms of communication with audience possible in it. The course contains lectures and design projects that cover advanced web applications, social network analysis and interaction of various forms of communication. *(This course is given in Turkish) Prerequisite: GIT335.*

GIT338 Görsel İletişim Atölyesi 2 (Visual Communication Atelier 2) (3 credits)The goal of this course is to teach the students the visual language concepts of visual communication, its syntax, its rules and its correct use. In addition, the students reinforce all of the knowledge in design and fine arts they learned up to this point by applying it toward the project assignments. Theory of semiology is reviewed within the context of visual communication through various example works. The students complete projects that focus on topics such as visual communication methods, tools, language, and visual representation types. *(This course is given in Turkish) Prerequisite: GIT337.*

GIT417 Proje (Project) (3 credits)The goal of this course is to help the students combine all their accumulated knowledge within the field they chose to focus on, and create projects. *(This course is given in Turkish)*

GIT419 Arayüz Tasarımı (Interface Design) (2 credits) The goal of this course is to provide the design principles in creating user oriented interfaces for applications in mobile and portable media. *(This course is given in Turkish)*

GIT423 Sanat Sosyolojisi (Sociology of Art) (2 credits) The goal of this course is to guide the students through the discipline of Art Sociology which investigates sociological resources of art. In this context, how artists are affected by social and political events and how they try to affect political and social issues will be questioned. *(This course is given in Turkish)*

GIT431 Deneysel Sanat Atölyesi 3 (Experimental Art Atelier 3) (3 credits) The goal of this course is to reinforce the students' existing background to help them gain the ability to develop different forms of expressions, performance, text and different forms of presentation exploring the limits of imagination and the rich material language of art, and though a flow and dynamism that research new forms of expression, and push onto their personal limits. The course aims to allow the student to widen their point of view within their individual interest, to develop their technical skill and to enrich their identity as an artist. *(This course is given in Turkish) Prerequisite: GIT332.*

GIT435 Yeni Medya Atölyesi 3 (New Media Atelier 3) (3 credits) The goal of this course is to discuss the digital space with all its aspects as a new form of narration, and to allow the student to experiment with wide possibilities of the field as a whole. The students build on their knowledge and experiences from the previous New Media Ateliers to create individual projects. The course has both lecture and application components and includes assignments designed to give the students a point of view, technical background and evaluation ability in use of various communication forms such as photography, text, sound, video and internet. *(This course is given in Turkish) Prerequisite: GIT336.*

GIT437 Görsel İletişim Atölyesi 3 (Visual Communication Atelier 3) (3 credits) The goal of this course is to help the students develop original projects using a variety of media such as photography, video, animation, text, and sound. This course aims to prepare the students to their graduation project in the following semester and is project based. *(This course is given in Turkish) Prerequisite: GIT338.*

GIT418 Bitirme Projesi (Final Project) (1 credits) The goal of this course is to assist the students complete and presents a project that showcase their all their background within their focus. *(This course is given in Turkish) Prerequisite: GIT417.*

GIT420 Portfolio Tasarımı (Portfolio Design) (3 credits) The goal of this course is to guide the student through the creation of a photography portfolio that efficiently showcases their skill and

knowledge in use of new and traditional media tools. The students gain the ability to present quickly and efficiently their projects to an audience. The course covers lectures and assignments on topics in relation to creation of portfolios and presentation projects. *(This course is given in Turkish)*

GIT426 Reklam Senaryosu ve Storyboarding (Advertising Script and Storyboarding) (2 credits)

The goal of this course is to teach the building of script based on advertisement ideas and its preparation for presentation and recording. The students acquire the ability to write and storyboard advertisement scripts through lectures on various topics such as advertisement, advertisement media, and storyboarding techniques, and they complete assignments that allow them to express their creative ideas through a cinematic language. *(This course is given in Turkish)*

GIT428 Kurumsal Kimlik Tasarımı (Corporate Identity Design) (2 credits)

The goal of this course is to offer ways to create a visual branding of corporate entities. The course includes lectures on topics such as corporate image and branding, and the students are given assignments to apply their learning on these concepts. *(This course is given in Turkish)*

ELECTIVES

GIT101 Fotoğrafçılık (Photography) 1 (2 credits)

Building on basic level photography background, the goal of this course is to teach the ability to examine the technical and aesthetic elements of expression in photography. The course focuses on terms and concepts of photography and covers topics such as contrast, density, light, and depth of field through lectures and applications. *(This course is given in Turkish)*

GIT225 Dijital Fotoğrafçılık (Digital Photography 1) (2 credits)

The goal of this course is to give the students comprehensive information on digital photography and digital media applications, and on the industry standards. The students acquire necessary level of familiarity with the use of software as well as ability to use computing and communication technologies. The course includes lectures and applications involving retouching techniques and basic photo manipulation. *(This course is given in Turkish)*

GIT228 Masaüstü Yayıncılık (Desktop Publishing) (2 credits)

The goal of this course is to allow students to create traditional and online publishing projects that use creative ideas and techniques. The student learns about the history of publishing, fundamental concepts of desktop publishing, desktop publishing software and how it is used. At the end of the semester, the student completes and presents a creative project. *(This course is given in Turkish)*

GIT226 Dijital Fotoğrafçılık 2 (Digital Photography 2) (2 credits)

The goal of the course is to teach the use of necessary visual software and design tools. The students learn to use raster image editing software at an advanced level, and use design programs such as Adobe InDesign and Adobe Flash to complete various assignments. The course has both lecture and application components and supports the photography based design courses. *(This course is given in Turkish)*

GIT102 Fotoğrafçılık 2 (Photography 2) (2 credits)

Building on basic level photography background, the goal of this course is to teach the ability to examine the technical and aesthetic elements of expression in photography. The course focuses on terms and concepts of photography and covers topics such as contrast, density, light, and depth of field through lectures and applications. *(This course is given in Turkish)*

GIT339 Ambalaj Tasarımı (Packaging Design) (2 credits) The goal of this course is to teach the production and design techniques of packaging design, and their correct use. The lectures covers examples in context of packaging types and graphic design principles, and the students complete assignments on the topic using digital tools. *(This course is given in Turkish)*

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Psychology (Turkish)

About Program

The aim of the Psychology Department is to acquaint our students with different areas of psychology and provide an environment in which students can freely learn and discuss human behavior. On the basis of this understanding, our department aims to produce graduates who can incorporate their knowledge and thinking aptitudes, and who can develop a critical approach to all issues regarding human behavior. This will, as a result, enable them to channel their scientific knowledge into services for the benefit of mankind. Through a variety of activities, they learn to approach the study of behavior scientifically, develop an understanding of how psychologists do research and how that research contributes to our understanding of human and animal behavior. We believe that modern psychology education must have owned these criteria. Only that kind of education can produce psychologists who are scientist-practitioners. Interactions and affiliations of our department can be listed as the Turkish Psychological Association, Turkish Scientific and Technical Research Council (TÜBİTAK), T.R. Ministry of Development (DPT), various institutions and organizations including the Ministries of Health and Justice, Universities, Research Institutions, Institutes, and Alumni Association.

Goals

The department aims to enable students to gain a scientific approach to and relevant theoretical knowledge of psychology as well as competencies of pursuing new developments in psychology.

Objectives

The objectives of Psychology Program are to:

- offer a rigorous academic program in major fields of psychology
- conduct research projects and encourages students to actively take part in research projects
- provide necessary psychological expertise within various frameworks.
- encourage engagement in academic activities both in Turkey and abroad and provide all feasible support to ensure their active participation in such activities for those who choose to pursue a career in academia
- provide education and training which ensure that graduates possess a scientific background in and a practical understanding of human psychology for those who choose to pursue careers outside of academia.

The total credits required for the satisfactory completion of the curriculum are 120 credits. The program requires students to complete at least 12 courses (36 credits) which are offered in English and at least 8 courses (24 credits) which are specified as area electives in the program.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
PSI103	Psikolojiye Giriş I	Yes	Yes	3 + 0	3
PSY151	Statistics in Behavioral Sciences I	Yes	Yes	3 + 0	3
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
SOS103	Sosyoloji	Yes	Yes	3 + 0	3
	1st Semester Elective (English Foreign Language)	No	Yes	2 + 2	3
KYP001	Kariyer ve Yaşam	Yes	Yes	0 + 2	1

[+] 1. Semester Elective Course List

Total :	17
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2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
FEL102	Felsefe	Yes	Yes	3 + 0	3
PSI104	Psikolojiye Giriş II	Yes	Yes	3 + 0	3
PSY152	Statistics in Behavioral Sciences II	Yes	Yes	3 + 0	3
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
	2nd Semester Elective (English Foreign Language)	No	Yes	2 + 2	3

[+] 2. Semester Elective Course List

Total :	16
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3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
BIY201	Fizyoloji	Yes	Yes	3 + 0	3
PSI201	Araştırma Teknikleri I	Yes	Yes	2 + 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

PSI213	Öğrenme Psikolojisi	Yes	Yes	3 + 0	3
PSI221	Sosyal Psikoloji I	Yes	Yes	3 + 0	3
PSI231	Gelişim Psikolojisi I	Yes	Yes	3 + 0	3

[+] **3. Semester Elective Course List**

Total :	15
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4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
PSI202	Araştırma Teknikleri II	Yes	Yes	2 + 2	3
PSI212	Bilişsel Psikoloji	Yes	Yes	3 + 0	3
PSI222	Sosyal Psikoloji II	Yes	Yes	3 + 0	3
PSI232	Gelişim Psikolojisi II	Yes	Yes	3 + 0	3
PSY252	Psikolojide İstatistik Uygulamaları	Yes	Yes	3 + 0	3

[+] **4. Semester Elective Course List**

Total :	15
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5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
PSI313	Fizyolojik Psikoloji	Yes	Yes	3 + 0	3
PSI343	Kişilik Kuramları I	Yes	Yes	3 + 0	3
	5th Semester Seçmeli Yabancı Dil (English Foreign Language/Department/University)	No	Yes		3
	5th Semester Seçmeli Yabancı Dil (English Foreign Language/Department/University)	No	Yes		3
	5th Semester Seçmeli Yabancı Dil (English Foreign Language/Department/University)	No	Yes		3

[+] **5. Semester Elective Course List**

Total :	15
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
PSI356	Endüstri Psikolojisi	Yes	Yes	3 + 0	3
PSI346	Psikopatoloji	Yes	Yes	3 + 0	3
	6th Semester Seçmeli Yabancı Dil (University/Department/ English Foreign Language/University)	No	Yes		3
	6th Semester Seçmeli Yabancı Dil (University/Department/English Foreign Language/University)	No	Yes		3
	6th Semester Seçmeli Yabancı Dil (University/Department/ English Foreign Language/University)	No	Yes		3

[+] 6. Semester Elective Course List

Total :	15
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7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
PSI405	Psikolojide Etik İlkeler	Yes	Yes	3 + 0	3
	7th Semester Seçmeli Yabancı Dil (English ForeignLanguage/Faculty/Department/University)	No	Yes		3
	7th Semester Seçmeli Yabancı Dil (English ForeignLanguage/Faculty/Department/University)	No	Yes		3
	7th Semester Seçmeli Yabancı Dil (English ForeignLanguage/Faculty/Department/University)	No	Yes		3
	7th Semester Seçmeli Yabancı Dil (English ForeignLanguage/Faculty/Department/University)	No	Yes		3

[+] 7. Semester Elective Course List

Total :	15
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*C: Compulsory
 **A: Average
 *** L + P: Lecture + Practice

8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
PSY410	Sağlık Psikolojisi	Yes	Yes	3 + 0	3
	8th Semester Seçmeli Yabancı Dil (English ForeignLanguage/Faculty/Department/University)	No	Yes		3
	8th Semester Seçmeli Yabancı Dil (English ForeignLanguage/Faculty/Department/University)	No	Yes		3
	8th Semester Seçmeli Yabancı Dil (English ForeignLanguage/Faculty/Department/University)	No	Yes		3
[+] 8. Semester Elective Course List					
Total :					12
Grand Total					120

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

TRD101 Türk Dili I (Turkish I) (2 credits) (*See General Education*)

TRD102 Türk Dili II (Turkish II) (2 credits) (*See General Education*)

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution 2) (2 credits) (*See General Education*)

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution 2) (2 credits) (*See General Education*)

KYP001 Kariyer ve Yaşam (Career and Life Planning) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about Professional life and prepare for it during their studies since the first years of their undergraduate education. (*This course is given in Turkish.*)

SOS103 Sosyoloji (Sociology) (3 credits) The aim of this course is to provide the fundamentals of sociological concepts and theories along with its methodology and its reasoning. It covers political, economic and cultural aspects of societies. It analyses the relation between individuals and the society they are in. The course also addresses how social and historical conditions have shaped sociology itself: how the discipline has evolved spatially, temporally as well as hierarchically. In view of all this, social lives in Turkey and in other exemplary countries are compared. (*This course is given in Turkish.*)

FEL102 Felsefe (Philosophy) (3 credits) The aim of this course is to present a cogent and understandable picture of the nature and purpose of philosophy. This course examines how different views of philosophy lead to differing views about the necessity of morality, the nature of truth, and the role of community in intellectual inquiry and explores contemporary approaches to ethics and values, truth, wisdom. (*This course is given in Turkish.*)

PSI101 Psikoloji (Psychology) (3 credits) (*See General Education*)

PSI105 Davranış Bilimleri (Behavioral Sciences) (3 credits) (*See General Education*)

PSI263 Sosyal Psikoloji (Social Psychology) (3 credits) (*See General Education*)

BIY201 Fizyoloji (Physiology) (3 credits) This course studies the anatomical and biochemical basis of the respiratory, urinary, circulating system and nervous system that are situated on the basis of human's biological vitality. (*This course is given in Turkish.*)

PSI103/PSI104 Psikolojiye Giriş I-II (Introduction to Psychology I-II) (3 credits) The aim of this course is to provide a general overview focusing on the scientific study of the behavioral and mental

processes. The course presents introductory information on the history of psychology, research methods in psychology, the biological basis of behavior, cognitive processing, social influences, developmental psychology, learning, psychopathology and theories of personality. *(This course is given in Turkish.)*

PSY151 Davranış Bilimlerinde İstatistik I (Statistics in Behavioral Sciences I) (3 credits) The purpose of this course is to introduce students to basic statistical concepts and techniques relevant to psychological research. Topics covered include descriptive statistics, probability, statistical decision, population, sample and statistical inference, frequency distribution, measures of central tendency and variability, probability and sampling distributions, calculations of z-scores.

PSY152 Davranış Bilimlerinde İstatistik I (Statistics in Behavioral Sciences II) (3 credits) The purpose of this course is to introduce students to hypothesis testing in behavioral sciences. Topics covered include t-statistics, analysis of variance, estimation, simple linear regression and correlation and non-parametric tests. Students are expected to choose appropriate statistical tests, make decisions based on calculations and report statistical analyses. *Prerequisite: PSY151.*

PSI201 Araştırma Teknikleri I (Research Methods I) (3 credits) This course provides an introduction to psychological research techniques and methodology. Topics covered include the basic principles of designing research, practical and ethical issue in planning research, experimental and non-experimental research designs, sampling strategies and data gathering methods. *(This course is given in Turkish.)*

PSI202 Araştırma Teknikleri II (Research Methods II) (3 credits) This course continues instruction begun in PSI 201 and requires students to do a small-scale research and critically evaluate published research articles. Key factors for planning and implementing research studies are reviewed and illustrated in detail. *(This course is given in Turkish.) Prerequisite: PSI201.*

PSI212 Bilişsel Psikoloji (Cognitive Psychology) (3 credits) This course serves as a general introduction to the field of cognitive psychology. Topics covered include information processing, attention, memory, retrieval and coding, decision making and problem solving, learning, and language. *(This course is given in Turkish.)*

PSI213 Öğrenme Psikolojisi (Learning Psychology) (3 credits) This course is an introduction to the key concepts and principles that explain human and animal learning. Topics covered include historical perspectives of early learning theories, prevailing theories of human development, classical and operant conditioning. *(This course is given in Turkish.)*

PSI221/PSI222 Sosyal Psikoloji I-II (Social Psychology I-II) (3 credits) This course offers a broad introduction to social psychology, the scientific study of human social influence and interaction. Topics covered include social cognition, social perception, attitudes and attitude change, conformity, justification of our actions, group processes, interpersonal attraction, prosocial behavior, aggression and prejudice. Additionally, social psychological research and theories in Turkey are reviewed, and students are encouraged to evaluate and explore critically the limits of Western theories of social psychology. *(This course is given in Turkish.)*

PSI231/PSI232 Gelişim Psikolojisi I-II (Developmental Psychology I-II) (3 credits) The purpose of this course is to familiarize students with the lifespan development perspective. It provides an in-depth study of theories and basic concepts in developmental psychology. Topics covered include the history of

developmental psychology, research methods in developmental psychology, prenatal development, developmental stages of newborns and infants as well as cognitive, physical, social, emotional, and personality developments during childhood, adolescence, early adulthood, middle age and old age. *(This course is given in Turkish.)*

PSY252 Psikolojide İstatiksel Uygulamalar (Statistical Applications in Psychology) (3 credits) This object of the course is to provide an introduction to computer statistical applications in psychological research. This course emphasizes the use of SPSS applications that are frequently used in Behavioral Sciences. *(This course is given in English.) Prerequisite: PSY152.*

PSI303 / PSI304 Alan Çalışması I-II (Field Studies I-II) (3 credits) This course provides students an opportunity to observe children in nurseries and other relevant children-centered institutions. The aim is to help students to learn about child development through interactions with young children at different ages. *(This course is given in Turkish.)*

PSI306 Bağımsız Çalışma (Independent Study) (3 credits) The aim of this course is to provide the student with necessary knowledge and skills to conduct an independent research project. In this course students will learn how to formulate a research question, conduct literature review, present a research proposal, collect and analyze data, and write a research paper adhering to the Publication Manual of the American Psychological Association. *(This course is given in Turkish.)*

PSI310 GÜDÜ VE DUYGULAR (Motivations and Emotions) (3 credits) The aim of this course is to discuss the mechanisms of basic mammalian motives and emotions across evolutionary, developmental, physiological, and social contexts. Within this framework, the autonomous nervous system, endocrinal system, hypothalamus, limbic system; basic motivation and emotion theories, basic mechanisms of hunger, thirst, sexual and psychosocial motives will be studied in detail. *(This course is given in Turkish.)*

PSI311 / PSI312 Bilişsel Psikolojide Seçme Konular I-II (Selected Topics in Cognitive Psychology I-II) (3 credits) The purpose of this course is to provide an in-depth analysis of new issues within the field of cognitive psychology. Sample content includes perception, attention, memory, decision making, problem solving, learning and language. *(This course is given in Turkish.)*

PSI313 Fizyolojik Psikoloji (Physiological Psychology) (3 credits) This course studies the biological bases of human behavior . It provides introduction information on nervous system anatomy and physiology and presents the biological concepts underlying emotion, motivation, learning, and memory. *(This course is given in Turkish.)*

PSI321 Kişilerarası İlişkiler (Interpersonal Relationships) (3 credits) The aim of this course is to provide an in-depth study of the theories of interpersonal relations and explore the variables in interpersonal interactions as they occur in daily interactions. *(This course is given in Turkish.)*

PSY322 İletişim (Communication) (3 credits) The aim of this course is to provide students with basic communication skills and help them to explore and improve interpersonal communications as they occur in daily interactions and professional settings. *(This course is given in English.)*

PSY323/PSY324 Aileye Yönelik Yaklaşımlar I - II (Theoretical Approach to Interactions in Family I-II) (3 credits)The purpose of this course is to provide a broad overview of and an interdisciplinary perspective on families in a changing world. Students explore a variety of family related roles, identities and relations including couple relations, parental roles, childhood and adolescence. This course also provides an overview of domestic violence, divorce, psychological difficulties in families and family/couple based interventions. Additionally, research and theories on families in Turkey are reviewed. *(This course is given in English.)*

PSY325/PSY326 Toplumsal Cinsiyet I – II (Gender I-II) (3 credits)The purpose of this course is to provide a general review of the empirical research and conceptual discussions surrounding gender. This course explores the implications of gender for relationships and psychological health.*(This course is given in English.)*

PSI329 / PSI330 Kültürlerarası Psikoloji I-II (Cross Cultural Psychology I-II) (3 credits) The aim of this course is to study the behavioral differences in various parts of the world and the interaction between culture and behavior. This course provides students with the knowledge of intercultural theories and research and encourages them to critically evaluate contemporary psychological theories from an intercultural perspective. *(This course is given in Turkish.)*

PSI331 Gelişim Psikolojisinde Seçme Konular (Selected Topics in Developmental Psychology) (3 credits) The aim of this course is to present the researches, techniques and principles in the field of developmental psychology and to examine the concepts such as attitudes in child care, attachment styles, gender and moral development. *(This course is given in Turkish.)*

PSI332 Uygulamalı Gelişim Psikolojisi (Applied Developmental Psychology) (3 credits) The aim of this course is to provide students an opportunity to conduct a project about biological, cognitive and social development under supervision, make an oral presentation and present a written report. *(This course is given in Turkish.)*

PSI343 / PSI344 Kişilik Kuramları I-II (Personality Theories I-II) (3 credits) The aim of this course is to evaluate the basic concepts of personality and to provide an in-depth study of the personality theories. *(This course is given in Turkish.)*

PSI346 Psikopatoloji (Psychopathology) (3 credits) The purpose of this course represents a general knowledge of the broad spectrum of psychopathological conditions as defined in the DSM-IV-TR and DSM-V. Through readings and class discussions, the course provides etiology, epidemiology, signs and symptoms, as well as differential diagnosis for the selected mental disorders. *(This course is given in Turkish.)*

PSI354 Ölçme ve Değerlendirme (Testing and Assessment) (3 credits) The aim of this course is to introduce the basic principles of psychological assessment. This course provides knowledge of measuring, measurement types, measuring psychological characteristics, methods of developing measurement materials, basic principles of psychological measurement, psychometrical features, standardization, validity, reliability, norm value studies, basic statistics such as correlation, regression, factor analysis related to psychological measuring and assessment. *(This course is given in Turkish.)*

PSY355 / PSY356 Evrimsel Psikoloji I - II (Evolutionary Psychology I-II) (3 credits) The aim of this course is to examine human behavior and cognition capacities from an adaption perspective. The

content of this course are Darwin's theory of evolution and more recent theoretical developments related to this and the evolutionary basis of male and female mating strategies. The course also discusses how evolutionary thinking istobe a conceptual framework for integrating the overall psychology. (*This course is given in English.*)

PSI356 Endüstri Psikolojisi (Industrial Psychology) (3 credits) The purpose of this course is to teach the students the basic principles of Industrial and Organizational Psychology and how the psychological and psychometrical theories are applied at work and organizational settings. It is also aimed to enable students for gaining the necessary competencies for understanding the workplace problems from psychological point of view in a way that at least they can make basic suggestions on the solutions of behavior related problems. Moreover they are informed in detail with the necessary psychometric properties of the Psychological Assessment tools that are used in work settings and the ethical issues related with these tools. (*This course is given in Turkish.*)

PSI359 Çevre Psikolojisi (Environment Psychology) (3 credits) The aim of this course is to study the interactions between human and his environment, to promote the role of the environment in everyday life, to examine the field of environmental psychology, its major concepts, theories and methods, to study the effects of physical and social environment on human psychology, to interpret the effects of physical, chemical, biological and social environment surrounding human on the health, to focus on the importance of environment for life and, to gain environmental sensitivity. (*This course is given in Turkish.*)

PSI401/PSI402 Adli Psikoloji I-II (Forensic Psychology I-II) (3 credits) The aim of this course is to introduce the issues facing forensic psychology, one of the psychology fields, to address practical issues related to this subject and to evaluate the benefits brought by the application made in this area. (*This course is given in Turkish.*)

PSI405 Psikolojide Etik İlkeler (Ethical Principles in Psychology) (3 credits) The aim of this course is to inform students who will be at different areas of application and academics in a wide range of professional psychology about ethical dilemmas, infringements and solutions that they will face with; to teach psychology undergraduate graduate students the basic ethical principles to be followed in the field of psychology n Turkey and, to convey the principles of professional ethics through case examples from various fields. Thus,it is aimed to create a mechanism that students will check themselves. (*This course is given in Turkish.*)

PSI406 Psikoloji Tarihi (History of Psychology) (3 credits) The aim of this course is to examine the scientific basis of modern psychology and the basic issues of structuralism ;functionalism; behaviorism;Gestalt; psycho analysis ;humanistic and cognitive psychology approach. (*This course is given in Turkish.*)

PSY410 Sağlık Psikolojisi (Health Psychology) (3 credits)The purpose of this course is to introduce the field of health psychology and addresses health, illness and healthcare issues with biopsychosocial approach.(*This course is given in English.*)

PSI414 Deneysel Psikolojide Seçme Konular (Selected Topics in Experimental Psychology) (3 credits) The aim of this course is to criticize the current issues in the field of experimental psychology such as perception, attention, memory and learning; to evaluate the contributions of new developments and current applications as theoretical and methodological assessment and, to make an application in a selected area of cognitive psychology. (*This course is given in Turkish.*)

PSI415/PSI416 Nöropsikolojik Testler I-II (Neuropsychological Tests I-II) (3 credits) The aim of this course is to introduce the neuropsychology and its branches, the basic techniques and approaches, the neuropsychological assessment field and the stages of the neuropsychological test standardization; teaching some of the neuropsychological tests' application and scoring; explaining the cognitive processes that neuropsychological tests measure. In addition, this course aims to conduct researches through the use of neuropsychological tests in 'healthy' individuals. This course aims to introduce the neuropsychology and its branches, the basic techniques and approaches, the neuropsychological assessment field and the stages of the neuropsychological test standardization; teaching some of the neuropsychological tests' application and scoring; explaining the cognitive processes that neuropsychological tests measure. *(This course is given in Turkish.)*

PSI421 Sosyal Psikolojide Araştırmalar (Research in Social Psychology) (3 credits) The aim of this course is to provide information about recent research findings on any of the issues under the heading of self that can be dealt within the framework of social psychological approaches. *(This course is given in Turkish.)*

PSI422 Sosyal Psikolojide Seçme Konular (Selected Topics in Social Psychology) (3 credits) The aim of this course is to provide information about recent research findings on aggression, gender, environmental psychology in the framework of the social psychological approach. *(This course is given in Turkish.)*

PSI426 Trafik Psikolojisi (Traffic Psychology) (3 credits) The aim of this course is to define the basic concepts, approaches and techniques and psycho-assessment practices in the field of traffic psychology. *(This course is given in Turkish.)*

PSI431 Bilişsel Gelişim (Cognitive Development) (3 credits) The aim of this course is to identify cognitive processes, to provide information about attention, KSB and USB and age-dependent changes in intelligence, to explain the biological and environmental factors playing a role in these changes and, to define important paradigmas facing to review cognitive development. *(This course is given in Turkish.)*

PSI432 Sosyal Gelişim (Social Development) (3 credits) The aim of this course is to evaluate the formation of the first relationship; the perception of self and others; family, parents and socializing; influences outside family; socialization and social development and tests to assess the social development. *(This course is given in Turkish.)*

PSI433/PSI434 Atipik Çocuk Psikolojisi I-II (Atypical Psychology I-II) (3 credits) The aim of this course is to present forms, symptoms, etiology of atypical child psychology and related terms; to make an assessment about hearing impaired children, speech disorders, children with mental disability, children with superior intelligence, children with adaptation problems, children in need of protection, visually impaired children, children with learning disability, children with physical disability, children with autism, children with cerebral palsy, children with epilepsy and the children with emotional and behavioral problems in terms of diagnosis and rehabilitation. The course also aims to emphasize the importance of psychological support and working as a team. *(This course is given in Turkish.)*

PSI435/PSI436 Görüşme Teknikleri I - II (Interview Techniques I - II) (3 credits) The aim of this course is to define external factors and atmosphere of interview, internal factors and atmosphere of interview, opening the first interview, initiation, development and closing, attitudes and behavior in interview, recording the interview, questioning and varieties of question, communication, responses and leads in interview. *(This course is given in Turkish.)*

PSI437 Psikopatolojide Seçme Konular (Selected Topics in Psychopathology) (3 credits) The purpose of this course is to represent a general knowledge of the broad spectrum of psychopathological conditions as defined in the DSM-IV-TR and DSM-V. Through readings and class discussions, the course provides etiology, epidemiology, signs and symptoms, as well as differential diagnosis for the selected mental disorders. *(This course is given in Turkish.) Prerequisite: PSI346 Psikopatoloji*

PSI440 Klinik Psikolojide Seçme Konular (Selected Topics in Clinical Psychology) (3 credits) The aim of this course is to introduce the field of clinical psychology to students and to provide general information about the tasks of clinical psychologist, interesting subjects, the use of assessment methods and psychotherapy. *(This course is given in Turkish.)*

PSI441 Klinik Psikoloji (Clinical Psychology) (3 credits) The aim of this course is to introduce the field of clinical psychology to students and to provide general information about the tasks of clinical psychologist, interesting subjects, the use of assessment methods and psychotherapy. *(This course is given in Turkish.)*

PSI443 / PSI444 Psikolojik Testler I - II (Psychological Tests I – II) (3 credits) The aim of this course is to examine the concept of psychological test in each sub-field of psychology in detail and to teach students the content and the use of it, its technical and theoretical basis, validity and reliability in test development, standardization, forming scale items and, the evaluation of commonly used scales. Besides the evaluation of important issues such as ethical dimensions, this course aims to teach students the objectives and areas of application. *(This course is given in Turkish.)*

PSI445 Psikolojide Kriz ve Krize Müdahale (Trauma Psychology) (3 credits) The aim of this course is to discuss the recognition of a possible post-traumatic stress disorder, its symptoms, causes, stages, the identification of its effects on risk groups and the necessary approach towards victims. *(This course is given in Turkish.)*

PSI447 / PSI448 Psikoterapi Teknikleri I-II (Psychotherapy Techniques I-II) (3 credits) The aim of this course is to provide general information about the nature and the use of psychotherapy, to examine psychoanalysis in a historical perspective, structuralism, behaviorism, existentialism as well as the current theoretical approaches, and to teach applied psychotherapy techniques. *(This course is given in Turkish.)*

Prerequisites: PSI341 Psikopatoloji ,PSI343 Kişilik Kuramları I

PSI451 Endüstri Psikolojisinde Seçme Konular (Selected Topics in Industrial Psychology) (3 credits) The purpose of this course is to teach the students the basic principles of Industrial and Organizational Psychology and how the psychological and psychometrical theories are applied at work and organizational settings. It is also aimed to enable students for gaining the necessary competencies for understanding the workplace problems from psychological point of view in a way that at least they can make basic suggestions on the solutions of behavior related problems. Moreover they are informed in detail with the necessary psychometric properties of the Psychological Assessment tools that are used in work settings and the ethical issues related with these tools. *(This course is given in Turkish.)*

PSI452 Endüstri Psikolojisinde Ölçme ve Değerlendirme (Testing and Assesment in Industrial Psychology) (3 credits) The aim of this course is to understand the measurement principles in psychological testing and applying these principles to industry related measurement tools like ability

tests, and personality inventories, and other measurement technics used in personnel selection and promotion. *(This course is given in Turkish.)*

PSI453 / PSI454 Danışmanlık Psikolojisi I-II (Counseling Psychology I-II) (3 credits) The aim of this course is to discuss how to determine the psychological problems of students, defining the precautions to secure effective atmosphere of education, prepare the students for counselling the others they meet in the schools and working life. *(This course is given in Turkish.)*

PSI456 Sağlık Psikolojisinde Seçme Konular (Selected Topics in Health Psychology) (3 credits) The purpose of this course is to introduce the field of health psychology and addresses health, illness and healthcare issues with biopsychosocial approach. *(This course is given in Turkish.)*

Sociology (Turkish)

About Program

The undergraduate program in sociology provides students with a solid foundation, as it covers major sociological concepts, sociological theory, and research methods. The basic education given in the department is complemented by elective courses, practical training, and applied courses. Being a graduate of the sociology department means a wide range of career opportunities and the chance to rise through the ranks, from entry level to administrative positions in a variety of public and private institutions, where they will be able to conduct relevant research projects and analyze data in a critical and insightful manner. Our department aims to contribute to the increase in the quality and quantity of social scientific production by fostering in students the ability to analyze social life and societies in a critical and methodical manner. To this end, we strive to engage in the construction of a socially embedded form of social science which has the capacity to become a unique school of thought in Turkey, and at the same time in a practice of social science that is on par with the standards of today's globalized world.

Goals

Our department encourages interdisciplinary study and work of all kinds which helps Turkey to integrate with the global academic community. Ultimately, we endeavor to enhance our graduates' employment opportunities, by fulfilling the needs of both the private and the public sectors.

It is within the framework of these objectives that Okan University is committed to conforming with the ethical norms accepted and promoted by **TUBITAK** (Scientific and Technological Research Council of Turkey), YOK (Council of Higher Education) and TUBA (Turkish Academy of Sciences), as well as the global scientific community, in its research, education, and publications.

Objectives

- Offers a rigorous academic program in major fields of sociology.
- Creates research projects and encourages students to actively take part in its own and other research projects.
- Introduces various aspects of the social sciences not only to students of its own department, but to students of other departments as well.
- Provides necessary sociological expertise within various frameworks.
- For those who choose to pursue a career in academia, the department encourages engagement in academic activities both in Turkey and abroad and provides all feasible support to ensure their active participation in such.
- For those who choose to pursue careers outside of academia, the department provides education and training which ensures that graduates prioritize scientific knowledge and possess a practical understanding of Turkey and the world.
- Organizes internships and meetings with various national and international institutions and organizations, thus increasing students' employment chances.

The total credits required for the satisfactory completion of the curriculum are 120 credits. The program requires students to complete at least 4 courses (12 credits) which are specified as area electives in the program.

CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
PSI101	Psikoloji	Yes	Yes	3 + 0	3
SOS 101	Sosyolojiye Giriş I	Yes	Yes	3 + 0	3
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
SOS105	İnsanlık ve Kültür Tarihi I	Yes	Yes	3 + 0	3
HUK107	Hukuk Başlangıcı	Yes	Yes	3 + 0	3
	Seçmeli Yabancı Dil Dersi	Yes	Yes	3 + 0	3

[+] 1. Semester Elective Course List

Total :	19
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2. SEMESTER COURSE PLAN¹²⁹

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
SOS102	Sosyolojiye Giriş II	Yes	Yes	3 + 0	3
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
SOS106	İnsanlık ve Kültür Tarihi II	Yes	Yes	3 + 0	3
KYP001	Kariyer ve Yaşam	Yes	Yes	1 + 0	1
	Seçmeli Yabancı Dil Dersi	Yes	Yes	3 + 0	3
SOS 104	Sosyolojide Felsefi Yaklaşımlar	Yes	Yes	3+0	3

[+] 2. Semester Elective Course List

Total :	17
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3. SEMESTER COURSE PLAN¹³⁰

Code	Course Title	*C	**A	***L+P Hours	Credits
PSI263	Sosyal Psikoloji	Yes	Yes	3 + 0	3
SOS201	Klasik Sosyoloji Kuramları	Yes	Yes	3 + 0	3
SOS203	Sosyal Bilimlerde Araştırma Yöntemleri	Yes	Yes	2 + 2	3
SOS205	Türk Sosyoloji Tarihi I	Yes	Yes	3 + 0	3
SOS207	Osmanlı Dönemi Toplumsal Yapısı	Yes	Yes	3 + 0	3
	Seçmeli Bölüm/Fakülte/Üniversite Dersi	No	Yes	3 + 0	3

[+] 3. Semester Elective Course List

Total :	18
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4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SOS202	Aile Sosyolojisi	Yes	Yes	3 + 0	3
SOS204	Sosyal Bilimlerde İstatistik	Yes	Yes	2 + 2	3
SOS208	Türkiye'nin Toplumsal Yapısı	Yes	Yes	3 + 0	3
SOS210	Kültürel Antropoloji	Yes	Yes	3 + 0	3
SOS206	Örgüt Sosyolojisi	Yes	Yes	2 + 2	3
	Seçmeli Bölüm/Fakülte/Üniversite Dersi	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Total :	18
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5. SEMESTER COURSE PLAN¹³¹

Code	Course Title	*C	**A	***L+P Hours	Credits
SOS301	Çağdaş Sosyoloji Kuramları	Yes	Yes	3 + 0	3
SOS303	Sosyal Tabakalaşma	Yes	Yes	3 + 0	3
SOS305	Kent Sosyolojisi	Yes	Yes	3 + 0	3
	Seçmeli Bölüm/Fakülte/Üniversite Dersi	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 5. Semester Elective Course List

Total :	12
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6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SOS302	Endüstri Sosyolojisi	Yes	Yes	3 + 0	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Seçmeli Bölüm/Fakülte/Üniversite Dersi	No	Yes	3 + 0	3

[+] 6. Semester Elective Course List

Total :	12
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7. SEMESTER COURSE PLAN¹³²

Code	Course Title	*C	**A	***L+P Hours	Credits
SOS401	Sosyolojide Güncel Tartışmalar I	Yes	Yes	3 + 0	3
	Seçmeli Bölüm/Fakülte/Üniversite Dersi	No	Yes	3 + 0	3
	Seçmeli Fakülte/Üniversite Dersi	No	Yes	3 + 0	3
	Seçmeli Üniversite /Yabancı Dil Dersi	No	Yes	3 + 0	3

[+] 7. Semester Elective Course List

Total :	12
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8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SOS402	Sosyolojide Güncel Tartışmalar II	Yes	Yes	3 + 0	3
	Seçmeli Bölüm/Fakülte Dersi	No	Yes	3 + 0	3
	Seçmeli Üniversite Dersi	No	Yes	0 + 0	3
	Seçmeli Üniversite/Yabancı Dil Dersi	No	Yes	0 + 0	3

[+] 8. Semester Elective Course List

Total :	12
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Grand Total	120
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

TRD101 Türk Dili I (Turkish I) (2 credits) (*See General Education*)

TRD102 Türk Dili II (Turkish II) (2 credits) (*See General Education*)

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution I) (2 credits) (*See General Education*)

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution 2) (2 credits) (*See General Education*)

KYP001 Kariyer ve Yaşam (Career and Life Planning) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about Professional life and prepare for it during their studies since the first years of their undergraduate education. (*This course is given in Turkish.*)

HUK107 Hukuk Başlangıcı (Introduction to Law) (3 Credits) The purpose of this course is to develop a conceptual point of view related to the legal concepts, organizations and the underlying values. (*This course is given in Turkish.*)

SOS101 Sosyolojiye Giriş I (Introduction to Sociology I) (3 Credits) This course provides the fundamentals of sociological concepts and theories along with its methodology and its reasoning. It covers political, economic and cultural aspects of societies. It analyses the relation between individuals and the society they are in. The course also addresses how social and historical conditions have shaped sociology itself: how the discipline has evolved spatially, temporally as well as hierarchically. In view of all this, social lives in Turkey and in other exemplary countries are compared. (*This course is given in Turkish.*)

PSI101 Psikoloji (Psychology) (3 Credits) The aim of this course is to teach the main theories and concepts of psychology, the process information, the biological basis of behavior, and the concept of life-long development. (*This course is given in Turkish.*)

SOS102 Sosyolojiye Giriş II (Introduction to Sociology II) (3 Credits) The course touches on several aspects of social life such as daily interactions and practices, stages of human life (childhood, adulthood and aging bodies), poverty and affluence, the “Other” question, globalization and localization, religion, media, education, social deviation, urban and environmental issues. Theories and concepts around these will be discussed and evaluated with regard to Turkey. (*This course is given in Turkish.*)
Prerequisite: SOS 101.

SOS103 Sosyoloji (Sociology) (3 Credits) This course provides the fundamentals of sociological concepts and theories along with its methodology and its reasoning. It covers political, economic and cultural aspects of societies. It analyses the relation between individuals and the society they are in. The course also addresses how social and historical conditions have shaped sociology itself: how the discipline has evolved spatially, temporally as well as hierarchically. In view of all this, social lives in Turkey and in other exemplary countries are compared. (*This course is given in Turkish.*)

SOS104 Sosyolojide Felsefi Yaklaşımlar (Philosophical Approaches in Sociology) (3 Credits)

Whithin the scope of this course students will gain a critical and comperative analyses on basic social sciencists' ideas some of the which are Hegel, Bourdieu, Marx and Durkheim. On the other hand theories and concepts around these will be discussed and evaluated with regard to contemporary Turkey. It focuses on analyzing the philosophical principals of Levi-Strauss, Geertz and Bourdieu. *(This course is given in Turkish.)*

SOS105 İnsanlık ve Kültür Tarihi I (History of Humanity and Culture I) (3 Credits)

This course aims to open a way to fruitful discussion on the basis of these two interrelated questions: "How did human being come into existence?"; and "How did human being turn into 'human' in real meaning of the term?" Of these two questions, the first tries to conceive us, the human beings, in relation to their natural (biological) realm of existence. The second question on the other hand focuses on culture that is a unique capacity for human and addresses to the question as to how culture as an activity which makes humans "super-organic" beings emerged and evolved. *(This course is given in Turkish.)*

SOS106 İnsanlık ve Kültür Tarihi II (History of Humanity and Culture II) (3 Credits)

As a continuation of SOS 105, this course addresses human nature that is formed through the tensious interaction between human biological and cultural existence, aiming at the same time to provide an historical background and discussion on a wider techno-cultural spectrum from industrial revolution to electronic revolution and postmodern global capitalism. *(This course is given in Turkish.) Prerequisite: SOS 105.*

SOS201 Klasik Sosyoloji Kuramları (Classical Sociological Theories) (3 Credits)

This course follows the early trajectories of sociological thought and its historical progression, within which the background of concepts such as modernity, class, government, social norms, democracy, Enlightenment, positivism are evaluated. They are investigated in their own historical conditions and tied to contemporary debates. Founding sociological theories of social contract, empiricism, materialism, idealism, functionalism and evolutionism are introduced with prominent theoreticians of early sociology. *(This course is given in Turkish.)*

SOS202 Aile Sosyolojisi (Sociology of Family) (3 Credits)

The course explores families and types of families that have been transformed with industrialization. It examines social relations within families (authority and power; horizontal and vertical communication) with regard to gender and the status of children. It compares families across different societies as well as across time. Inequality in families, domestic violence, sexual abuse, divorce, single-parenting, step-dads/mothers, choice of partners etc. will be discussed and examined. *(This course is given in Turkish.)*

SOS203 Sosyal Bilimlerde Araştırma Yöntemleri (Research Methods in Social Sciences) (3 Credits)

This course examines how social sciences could be positioned within positive sciences in general. The course takes a scientific approach from the point of view of sociology. Different methodologies of different social theories are taught in order to show different ways of knowing and examining the social subjects and agents. The root paradigms of positivist, realist, critical and feminist theories will be analyzed. *(This course is given in Turkish.)*

SOS204 Sosyal Bilimlerde İstatistik (Statistics in Social Sciences) (3 Credits)

The purpose of this course is to teach basic concepts in statistics and to provide basic understanding for correct interpretation and applications of frequently used statistical analyses. The course also helps students to get prepared for more advanced statistics courses and critically review and analyze statistical arguments found in the popular presses and in scholarly journals. In this course, in addition to conceptual

knowledge, technical knowledge is provided through the use of SPSS software and students will learn applications of each statistical analysis covered by attending weekly lab sessions. *(This course is given in Turkish.)*

SOS205 Türk Sosyoloji Tarihi I (History of Turkish Sociology I) (3 Credits) This course focuses on a specific period, II. Constitutionalism, in which sociology in Turkey is considered to be established. It will review prominent journals from the period such as *Ulum-iİktisadiye* (Economic Science) and *İçtimaiye* (Society), which were published by Ahmet ŞuayıpBedi Nuri and Satı Bey. The question of nationalism, Republican reforms and the emergence of a new society will be tackled around the teachings of Ziya Gökalp and Prens Sabahaddin. Finally, Ziyaeddin Fahri Fındıkoğlu's work that aims transforming the Turkish culture will be analyzed. *(This course is given in Turkish.)*

SOS206 Örgüt Sosyolojisi (Sociology of Organizations) (3 Credits) This course provides a sociological perspective on institutions and organizations. Topics covered within this class are (but not limited to): the characteristics of organizations; the uses of power by organizations; the effectiveness of organizations; and the impact of organizations on societal change. This course will give you a perspective on how people operate in institutions and organizations with an emphasis on the world of employment and work. *(This course is given in Turkish.)*

SOS207 Osmanlı Dönemi Toplumsal Yapısı (Social Structure of the Ottoman Era) (3 Credits) Legal, governmental, educational Institutions that made up the Ottoman society will be studied along with the economic infrastructure of the Ottoman Empire – an economic system, which will be tied to the recruitment of Janissaries. The course will focus on the period between the Reforms (Tanzimat-1839) and the establishment of the Republic (1923). The multi-ethnic composition of the Ottoman society, which affected the political streams towards the end of the 19th Century, will be investigated at length. *(This course is given in Turkish.)*

SOS208 Türkiye'nin Toplumsal Yapısı (Social Structure of Turkey) (3 Credits) This course is an examination of the definition of the "Turkish culture". What and whom does it include? It questions the relation between the national identity and other cultures. It draws on the literature of "cultural studies" that spans from the late-Ottoman period until now. It focuses on the associations of the Turkish culture, and their transformations in time. Besides readings, the course utilizes visual materials such as movies and documentaries. *(This course is given in Turkish.)*

SOS210 Kültürel Antropoloji (Cultural Anthropology) (3 Credits) In the light of anthropological principles and processes, this course explores different aspects of culture, which leads to diversification among human societies. It looks at cultural and social structures in order to understand the essential institutions of human life, such as kinship, economy, politics and religion, which are all seen from an intercultural point of view. *(This course is given in Turkish.)*

SOS212 Mekân ve Zaman Sosyolojisi (Sociology of Space and Time) (3 Credits) *(See General Education)*

PSI263 Sosyal Psikoloji (Social Psychology) (3 Credits) This course offers a broad introduction to social psychology, the scientific study of human social influence and interaction. Topics covered include social cognition, social perception, attitudes and attitude change, conformity, group processes, prosocial behaviour, aggression and prejudice. Additionally, social psychological research and theories in Turkey are reviewed, and students are encouraged to evaluate and explore critically the limits of Western theories of social psychology. *(This course is given in Turkish.)*

SOS 301 Çağdaş Sosyoloji Kuramları (Social Stratification) (3 Credits) The purpose of this course is to improve the theoretical knowledge of the students on contemporary sociological theories. The course is designed to offer an overview of the development of modern and contemporary sociological theories since the 1930s till today, and to look at the different theory schools, traditions and approaches from USA and Europe. In the frame of this course we will deal with different theory traditions such as structural functionalism, symbolic interactionism, social constructionism, phenomenology, ethnomethodology, Marxist theory and different approaches/concepts such as generations, hegemony & culture, structuration, habitus, field, discourse & subject, discourse & power. The students are encouraged to read the assigned texts before the classes and are expected to participate actively in class discussions. *(This course is given in Turkish.)*

SOS302 Endüstri Sosyolojisi (Industrial Sociology) (3 Credits) This course tackles industrial organizations and institutions from a sociological point of view, which leads to the discussions revolving around major theoretical conceptualizations about the management of industrial organizations. Changing and advancing technology, global production, new trends in working life, anxieties generated by employment termination are among the topics discussed. The other sociological issues, which will be explored in the course within the context of world-wide knowledge economy, are knowledge-based work, contemporary manager, mind as capital, human resources, establishment performance, establishment culture, new strategies, total quality management, quality circles, towards zero-defect management and Frederick Taylor's studies, "Principle of Scientific Management" and "On time."*(This course is given in Turkish.)*

SOS303 Sosyal Tabakalaşma (Social Stratification) (3 Credits) The critical issues such as social inequality, racial and religious relationships, gender (discrimination) and sexual differences, and vertical and/or hierarchal classes and social groups that are created by these concepts in social structure are explored with a historical scope. Besides the analysis of the works of social scientists like Plato and Wallerstein, relevant daily and ordinary documents and visual materials (a newspaper report, newspaper additions, commercials and a P. Bruegel painting) are utilized in the course in order to elaborate on power relations in feudal and Ottoman or contemporary societies. *(This course is given in Turkish.)*

SOS305 Kent Sosyolojisi (Urban Sociology) (3 Credits) The aim of the course is to make students think critically about city life and its problems. The course examines definitions of city, its influence on personal relationships among city members, and sociologically analyzes the place of education, health, trade, religion and political institutions in the city. Via the course students can sociologically analyze various social relationships that are developed in the cities, learn about city and urban processes and acknowledge the issue of urbanization and the problems that it bears. *(This course is given in Turkish.)*

SOS308 Toplum ve Cinsiyet (Society and Gender) (3 Credits) *(See General Education)*

SOS309 Irk ve Etniklik (Race and Ethnicity) (3 Credits) *(See General Education)*

SOS310 Toplum ve İstanbul Anlatıları (Society and Narratives of İstanbul) (3 Credits) *(See General Education)*

SOS320 Toplum ve Siyaset (Society and Politics) (3 Credits) *(See General Education)*

SOS401 Sosyolojide Güncel Tartışmalar I (Contemporary Debates in Sociology I) (3 Credits) The aim of this course is to equip students with conceptual tools that are needed to grasp critical sociological

thought and to be able to include them in the contemporary theoretical discussions while increasing their abilities to express themselves. In the frame of the course the most recent theoretical debates and sociological analyses looking at the social world in which we live in the near past and today will be covered. The course has three thematic parts in which different but interrelated issues of the social reality today will be dealt with. By focusing on the differing approaches of the leading thinkers in each thematic field a broad range of issues will be covered. The thematic sections are titled as follows (*This course is given in Turkish.*):

- Discussions of Modernity and Postmodernity
- Subject, Desire and Politics in the Network Society
- Recent Approaches in Gender Studies

SOS402 Sosyolojide Güncel Tartışmalar II (Contemporary Debates in Sociology II) (3 Credits)

This course is designed to provide some of the analytical tools that should be useful in developing and formulating a critical stance towards existing theories. Our focus is on identifying subjects of inquiry and formulating their problematic. With this objective in mind, we will be looking at different types of problematics throughout the semester and the ways for approaching them. The course lends itself open to active interpretation of students. It is an advanced course for those who are willing to excel in critical thinking. In the frame of this course we will be dealing with the following thematic issues: Global Order, Democracy and War in Postmodern Era Desire & Politics & Subject in Global Protests Migration, Refugees, Islam in Europe and Cosmopolitanism Queer Theory & Identities. (*This course is given in Turkish.*) Prerequisite: SOS 401.

SOS409 Toplum ve Edebiyat (Society And Literature) (3 Credits) (See General Education)

SOS412 Toplum ve Beden (Society and Body) (3 Credits) (See General Education)

SOS414 Toplum ve Günlük Yaşam Pratikleri (Society and Everyday Life Practices) (3 Credits) (See General Education) (This course is given in Turkish.)

SOS415 Toplum ve Din (Society And Religion) (3 Credits) (See General Education) (This course is given in Turkish.)

SOS416 Beden Sosyolojisi (Sociology of Body) (3 Credits/Erasmus) (See General Education)

SOS418 Din, Kültür ve Toplum (Religion, Culture and Society) (3 Credits/Erasmus) (See General Education)

SOS328 Toplum ve İstanbul Anlatıları (Society and Narratives of İstanbul) (3 Credits/Erasmus) (See General Education)

Translation Studies in Arabic

About program

The program is designed first to focus on the students' Arabic language skills and then to train them as translators providing them with the necessary skills for interpreting and translating texts due to the courses designed by theory and practice.

Goal

The aim of Translating and Interpreting Arabic Department is to train students, equipping them with language skills and professional knowledge and expertise needed to make them competent translators in cultural, economic and political areas.

Objectives

The Department of Translation Studies in Arabic aims at training translators operating between Turkish and Arabic in various fields of public and private sectors, such as medicine, law, commerce, the media and publishing.

The total credits required for the satisfactory completion of the curriculum are 122 credits. The program requires students to elect a second language among English/Chinese/Russian/German and graduate with a B1 level.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MTAR113	Sözlü Anlatım-I	Yes	Yes	2 + 2	3
MTAR125	Yazılı Anlatım I	Yes	Yes	2 + 4	4
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
UYG101	Uygarlık Tarihi I	Yes	Yes	3 + 0	3
	İkinci Yabancı Dil	No	Yes	2 + 2	3
KYP001	Kariyer ve Yaşam	Yes	Yes	0 + 2	1
[+] 1. Semester Elective Course List					
Total :					16

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MTAR106	Çeviriye Giriş	Yes	Yes	3 + 0	3
MTAR114	Sözlü Anlatım-II	Yes	Yes	2 + 2	3
MTAR126	Yazılı Anlatım II	Yes	Yes	2 + 4	4
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
UYG102	Uygarlık Tarihi II	Yes	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
[+] 2. Semester Elective Course List					
Total :					18

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MTAR229	Çeviri Amaçlı Dil Edinci	Yes	Yes	2 + 2	3
MTAR203	Çeviri Amaçlı Metin Çözümlemesi	Yes	Yes	3 + 0	3

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

MTAR245	Arapça Edebiyat I	Yes	Yes	3 + 0	3
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
MTAR261	Arapça Metin Türleri	Yes	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3

[+] 3. Semester Elective Course List

Total :	17
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4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MTAR262	Teknik Çeviri	Yes	Yes	3 + 0	3
MTAR246	Arapça Edebiyat II	Yes	Yes	3 + 0	3
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
MTAR216	Not Alma Teknikleri	Yes	Yes	2 + 2	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Total :	17
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5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MTAR317	Ardıl Çeviri I	Yes	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Seçmeli Üniversite Dersi	No	Yes	2 + 2	3

[+] 5. Semester Elective Course List

Total :	15
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*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUT308	Çeviribilime Giriş	Yes	Yes	3 + 0	3
MTAR316	Görüşme Çevirmenliği I	Yes	Yes	3 + 0	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
	Seçmeli Üniversite/Bölüm Dersi	No	Yes	3 + 0	3

[+] 6. Semester Elective Course List

Total :	15
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7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUT483	Geçmişte Çeviri ve Çevirmenlik	Yes	Yes	3 + 0	3
	Seçmeli Bölüm/Fakülte Dersi	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2+ 2	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
MUT483	Geçmişte Çeviri ve Çevirmenlik	Yes	Yes	3 + 0	3
MTAR441	Eşzamanlı Çeviri	No	Yes	3 + 0	3
MTAR419	Ardıl Çeviri II	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
Total :					12

8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MTAR466	Medya Çevirisi	Yes	Yes	3 + 0	3
	Seçmeli Bölüm/Fakülte Dersi	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2+ 2	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

MTAR442	Eřzamanlı eviri II	No	Yes	3 + 0	3
MTAR422	Elektronik Medyada Szl eviri	No	Yes	3 + 0	3
	Semeli Blm/Faklte Dersi	No	Yes	3 + 0	3
	Semeli Yabancı Dil	No	Yes	2 + 2	3

[+] **8. Semester Elective Course List**

Total :	12
Grand Total	122

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Course Descriptions

MTAR113 Sözlü Anlatım I (Speaking Skills-I) (3 credits) Designed as an introductory course for interpretation, this course aims to develop oral communication skills by increasing students' speaking ability through discussions and presentations. Students prepare and present oral speeches in Arabic to discuss certain problems may come across. *(This course is given in Arabic and Turkish)*

MTAR125 Yazılı Anlatım I (Writing Skills I) (4 credits) This course is designed as an introduction to text production in translation. Students are provided with theoretical and practical knowledge about types and structures of paragraphs, analyzing those paragraphs and making outlines. To provide students with written communication skills, they are asked to write paragraphs about different topics. *(This course is given in Arabic and Turkish)*

UYG101 Uygarlık Tarihi I (History of Civilization I) (3 credits) *(See General Education)*

TRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education)*

KYP001 Kariyer ve Yaşam (Career and Life Planning) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about Professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish.)*

MTAR114 Sözlü Anlatım II (Speaking Skills-II) (3 credits) This course equips students with the skills and knowledge necessary to communicate effectively in Arabic. It also aims to improve the students' ability of understanding spoken Arabic and participating in conversations effectively in an academic context. Its task-oriented structure allows students to participate actively in the course. *(This course is given in Arabic and Turkish)*

MTAR126 Yazılı Anlatım II (Writing Skills II) (4 credits) As a course focusing on practice, the students are asked to compose written texts in Arabic and develop their writing skills in general. Types, structures and technical characteristics of written texts are examined. Students are equipped with different skills such as analyzing, summarizing and interpreting written texts. *(This course is given in Arabic and Turkish)*

TRD102 Türk Dili II (Turkish Language II) (2 credits) *(See General Education)*

MTAR106 Çeviriye Giriş (Introduction to Translation) (3 credits) The aim of this course is to offer students basic translation terms and basic skills of reading for translation purpose, to enable students to learn the concepts concerning the act and scope of translation, to become familiar with the factors relevant in translation as a profession and in its areas, to gain the necessary practical knowledge for further application-based courses. *(This course is given in Turkish)*

MTAR 229 Çeviri Amaçlı Dil Edinci (Language Competence for Translation) (3 credits) This course will focus on the usage of basic language skills for translation. Significant features and stylistics of Turkish and Arabic are analyzed comparatively. After analysis, short texts in Arabic are translated. *(This course is given in Arabic and Turkish)*

UYG102 Uygarlık Tarihi II (History of Civilization II) (3 credits) As the sequel of UYG101, this course introduces Classical Greece and European Renaissance and proceeds with the study of European Enlightenment, Industrial Revolution, colonial expansion, Orientalism, and Ottoman modernization. Discussions about arts, literature, philosophy, science and religion until the 21st century enhance the students' cultural environment. *(This course is given in Turkish)*

MTAR203 Çeviri Amaçlı Metin Çözümlemesi (Textual Analysis for Translation Purposes) (3 credits) This course describes the role and scope of source-text analysis in the translation process and explains the extra-textual and intra-textual factors and their interaction in the text, using numerous examples from all areas of professional translation. *(This course is given in Arabic and Turkish)*

MTAR245 Arapça Edebiyat I (Arabic Literature I) (3 credits) In this course, cultural, social and political circumstances under which Arabic literature came into being are discussed, starting with Napoleon Bonapart's expedition to Egypt. Examples from modern Arabic literature are studied. Basic skills needed for evaluation of literary works of the 20th century are instilled. The texts to be discussed in class comprise poetry, drama, novels, short stories, and essays. The course also aims to offer a general understanding of the social and cultural environment of these texts as well as their formal and structural qualities. *(This course is given in Arabic and Turkish)*

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (2 credits) (See General Education) *(This course is given in Turkish)*

MTAR216 Not Alma Teknikleri (Note-Taking) (3 credits) This course is designed to prepare students for consecutive and liaison interpreting. The course focuses on key points of the interpreting oriented note-taking process. During classroom practices, students take notes directly from authentic speeches in Turkish and Arabic and reformulate them. The course is oriented towards developing listening/comprehension and note-taking skills to prepare students for consecutive and liaison interpreting. *(This course is given in Arabic and Turkish)*

MTAR246 Arapça Edebiyat II (Arabic Literature II) (3 credits) This course is the sequel of Arabic Literature I. In this course, Arabic literature before Islam, in the Umayyad and Abbasid periods is introduced to students together with its social and cultural background. Basic skills needed for evaluation of literary works of the 20th century are instilled. The texts to be discussed in class comprise poetry, drama, novels, short stories, and essays. The course also aims to offer a general understanding of the social and cultural environment of these texts as well as their formal and structural qualities. *(This course is given in Arabic and Turkish)*

MTAR261 Arapça Metin Türleri (Arabic Text Types) (3 credits) The purpose of this course is to make the students meet the demands of the written tasks in the Arabic Continuers and Extension courses. By using this guide, students will be able to develop and refine their writing skills, as well as some oral skills, and produce oral and written texts to a fair degree of proficiency. *(This course is given in Arabic and Turkish)*

MTAR262 Teknik Çeviri (Technical Translation) (3 credits) This course is designed to show students the ways of using technical terminology and analyzing and translating a technical text. *(This course is given in Arabic and Turkish)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi (History of Turkish Republic II)(2 credits) *(See General Education)*

MTAR317 Ardıl Çeviri (Consecutive Interpreting I) (3 credits) As sequel of TArI218, this course focuses on taking notes and reformulating the source text in target language using these notes. This course requires students to develop their note-taking skills and effective use of these notes in translation process. *(This course is given in Arabic and Turkish)*

MTAR316 Görüşme Çevirmenliği I (Liaison Interpreting I) (3 credits) This course is designed to introduce students the official and social environments liaison interpreting is needed. Students use both simultaneous and consecutive translation techniques and methods at this course. *(This course is given in Arabic and Turkish)*

MUT308 Çeviribilime Giriş (Introduction to Translation Studies) (3 credits) This is an introductory course aiming to familiarize students with Translation Studies (TS). Dealing with the issues in the pure side of TS, the emphasis of this course will be on the basic terms and concepts as well as contemporary approaches to translation within a historical background. *(This course is given in Turkish)*

MUT483–Geçmişte Çeviri ve Çevirmenlik (Translation and Translators in History) (3 credits) This course concentrates both European and Asian traditions of translation within a historical context with a special focus on the roles and practices of translators as intercultural agents. *(This course is given in Turkish)*

MTAR441 Eşzamanlı Çeviri I (Simultaneous Interpreting) (3 credits) This course aims to provide students with the needed qualities for being a successful interpreter and work ethics by simultaneous interpreting practices. The texts used are selected among current cultural and social events to keep students in touch with the social agenda. *(This course is given in Arabic and Turkish)*

MTAR419 Ardıl Çeviri II (Consecutive Interpreting) (3 credits) In this course various aspects of interpretation techniques (note taking, whispering, fluency, intonation, content and register) are examined and some practices are made to develop students' skills such as delivery and memory. *(This course is given in Arabic and Turkish)*

MTAR442 Eşzamanlı Çeviri II (Simultaneous Interpreting II) (3 credits) As the sequel of MTAR441, this course aims to provide students with the needed qualities for being a successful interpreter and work ethics by simultaneous interpreting practices. The texts used in these practices are selected among current cultural and social events to keep students in touch with the social agenda. *(This course is given in Arabic and Turkish)*

MTAR422 Elektronik Medyada Sözlü Çeviri (Interpreting for the Electronic Media) (3 credits)

This course aims to introduce students with the types and functions of interpreting for the electronic media. As in simultaneous interpreting courses, students of this course develop certain skills required for translating the source text into the target language. *(This course is given in Arabic and Turkish)*

MTAR466 Medya Çevirisi (Translating for the Media) (3 credits)

This course is designed to prepare students to be translators in the media institutions. The emphasis of this course will be on historical development of visual, written, and electronic media and role of translation. *(This course is given in Arabic and Turkish)*

ELECTIVES

ING107 İngilizce I (English I) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ALM105 Almanca I (German I) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

CIN105 Çince I (Chinese I) (3 credits) In this beginner course, the students learn the tenses and the basic linguistic competences for daily use.

RUS105 Rusça I (Russian I) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ING 108 İngilizce II (English II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ALM106 Almanca II (German II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

CIN106 Çince II (Chinese II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

RUS106 Rusça II (Russian II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

TIC201 Uluslararası Ticaretin Temelleri I (Foundations of International Trade I) (3 credits) The purpose of this course is to prepare students to be managers for the increasingly competitive international trade world. The emphasis of this course will be on approaches to and, operations and procedures of international trade.

TIC202 Uluslararası Ticaretin Temelleri II (Foundations of International Trade II) (3 credits) As sequel of TIC201, the purpose of this course is to study the structure and dynamics of international trade within an evolving world economy from the perspective of a developing country, especially Turkey.

Students will analyze the essential characteristics of foreign trade structures of developing countries within recent periods of world economy.

ING207 İngilizce III (English III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ALM205 Almanca III (German III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

CIN205 Çince III (Chinese III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

RUS205 Rusça III (Russian III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ING208 İngilizce IV (English IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ALM 206 Almanca IV (German IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

CIN206 Çince IV (Chinese IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

RUS 206 Rusça IV (Russian IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

MUTI113 Sözlü Anlatım I (Speaking Skills-I) (3 credits) Designed as an introductory course for interpretation, this course aims to develop oral communication skills by increasing students' speaking ability through discussions and presentations. Students prepare and present oral speeches in English to discuss certain problems may come across. *(This course is given in English and Turkish)*

MUTI123 Yazılı Anlatım I (Writing Skills I) (4 credits) This course is designed as an introduction to text production in translation. Students are provided with theoretical and practical knowledge about types and structures of paragraphs, analyzing those paragraphs and making outlines. To provide students with written communication skills, they are asked to write paragraphs about different topics. *(This course is given in English and Turkish)*

MUTI245 İngilizce Edebiyat I (English Literature I) (3 credits) In this course, cultural, social and political circumstances under which English literature came into being are discussed. Examples from modern English literature are studied. Basic skills needed for evaluation of literary works of the 20th century are given. The texts to be discussed in class comprise poetry, drama, novels, short stories, and essays. The course also aims to offer a general understanding of the social and cultural environment of those texts as well as their formal and structural qualities. *(This course is given in English and Turkish)*

MUTI116 Sözlü Anlatım II (Speaking Skills II) (3 credits) This course equips students with the skills and knowledge necessary to communicate effectively in English. It also aims to improve the students' ability of understanding spoken English and participating in conversations effectively in an academic context. Its task-oriented structure allows students to participate actively in the course. *(This course is given in English and Turkish)*

MUTI124 Yazılı Anlatım II (Writing Skills I) (4 credits) As a course focusing on practice, the students are asked to compose written texts in English and develop their writing skills in general. Types, structures and technical characteristics of written texts are examined. Students are equipped with different skills such as analyzing, summarizing and interpreting written texts. *(This course is given in English and Turkish)*

MUTI246 İngilizce Edebiyat II (English Literature II) (3 credits) This course is designed to look at certain texts of American Literature written in the 20th Century and discuss their historical and cultural background. The emphasis is on their contribution to the literary background of American Literature. A general understanding of the historical, social and cultural contexts of those representative texts will be achieved through the texts' structural and literary qualities. The texts chosen will illustrate various aspects of modernism. The course aims to cover the literary and cultural aspects of the period between 1895 till the present. *(This course is given in English and Turkish)*

TAR264 Arapça Metin Çalışmaları (Arabic Text Studies) (3 credits) This course designed to prepare students to read and understand Arabic texts be able to analyze their syntax and morphologic structure. So, the emphasis of this course will be on the development the main competences in all language skills such as the sentence structure and the text structure. . *(This course is given in Arabic and Turkish)*

MTAR437 Edebiyat Çevirisi I (Literary Translation I) (3 credits) This course investigates the strategies needed to be considered in translation of literary texts which seen as products of the culture from which they emerge. The course aims to show the students the importance of cultural differences and make them aware of the strategies they should consider these differences in translation process. *(This course is given in Arabic and Turkish)*

MTAR373/381/374/382 Özel Alan Çevirisi (Specialization Area Translation) (A/B areas) (3 credits) These modules are offered on elective basis with the objective of providing the students with an introduction to translation such as law, economy and medicine etc. Basic knowledge and terminology of related areas will be studied under the guidance of the expert instructors. *(This course is given in Arabic and Turkish)*

MTAR375 Öğrenci Grup Projesi I (Student Group Project I) (3 credits) The initial aim of this course is to offer students the opportunity of using their theoretical knowledge in translation. This elective course requires groups of students to work together on a translation project. It also enables

students to participate in actual working environmental situations. . *(This course is given in Arabic and Turkish)*

MTAR376 Öğrenci Grup Projesi II (Student Group Project II) (3 credits) As the sequel of MTAR375, the aim of this course is to offer students the further opportunities of using their theoretical knowledge in translation. This elective course requires groups of students to work together on a translation project. It also enables students to participate in actual working environmental situations. *(This course is given in Arabic and Turkish)*

ING303 İngilizce V (English V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ALM301 Almanca V (German V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

CIN301 Çince V (Chinese V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

RUS 301 Rusça V (Russian V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ING304 İngilizce VI (English VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ALM302 Almanca VI (German VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

CIN302 Çince VI (Chinese VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

RUS302 Rusça VI (Russian VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

MUT345 Dilbilime Giriş (Linguistics) (3 credits) This theoretical course focuses on the history of contemporary linguistics, its basic concepts and principles. It also provides information on the schools and branches of linguistics, such as Socio and Psycholinguistics. The course aims to maintain the conceptual basis for the further study, research and reading in this area. Special attention is paid to the liaison between Linguistics and Translation Studies. *(This course is given in Arabic and Turkish)*

MUT355 Çevirmenler ve Editörler için Osmanlıca I (Ottoman Language for Translators and Editors I) (3 credits) (*See General Education*)

MUT356 Çevirmenler ve Editörler için Osmanlıca II (Ottoman Language for Translators and Editors II) (3 credits) (*See General Education*)

MUT495 Kültür Çalışmaları I (Cultural Studies I) (3 credits) The course mainly focuses on explaining contemporary cultural theory. Topics as semiotics, modernity, post-modernity, deconstruction and poststructuralism are examined. Particular media and text forms are analyzed to familiarize the students with the related culture.

ING403 İngilizce VII (English VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types such as literary, technical, etc.

ALM401 Almanca VII (German VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

CIN401 Çince VII (Chinese VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

RUS401 Rusça VII (Russian VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

MUT496 Kültür Çalışmaları II (Cultural Studies II) (3 credits) As the sequel of MUT495, this course mainly focuses on further explanation of contemporary cultural theory. Topics as semiotics, modernity, post-modernity, deconstruction and poststructuralism are examined. Particular media and text forms are analyzed to familiarize the students with the related culture. . (*This course is given in Turkish*)

MTAR 438 Edebiyat Çevirisi II (Literary Translation II) As sequel of MTAR437, this course investigates the strategies needed to be considered in translation of literary texts which seen as products of the culture from which they emerge. The course aims to show the students the importance of cultural differences and make them aware of the strategies they should consider these differences in translation process. (*This course is given in Arabic and Turkish*)

ALM402 Almanca VIII (German VIII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

ING404 - İngilizce VIII (English VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary,

technical, etc.) The translations that will be made in this course will be mostly from English into Turkish.

CIN402 - Çince VIII (Chinese VIII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.).

RUS402 - Rusça VIII (Russian VIII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.).

Translation Studies in Chinese

About program

The program is designed first to focus on the students' Chinese language skills and then to train them as translators providing them with the necessary skills for interpreting and translating texts due to the courses designed by theory and practice.

Goal

The aim of Translating and Interpreting Chinese Department is to train students, equipping them with language skills and professional knowledge and expertise needed to make them competent translators in cultural, economic and political areas.

Objectives

The Department of Translation Studies in Chinese aims at training translators operating between Turkish and Chinese in various fields of public and private sectors, such as medicine, law, commerce, the media and publishing.

The total credits required for the satisfactory completion of the curriculum are 122 credits. The program requires students to elect a second language among English/Arabic/Russian/German and graduate with a B1 level.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTC113	Sözlü Anlatım-I	Yes	Yes	2 + 2	3
MUTC125	Yazılı Anlatım I	Yes	Yes	2 + 4	4
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
UYG101	Uygarlık Tarihi I	Yes	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
KYP001	Kariyer ve Yaşam	Yes	Yes	0 + 2	1

[+] 1. Semester Elective Course List

Total :	16
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2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTC106	Çeviriye Giriş	Yes	Yes	3 + 0	3
MUTC114	Sözlü Anlatım-II	Yes	Yes	2 + 2	3
MUTC126	Yazılı Anlatım II	Yes	Yes	2 + 4	4
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
MUTC194	Kaynak ve Erek Kültür Karşılaştırmaları	Yes	Yes	2 + 2	3

[+] 2. Semester Elective Course List

Total :	18
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3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTC229	Çeviri Amaçlı Dil Edinci	Yes	Yes	2 + 2	3
MUTC203	Çeviri Amaçlı Metin Çözümlemesi	Yes	Yes	3 + 0	3
MUTC245	Çince Edebiyat I	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
MUTC261	Çince Karakter Çözümlemesi	Yes	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3

[+] 3. Semester Elective Course List

Total :	17
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4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTC262	Teknik Çeviri	Yes	Yes	3 + 0	3
MUTC246	Çince Edebiyat II	Yes	Yes	3 + 0	3
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
MUTC216	Not Alma Teknikleri	Yes	Yes	2 + 2	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Total :	17
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5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTC317	Ardıl Çeviri I	Yes	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Seçmeli Üniversite Dersi	No	Yes	2 + 2	3
MUT345	Dil bilime Giriş	No	Yes	3 + 0	3

[+] 5. Semester Elective Course List

Total :	15
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6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUT308	Çeviri bilime Giriş	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

MUTC316	Görüşme Çevirmenliği I	Yes	Yes	3 + 0	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
	Seçmeli Üniversite/Bölüm Dersi	No	Yes	3 + 0	3

[+] 6. Semester Elective Course List

Total :	15
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7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUT483	Geçmişte Çeviri ve Çevirmenlik	Yes	Yes	3 + 0	3
	Seçmeli Bölüm /Fakülte Dersi	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2+ 2	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Sözlü Çeviri Modülü				
MUT483	Geçmişte Çeviri ve Çevirmenlik	Yes	Yes	3 + 0	3
MUTC441	Eşzamanlı Çeviri I	No	Yes	3 + 0	3
MUTC419	Ardıl Çeviri II	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3

[+] 7. Semester Elective Course List

Total :	12
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8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTC466	Medya Çevirisi	Yes	Yes	3 + 0	3
	Seçmeli Bölüm/FakülteDersi	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2+ 2	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Sözlü Çeviri Modülü				

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

MUTC442	Eş zamanlı Çeviri II	No	Yes	3 + 0	3
MUTC422	Elektronik Medyada Sözlü Çeviri	No	Yes	3 + 0	3
	Seçmeli Bölüm/Fakülte Dersi	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3

[+] 8. Semester Elective Course List

Total :	12
Grand Total	122

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Course Descriptions

MUTC113 Sözlü Anlatım I (Speaking Skills I) (3 credits) Designed as an introductory course for interpretation, this course aims to develop oral communication skills by increasing students' speaking ability through discussions and presentations. Students prepare and present oral speeches in Chinese to discuss certain problems may come across. *(This course is given in Chinese and Turkish)*

MUTC125 Yazılı Anlatım I (Writing Skills I) (4 credits) This course is designed as an introduction to text production in translation. Students are provided with theoretical and practical knowledge about types and structures of paragraphs, analyzing those paragraphs and making outlines. To provide students with written communication skills, they are asked to write paragraphs about different topics. *(This course is given in Chinese and Turkish)*

UYG101 Uygarlık Tarihi I (Humanities I) (3 credits) *(See General Education)*

TRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education)*

KYP001 Kariyer ve Yaşam (Career and Life Planning) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about Professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish.)*

MUTC114 Sözlü Anlatım II (Speaking Skills II) (3 credits) This course equips students with the skills and knowledge necessary to communicate effectively in Chinese. It also aims to improve the students' ability of understanding spoken Chinese and participating in conversations effectively in an academic context. Its task-oriented structure allows students to participate actively in the course. *(This course is given in Chinese and Turkish)*

MUTC126 Yazılı Anlatım II (Writing Skills II) (4 credits) As a course focusing on practice, the students are asked to compose written texts in Chinese and develop their writing skills in general. Types, structures and technical characteristics of written texts are examined. Students are equipped with different skills such as analyzing, summarizing and interpreting written texts. *(This course is given in Chinese and Turkish)*

TRD102 Türk Dili II (Turkish Language II) (2 credits) *(See General Education)*

MUTC106 Çeviriye Giriş (Introduction to Translation) (3 credits) The aim of this course is to offer students basic translation terms and basic skills of reading for translation purpose, to enable students to learn the concepts concerning the act and scope of translation, to become familiar with the factors relevant in translation as a profession and in its areas, to gain the necessary practical knowledge for further application-based courses. *(This course is given in Turkish)*

MUTC229 Çeviri Amaçlı Dil Edinci (Translation Oriented Language Acquisition) (3 credits) This course will focus on the usage of basic language skills for translation. Significant features and stylistics

of Turkish and Chinese are analyzed comparatively. After analysis, short texts in Chinese are translated. *(This course is given in Chinese and Turkish)*

UTC194 Kaynak ve Erek Kültür Karşılaştırmaları (Source and Target Culture Comparative) (3 credits) This course will help students understand the differences and similarities between Russian and Turkish cultures. Comparative studies between the two cultures on geography, history, traditions and modern trends will be made in a subject based way. Culture as a concept will be analyzed as an art, as a value, and as a sector. Students will be expected to gain a better cultural perspective both on the source and on the target cultures. *(This course is given in Chinese and Turkish)*

MUTC203 Çeviri Amaçlı Metin Çözümlemesi (Textual Analysis for Translation Purposes) (3 credits) This course describes the role and scope of source-text analysis in the translation process and explains the extra-textual and intra-textual factors and their interaction in the text, using numerous examples from all areas of professional translation. *(This course is given in Chinese and Turkish)*

MUTC245 Çince Edebiyat I (Chinese Literature I) (3 credits) The course is designed for getting knowledge on outline, characteristics and masterpieces of Chinese literature for Classical period. This period extending thousands of years, Classical literature works cover from the earliest legends before recorded literature to the mature vernacular fiction novels that arose during the Ming Dynasty to entertain the masses of literate Chinese. The peaks of Chinese literature in Classical period include the poetry collection Shi Jing (The Classic of Poetry)(approx. 10th-7th century BC), classical prose, philosophical writings of the Hundred Schools of Thought (770-221 BC), poems in Tang Dynasty (618–907) and Song Dynasty (960–1279) and fiction of Ming dynasty (1368-1644) and Qing dynasty (1644-1911). The social and cultural background knowledge is being introduced together with the literature analyses and discussion. *(This course is given in Chinese and Turkish)*

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution I) (2 credits) *(See General Education)*

MUTC216 Not Alma Teknikleri (Note Taking Techniques) (3 credits) This course is designed to prepare students for consecutive and liaison interpreting. The course focuses on key points of the interpreting oriented note-taking process. During classroom practices, students take notes directly from authentic speeches in Turkish and Chinese and reformulate them. The course is oriented towards developing listening/comprehension and note-taking skills to prepare students for consecutive and liaison interpreting. *(This course is given in Chinese and Turkish)*

MUTC246 Çince Edebiyat II (Chinese Literature II) (3 credits) The course is designed for getting knowledge on outline, characteristics and masterpieces of Chinese literature for Modern and Contemporary era. With the ending of Qing Dynasty in 1911, China stepped into a new period both in society and in literature. From May Fourth Movement in 1919 to the foundation of People's Republic of China in 1949, from 1978 up till 2011, together with profound social evolution, literature of China in these times exhibit its own development in style and content. Some literature works of this period will help students to understand social and cultural lives experienced parallel to the social changes. *(This course is given in Chinese and Turkish)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution 2) (2 credits) *(See General Education)*

MUTC261 Çince Karakter Çözümlemesi (Chinese Text Types) (3 credits) The purpose of this course is to help students learn the features Chinese characters possess which distinguishing itself from other languages. It introduces the origin, structure, rules and cultural and social background of Chinese characters in a systematic approach. Analyses integrated with case studies are provided in great amount to achieve effective application. Visual materials are attached almost in each session to cooperate classroom learning. The content will cover the formation, evolution and methodology of Chinese characters as well as their linguistic, scientific and cultural background. Students taking this course will be able to improve their efficiency in reviewing characters already in command and in learning new characters they will come across.

MUTC262 Teknik Çeviri (Technical Translation) (3 credits) This course is designed to show students the ways of using technical terminology and analyzing and translating a technical text. *(This course is given in Chinese and Turkish)*

MUT345 Dilbilime Giriş (Introduction to Linguistics) (3 credits) This theoretical course focuses on the history of contemporary linguistics, its basic concepts and principles. It also provides information on the schools and branches of linguistics, such as Socio and Psycholinguistics. The course aims to maintain the conceptual basis for the further study, research and reading in this area. Special attention is paid to the liaison between Linguistics and Translation Studies. *(This course is given in Chinese and Turkish)*

MUT308 Çeviri bilime Giriş (Introduction to Translation Studies) (3 credits) This is an introductory course aiming to familiarize students with Translation Studies (TS). Dealing with the issues in the pure side of TS, the emphasis of this course will be on the basic terms and concepts as well as contemporary approaches to translation within a historical background. *(This course is given in Turkish)*

MUTC317 Ardıl Çeviri I (Consecutive Interpreting I) (3 credits) As sequel of MUTC216, this lesson focuses on taking notes and reformulating the source text in target language using these notes. This course requires students to develop their note-taking skills and effective use of these notes in translation process. *(This course is given in Chinese and Turkish)*

MUTC316 Görüşme Çevirmenliği I (Liaison Interpreting I) (3 credits) This course is designed to introduce students the official and social environments liaison interpreting is needed. Students use both simultaneous and consecutive translation techniques and methods at this course. *(This course is given in Chinese and Turkish)*

MUT483 Geçmişte Çeviri ve Çevirmenlik (Translation and Translators in History) (3 credits) This course concentrates both European and Asian traditions of translation within a historical context with a special focus on the roles and practices of translators as intercultural agents. *(This course is given in Turkish)*

MUTC441 Eşzamanlı Çeviri I (Simultaneous Interpreting I) (3 credits) This course aims to provide students with the needed qualities for being a successful interpreter and work ethics by simultaneous interpreting practices. The texts used are selected among current cultural and social events to keep students in touch with the social agenda. *(This course is given in Chinese and Turkish)*

MUTC419 Ardıl Çeviri II (Consecutive Interpreting II) (3 credits) In this course various aspects of interpretation techniques (note taking, whispering, fluency, intonation, content and register) are

examined and some practices are made to develop students' skills such as delivery and memory. (*This course is given in Chinese and Turkish*)

MUTC442 Eş zamanlı Çeviri II (Simultaneous Interpreting II) (3 credits) As the sequel of MUTC441, this course aims to provide students with the needed qualities for being a successful interpreter and work ethics by simultaneous interpreting practices. The texts used in these practices are selected among current cultural and social events to keep students in touch with the social agenda. (*This course is given in Chinese and Turkish*)

MUTC422 Elektronik Medyada Sözlü Çeviri (Interpreting for the Electronic Media) (3 credits) This course aims to introduce students with the types and functions of interpreting for the electronic media. As in simultaneous interpreting courses, students of this course develop certain skills required for translating the source text into the target language. (*This course is given in Chinese and Turkish*)

MUTC466 Medya Çevirisi (Translating for the Media) (3 credits) This course is designed to prepare students to be translators in the media institutions. The emphasis of this course will be on historical development of visual, written, and electronic media and role of translation. (*This course is given in Chinese and Turkish*)

ELECTIVES

ARP105 Arapça I (Arabic I) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ING107 İngilizce I (English I) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ALM105 Almanca I (German I) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

RUS105 Rusça I (Russian I) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ARP106 Arapça II (Arabic II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ING 108 İngilizce II (English II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ALM106 Almanca II (German II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

RUS106 Rusça II (Russian II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

MUTI113 Sözlü Anlatım I (Speaking Skills-I) (3 credits) Designed as an introductory course for interpretation, this course aims to develop oral communication skills by increasing students' speaking ability through discussions and presentations. Students prepare and present oral speeches in English to discuss certain problems may come across. (This course is given in English and Turkish)

MUTI123 Yazılı Anlatım I (Writing Skills I) (4 credits) This course is designed as an introduction to text production in translation. Students are provided with theoretical and practical knowledge about types and structures of paragraphs, analyzing those paragraphs and making outlines. To provide students with written communication skills, they are asked to write paragraphs about different topics. (*This course is given in English and Turkish*)

MUTI245 İngilizce Edebiyat I (English Literature I) (3 credits) In this course, cultural, social and political circumstances under which English literature came into being are discussed. Examples from modern English literature are studied. Basic skills needed for evaluation of literary works of the 20th century are given. The texts to be discussed in class comprise poetry, drama, novels, short stories, and essays. The course also aims to offer a general understanding of the social and cultural environment of those texts as well as their formal and structural qualities. (*This course is given in English and Turkish*)

MUTI116 Sözlü Anlatım II (Speaking Skills II) (3 credits) This course equips students with the skills and knowledge necessary to communicate effectively in English. It also aims to improve the students' ability of understanding spoken English and participating in conversations effectively in an academic context. Its task-oriented structure allows students to participate actively in the course. (*This course is given in English and Turkish*)

MUTI124 Yazılı Anlatım II (Writing Skills I) (4 credits) As a course focusing on practice, the students are asked to compose written texts in English and develop their writing skills in general. Types, structures and technical characteristics of written texts are examined. Students are equipped with different skills such as analyzing, summarizing and interpreting written texts. (*This course is given in English and Turkish*)

MUTI246 –İngilizce Edebiyat II (English Literature II) (3 credits) This course is designed to look at certain texts of American Literature written in the 20th Century and discuss their historical and cultural background. The emphasis is on their contribution to the literary background of American Literature. A general understanding of the historical, social and cultural contexts of those representative texts will be achieved through the texts' structural and literary qualities. The texts chosen will illustrate various aspects of modernism. The course aims to cover the literary and cultural aspects of the period between 1895 till the present. (*This course is given in English and Turkish*)

ARP205 Arapça III (Arabic III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ING207 İngilizce III (English III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ALM205 Almanca III (German III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

RUS205 Rusça III (Russian III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ARP206 Arapça IV (Arabic IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ING208 İngilizce IV (English IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ALM 206 Almanca IV (German IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

RUS 206 Rusça IV (Russian IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

TIC201 Uluslararası Ticaretin Temelleri I (Foundations of International Trade I) (3 credits) The purpose of this course is to prepare students to be managers for the increasingly competitive international trade world. The emphasis of this course will be on approaches to and, operations and procedures of international trade.

TIC202 Uluslararası Ticaretin Temelleri II (Foundations of International Trade II) (3 credits) As sequel of TIC201, the purpose of this course is to study the structure and dynamics of international trade within an evolving world economy from the perspective of a developing country, especially Turkey. Students will analyze the essential characteristics of foreign trade structures of developing countries within recent periods of world economy.

ARP301 Arapça V (Arabic V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ING303 İngilizce V (English V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ALM301 Almanca V (German V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

RUS 301 Rusça V (Russian V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ARP302 Arapça VI (Arabic VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ING304 İngilizce VI (English VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ALM302 Almanca VI (German VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

RUS302 Rusça VI (Russian VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

MUTC264 Çince Metin Türleri (Chinese Text Studies) The purpose of this course is to enhance students' Chinese competence and to prepare them to use Chinese in a broader life situation. The emphasis of this course is on vocabulary, grammar and Chinese reading. Culture background is also included in this class. *(This course is given in Chinese and Turkish)*

MUTC373/381/382 Özel Alan Çevirisi (Specialization Area Translation) (A/B areas) (3 credits) These modules are offered on elective basis with the objective of providing the students with an introduction to translation such as law, economy and medicine etc. Basic knowledge and terminology of related areas will be studied under the guidance of the expert instructors. *(This course is given in Chinese and Turkish)*

MUTC375 Öğrenci Grup Projesi I (Student Group Project I) (3 credits) The initial aim of this course is to offer students the opportunity of using their theoretical knowledge in translation. This elective course requires groups of students to work together on a translation project. It also enables students to participate in actual working environmental situations. *(This course is given in Chinese and Turkish)*

MUTC376 Öğrenci Grup Projesi II (Student Group Project II) (3 credits) As sequel of MUT375, the initial aim of this course is to offer students the opportunity of using their theoretical knowledge in translation. This elective course requires groups of students to work together on a translation project. It also enables students to participate in actual working environmental situations. *(This course is given in Chinese and Turkish)*

MUT355 Çevirmenler ve Editörler için Osmanlıca I (Ottoman Language for Translators and Editors I) (3 credits) *(See General Education)*

MUT356 Çevirmenler ve Editörler için Osmanlıca II (Ottoman Language for Translators and Editors II) (3 credits) (*See General Education*)

MUT 406 Seminer (Seminar) The purpose of this course is to prepare students to write simple essays informs of narration, description and discussion. The emphasis of this course will be on writing features, writing methods and writing skills of narration, discussion and description, the three main expressions in Chinese. (*This course is given in Turkish and Chinese*)

MUT 475 Staj Değerlendirme (Internship Estimation) Upon the completion of the course students will be able to supplement their basic linguistic and cultural competences with translation skills and knowledge in translation practices. Students will thus be able to prepare written, verbal, or multimedia texts from a written, verbal, or multimedia template that fulfills the defined goal in the target language or culture. (*This course is given in Turkish*)

MUTC437 Edebiyat Çevirisi I (Literary Translation I) (3 credits) This course investigates the strategies needed to be considered in translation of literary texts which seen as products of the culture from which they emerge. The course aims to show the students the importance of cultural differences and make them aware of the strategies they should consider these differences in translation process. (*This course is given in Chinese and Turkish*)

MUTC438 Edebiyat Çevirisi II (Literary Translation II) (3 credits) As sequel of MUTC437, this course investigates the strategies needed to be considered in translation of literary texts which seen as products of the culture from which they emerge. The course aims to show the students the importance of cultural differences and make them aware of the strategies they should consider these differences in translation process. (*This course is given in Chinese and Turkish*)

MUT495 Kültür Çalışmaları I (Cultural Studies I) (3 credits) The course mainly focuses on explaining contemporary cultural theory. Topics as semiotics, modernity, post-modernity, deconstruction and poststructuralism are examined. Particular media and text forms are analyzed to familiarize the students with the related culture. (*This course is given in Turkish*)

ING403 İngilizce VII (English VII)(3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types such as literary, technical, etc.

ALM401 Almanca VII (German VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

RUS401 Rusça VII (Russian VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

MUT496 Kültür Çalışmaları II (Cultural Studies II) (3 credits) As the sequel of MUT495, this course mainly focuses on further explanation of contemporary cultural theory. Topics as semiotics, modernity, post-modernity, deconstruction and poststructuralism are examined. Particular media and

text forms are analyzed to familiarize the students with the related culture. *(This course is given in Turkish)*

ALM402 Almanca VIII (German VIII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

ING404 İngilizce VIII (English VIII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.) The translations that will be made in this course will be mostly from English into Turkish.

RUS402 Rusça VIII (Russian VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

ARP401 Arapça VII (Arabic VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

ARP402 Arapça VIII (Arabic VIII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

UYG107 Uygarlık Tarihi (History of Civilization I) (3 credits) This course introduces Sumerian, Egyptian, Chinese, Hindu, Greek, Middle Eastern and Early Christian cultures to students and proceeds with the Classical Greece, European Renaissance, European Enlightenment, Industrial Revolution, colonial expansion, Orientalism, and Ottoman modernization. Developments in the arts, literature, philosophy, science and religion in ancient history are examined through key texts produced in that era. *(This course is given in Turkish)*

Translation Studies in English

About program

The program is designed first to focus on the students' written and speaking skills and then to train them as translators providing them with the necessary knowledge for interpreting and translating texts due to the courses designed by theory and practice.

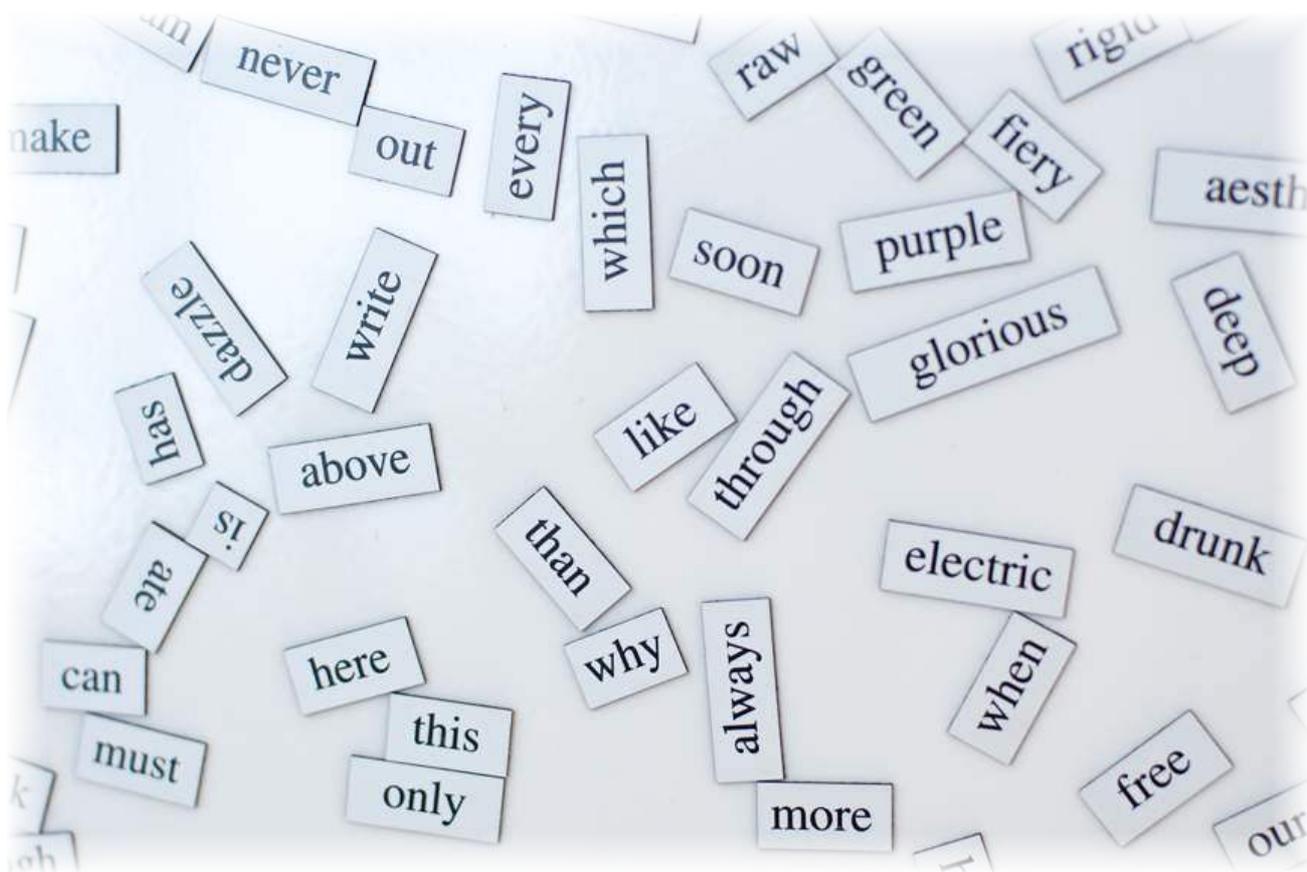
Goal

The aim of Translating and Interpreting English Department is to train students, equipping them with language skills and professional knowledge and expertise needed to make them competent translators in cultural, economic and political areas.

Objectives

The Department of Translation Studies in English aims at training translators operating between Turkish and English in various fields of public and private sectors, such as medicine, law, commerce, the media and publishing.

The total credits required for the satisfactory completion of the curriculum are 121 credits. The program requires students to elect a second language among Arabic/Chinese/Russian/German and graduate with a B1 level.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTI113	Sözlü Anlatım-I	Yes	Yes	2 + 2	3
MUTI123	Yazılı Anlatım I	Yes	Yes	2 + 4	4
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
UYG101	Uygarlık Tarihi I	Yes	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
KYP001	Kariyer ve Yaşam	Yes	Yes	0 + 2	1
MUT105	Türkçe Metin Üretme	No	Yes	3 + 0	3

[+] 1. Semester Elective Course List

Total :	17
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2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTI106	Çeviriye Giriş	Yes	Yes	3 + 0	3
MUTI116	Sözlü Anlatım-II	Yes	Yes	2 + 2	3
MUTI124	Yazılı Anlatım II	Yes	Yes	2 + 4	4
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
UYG102	Uygarlık Tarihi II	Yes	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3

[+] 2. Semester Elective Course List

Total :	16
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTI229	Çeviri Amaçlı Dil Edinci	Yes	Yes	3 +0	3
MUTI203	Çeviri Amaçlı Metin Çözümlemesi	Yes	Yes	3 + 0	3
MUTI245	İngilizce Edebiyat I	Yes	Yes	3 + 0	3
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
MUTI249	Karşılaştırmalı Dil bilim Analizi	Yes	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 +2	3

[+] 3. Semester Elective Course List

Total :	17
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4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTI262	Teknik Çeviri	Yes	Yes	3 + 0	3
MUTI246	İngilizce Edebiyat II	Yes	Yes	3 + 0	3
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
MUTI216	Not Alma Teknikleri	Yes	Yes	2 + 2	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
MUT308	Çeviribilime Giriş	Yes	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Total :	17
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5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTI317	Ardıl Çeviri I	Yes	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2+ 2	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Seçmeli Üniversite Dersi	No	Yes	2 + 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
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[+] 5. Semester Elective Course List

Total :					15
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6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTI316	Görüşme Çevirmenliği I	Yes	Yes	3 + 0	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
	Seçmeli Üniversite Dersi	No	Yes	3 + 0	3

[+] 6. Semester Elective Course List

Total :					15
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7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUT483	Geçmişte Çeviri ve Çevirmenlik	Yes	Yes	3 + 0	3
	Seçmeli Bölüm/Fakülte Dersi	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil Dersi	No	Yes	2+ 2	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Sözlü Çeviri Modülü				
MUT483	Geçmişte Çeviri ve Çevirmenlik	Yes	Yes	3 + 0	3
MUTI441	Eşzamanlı Çeviri I	No	Yes	3 + 0	3
MUTI419	Ardıl Çeviri II	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3

[+] 7. Semester Elective Course List

Total :					12
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTI466	Medya Çevirisi	Yes	Yes	3 + 0	3
	Seçmeli Bölüm/Fakülte Dersi	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
MUTI442	Eşzamanlı Çeviri II	No	Yes	3 + 0	3
MUTI422	ElektronikMedya için Sözlü Çeviri	No	Yes	3 + 0	3
	Seçmeli Bölüm/Fakülte Dersi	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3

[+] 8. Semester Elective Course List

Total :	12
Grand Total	121

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

MUTII113 Sözlü Anlatım I (Speaking Skills I) (3 credits) Designed as an introductory course for interpretation, this course aims to develop oral communication skills by increasing students' speaking ability through discussions and presentations. Students prepare and present oral speeches in English to discuss certain problems may come across. *(This course is given in English and Turkish)*

MUTII123 Yazılı Anlatım I (Writing Skills I) (4 credits) This course is designed as an introduction to text production in translation. Students are provided with theoretical and practical knowledge about types and structures of paragraphs, analyzing those paragraphs and making outlines. To provide students with written communication skills, they are asked to write paragraphs about different topics. *(This course is given in English and Turkish)*

UYG101 Uygarlık Tarihi I (Humanities I) (3 credits) *(See General Education)*

TRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education)*

KYP001 Kariyer ve Yaşam (Career and Life Planning) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about Professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish.)*

MUTII116 Sözlü Anlatım II (Speaking Skills II) (3 credits) This course equips students with the skills and knowledge necessary to communicate effectively in English. It also aims to improve the students' ability of understanding spoken English and participating in conversations effectively in an academic context. Its task-oriented structure allows students to participate actively in the course. *(This course is given in English and Turkish)*

MUT105 Türkçe Metin Üretme (Text Production and Analysis in Turkish) (3 credits) This lesson aims to provide students with a deeper knowledge and skill of Turkish. Students develop their language usage skills through analysis practices. *(This course is given in English and Turkish)*

MUTII106 –Çeviriye Giriş (Introduction to Translation) (3 credits) The aim of this course is to offer students basic translation terms and basic skills of reading for translation purpose, to enable students to learn the concepts concerning the act and scope of translation, to become familiar with the factors relevant in translation as a profession and in its areas, to gain the necessary practical knowledge for further application-based courses. *(This course is given in Turkish)*

MUTII124 Yazılı Anlatım II (Writing Skills I) (4 credits) As a course focusing on practice, the students are asked to compose written texts in English and develop their writing skills in general. Types, structures and technical characteristics of written texts are examined. Students are equipped with different skills such as analyzing, summarizing and interpreting written texts. *(This course is given in English and Turkish)*

TRD102 Türk Dili II (Turkish Language II) (2 credits) *(See General Education) (This course is given in Turkish)*

MUTI229 Çeviri Amaçlı Dil Edinci (Language Competence for Translation) (3 credits) This course will focus on the usage of basic language skills for translation. Significant features and stylistics of Turkish and English are analyzed comparatively. After analysis, short texts in English are translated. *(This course is given in English and Turkish)*

UYG102 Uygarlık Tarihi II (Humanities II) (3 credits) As the sequel of UYG101, this course introduces Classical Greece and European Renaissance and proceeds with the study of European Enlightenment, Industrial Revolution, colonial expansion, Orientalism, and Ottoman modernization. Discussions about arts, literature, philosophy, science and religion until the 21st century enhance the students' cultural environment. *(This course is given in Turkish)*

MUTI203 Çeviri Amaçlı Metin Çözümlemesi (Translation Oriented Text Analysis) (3 credits) This course describes the role and scope of source-text analysis in the translation process and explains the extra-textual and intra-textual factors and their interaction in the text, using numerous examples from all areas of professional translation. *(This course is given in English and Turkish)*

MUTI245 İngilizce Edebiyat I (English Literature I) (3 credits) In this course, cultural, social and political circumstances under which English literature came into being are discussed. Examples from modern English literature are studied. Basic skills needed for evaluation of literary works of the 20th century are given. The texts to be discussed in class comprise poetry, drama, novels, short stories, and essays. The course also aims to offer a general understanding of the social and cultural environment of those texts as well as their formal and structural qualities. *(This course is given in English and Turkish)*

MUTI249 Karşılaştırmalı Dilbilim Analizi (Contrastive Linguistic Analysis) (3 credits) The purpose of this course is to compare the fundamental structures of English and Turkish for translation purposes. It will introduce the basic concepts of linguistics and examine how these are applied to each language. The course is structured with an underlying assumption that the students already have fluency with both languages. *(This course is given in English and Turkish)*

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution) (2 credits) *(See General Education)*

MUTI218 Not Alma Teknikleri (Note taking Techniques) (3 credits) This course is designed to prepare students for consecutive and liaison interpreting. The course focuses on key points of the interpreting oriented note-taking process. During classroom practices, students take notes directly from authentic speeches in Turkish and English and reformulate them. The course is oriented towards developing listening/comprehension and note-taking skills to prepare students for consecutive and liaison interpreting. *(This course is given in English and Turkish)*

MUTI246 İngilizce Edebiyat II (English Literature II) (3 credits) This course is designed to look at certain texts of American Literature written in the 20th Century and discuss their historical and cultural background. The emphasis is on their contribution to the literary background of American Literature. A general understanding of the historical, social and cultural contexts of those representative texts will be achieved through the texts' structural and literary qualities. The texts chosen will illustrate various

aspects of modernism. The course aims to cover the literary and cultural aspects of the period between 1895 till the present. *(This course is given in English and Turkish)*

MUTI262 Teknik Çeviri (Technical Translation) (3 credits) This course is designed to show students the ways of using technical terminology and analyzing and translating a technical text. *(This course is given in English and Turkish)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution II) (2 credits) *(See General Education)*

MUTI317 Ardıl Çeviri (Consecutive Interpreting I) (3 credits) As sequel of MUTI218, this lesson focuses on taking notes and reformulating the source text in target language using these notes. This course requires students to develop their note-taking skills and effective use of these notes in translation process. *(This course is given in English and Turkish)*

MUTI316 Görüşme Çevirmenliği I (Liaison Interpreting I) (3 credits) This course is designed to introduce students the official and social environments liaison interpreting is needed. Students use both simultaneous and consecutive translation techniques and methods at this course. *(This course is given in English and Turkish)*

MUT308 Çeviribilime Giriş (Introduction to Translation Studies) (3 credits) This is an introductory course aiming to familiarize students with Translation Studies (TS). Dealing with the issues in the pure side of TS, the emphasis of this course will be on the basic terms and concepts as well as contemporary approaches to translation within a historical background. *(This course is given in Turkish)*

MUT483 Geçmişte Çeviri ve Çevirmenlik (Translation and Translators in History) (3 credits) This course concentrates both European and Asian traditions of translation within a historical context with a special focus on the roles and practices of translators as intercultural agents. *(This course is given in Turkish)*

MUTI441 Eşzamanlı Çeviri I (Simultaneous Interpreting I) (3 credits) This course aims to provide students with the needed qualities for being a successful interpreter and work ethics by simultaneous interpreting practices. The texts used are selected among current cultural and social events to keep students in touch with the social agenda. *(This course is given in English and Turkish)*

MUTI419 Ardıl Çeviri II (Consecutive Interpreting I) (3 credits) In this course various aspects of interpretation techniques (note taking, whispering, fluency, intonation, content and register) are examined and some practices are made to develop students' skills such as delivery and memory. *(This course is given in English and Turkish)*

MUTI442 Eşzamanlı Çeviri II (Simultaneous Interpreting II) (3 credits) As the sequel of MUTI441, this course aims to provide students with the needed qualities for being a successful interpreter and work ethics by simultaneous interpreting practices. The texts used in these practices are selected among current cultural and social events to keep students in touch with the social agenda. *(This course is given in English and Turkish)*

MUTI422 Elektronik Medya İçin Sözlü Çeviri (Interpreting for the Electronic Media) (3 credits)

This course aims to introduce students with the types and functions of interpreting for the electronic media. As in simultaneous interpreting courses, students of this course develop certain skills required for translating the source text into the target language. *(This course is given in English and Turkish)*

MUTI466 Medya Çevirisi (Translating for the Media) (3 credits)

This course is designed to prepare students to be translators in the media institutions. The emphasis of this course will be on historical development of visual, written, and electronic media and role of translation. *(This course is given in English and Turkish)*

ELECTIVES

ARP105 Arapça I (Arabic I) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ALM105 Almanca I (German I) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

CIN105 Çince I (Chinese I) (3 credits) In this beginner course, the students learn the tenses and the basic linguistic competences for daily use.

RUS105 Rusça I (Russian I) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ARP106 Arapça II (Arabic II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ALM106 Almanca II (German II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

CIN106 Çince 106 (Chinese II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

RUS106 Rusça II (Russian II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ARP205 Arapça III (Arabic III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ALM205 Almanca III (German III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

CIN205 Çince III (Chinese III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

RUS205 Rusça III (Russian III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ARP206 Arapça IV (Arabic IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ALM206 Almanca IV (German IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

CIN206 Çince IV (Chinese IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

RUS 206 Rusça IV (Russian IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

TIC201 Uluslararası Ticaretin Temelleri I (Foundations of International Trade I) (3 credits) The purpose of this course is to prepare students to be managers for the increasingly competitive international trade world. The emphasis of this course will be on approaches to and, operations and procedures of international trade.

TIC202 Uluslararası Ticaretin Temelleri II (Foundations of International Trade II) (3 credits) As sequel of TIC201, the purpose of this course is to study the structure and dynamics of international trade within an evolving world economy from the perspective of a developing country, especially Turkey. Students will analyze the essential characteristics of foreign trade structures of developing countries within recent periods of world economy.

MUTI375 Öğrenci Grup Projesi I (Student Group Project I) (3 credits) The initial aim of this course is to offer students the opportunity of using their theoretical knowledge in translation. This elective course requires groups of students to work together on a translation project. It also enables students to participate in actual working environmental situations. *(This course is given in English and Turkish)*

MUTI376 Öğrenci Grup Projesi II (Student Group Project II) (3 credits) As the sequel of MUTI375, the aim of this course is to offer students the further opportunities of using their theoretical knowledge in translation. This elective course requires groups of students to work together on a translation project. It also enables students to participate in actual working environmental situations. *(This course is given in English and Turkish)*

ARP301 Arapça V (Arabic V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ALM301 Almanca V (German V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

CIN301 Çince V (Chinese V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

RUS301 Rusça V (Russian V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ARP302 Arapça VI (Arabic VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ING304 İngilizce VI (English VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ALM302. Almanca VI (German VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

CIN302 Çince VI (Chinese VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

RUS302 Rusça VI (Russian VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

MUT355 Çevirmenler ve Editörler için Osmanlıca I (Ottoman Language for Translators and Editors I) (3 credits) (*See General Education*)

MUT356 Çevirmenler ve Editörler için Osmanlıca II (Ottoman Language for Translators and Editors II) (3 credits) (*See General Education*)

MUTI361/381/362/382–Özel Alan Çevirisi (Specialization Area Translation) (A/B areas) (3 credits) These modules are offered on elective basis with the objective of providing the students with an introduction to translation such as law, economy and medicine etc. Basic knowledge and terminology of

related areas will be studied under the guidance of the expert instructors. (*This course is given in English and Turkish*)

MUTI437 Edebiyat Çevirisi I (Literary Translation I) (3 credits) This course investigates the strategies needed to be considered in translation of literary texts which seen as products of the culture from which they emerge. The course aims to show the students the importance of cultural differences and make them aware of the strategies they should consider these differences in translation process. (*This course is given in English and Turkish*)

MUTI438 Edebiyat Çevirisi II (Literary Translation II) (3 credits) As sequel of MUTI437, this course investigates the strategies needed to be considered in translation of literary texts which seen as products of the culture from which they emerge. The course aims to show the students the importance of cultural differences and make them aware of the strategies they should consider these differences in translation process. (*This course is given in English and Turkish*)

MUT495 Kültür Çalışmaları I (Cultural Studies I) (3 credits) The course mainly focuses on explaining contemporary cultural theory. Topics as semiotics, modernity, post-modernity, deconstruction and poststructuralism are examined. Particular media and text forms are analyzed to familiarize the students with the related culture. (*This course is given in Turkish*)

MUT496 Kültür Çalışmaları II (Cultural Studies II) (3 credits) As the sequel of MUT495, this course mainly focuses on further explanation of contemporary cultural theory. Topics as semiotics, modernity, post-modernity, deconstruction and post structuralism are examined. Particular media and text forms are analyzed to familiarize the students with the related culture. (*This course is given in Turkish*)

ALM401 Almanca VII (German VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

CIN401 Çince VII (Chinese VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

RUS401 Rusça VII (Russian VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

ALM402 Almanca VIII (German VIII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

CIN402 Çince VIII (Chinese VIII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.).

RUS402 Rusça VIII (Russian VIII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.) T

ARP401 Arapça VII (Arabic VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

ARP402 Arapça VIII (Arabic VIII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

Translation Studies in Russian

About program

The program is designed first to focus on the students' Russian language skills and then to train them as translators providing them with the necessary skills for interpreting and translating texts due to the courses designed by theory and practice.

Goal

The aim of Translating and Interpreting Russian Department is to train students, equipping them with language skills and professional knowledge and expertise needed to make them competent translators in cultural, economic and political areas.

Objectives

The Department of Translation Studies in Russian aims at training translators to meet the need for translators, operating between Turkish and Russian in various fields of public and private sectors, such as medicine, law, commerce, the media and publishing.

The total credits required for the satisfactory completion of the curriculum are 122 credits. The program requires students to elect a second language among English/Chinese/Arabic/German and graduate with a B1 level.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTR113	Sözlü Anlatım-I	Yes	Yes	2 + 2	3
MUTR125	Yazılı Anlatım I	Yes	Yes	2 + 4	4
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
UYG101	Uygarlık Tarihi I	Yes	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 +2	3
KYP001	Kariyer ve Yaşam	Yes	Yes	0 + 2	1

[+] 1. Semester Elective Course List

Total :	16
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2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTR106	Çeviriye Giriş	Yes	Yes	3 + 0	3
MUTR114	Sözlü Çeviri-II	Yes	Yes	2 + 2	3
MUTR126	Yazılı Çeviri II	Yes	Yes	2 + 4	4
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
	Seçmeli Yabancı Dil	No	Yes	2 +2	3
MUTR194	Kaynak ve Erek Kültür Karşılaştırmaları	Yes	Yes	2 + 2	3

[+] 2. Semester Elective Course List

Total :	18
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3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTR229	Çeviri Amaçlı Dil Edinci	Yes	Yes	2 + 2	3
MUTR203	Çeviri Amaçlı Metin Çözümlemesi	Yes	Yes	3 + 0	3
MUTR245	Rus Edebiyatı I	Yes	Yes	3 + 0	3
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

MUTR261	Rusça Metin Türleri	Yes	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 +2	3

[+] 3. Semester Elective Course List

Total :	17
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4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTR262	Teknik Çeviri	Yes	Yes	3 + 0	3
MUTR246	Rus Edebiyatı II	Yes	Yes	3 + 0	3
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
MUTR216	Not Alma Teknikleri	Yes	Yes	2 + 2	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Total :	17
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5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTR317	Ardıl Çeviri I	Yes	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2+ 2	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Seçmeli Üniversite Dersi	No	Yes	2 + 2	3
MUT345	Dilbilime Giriş	No	Yes	3 + 0	3

[+] 5. Semester Elective Course List

Total :	15
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6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUT308	Çeviri bilime Giriş	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

MUTR316	Görüşme Çevirmenliği I	Yes	Yes	3 + 0	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3
	Seçmeli Üniversite Dersi	No	Yes	3 + 0	3

[+] 6. Semester Elective Course List

Total :	15
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7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUT483	Geçmişte Çeviri ve Çevirmenlik	Yes	Yes	3 + 0	3
	Seçmeli Bölüm/Fakülte Dersi	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2+ 2	3
	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
MUT483	Geçmişte Çeviri ve Çevirmenlik	Yes	Yes	3 + 0	3
MUTR441	Eşzamanlı Çeviri I	No	Yes	3 + 0	3
MUTR419	Ardıl Çeviri II	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3

[+] 7. Semester Elective Course List

Total :	12
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8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MUTR466	Medya Çevirisi	Yes	Yes	3 + 0	3
	Seçmeli Bölüm/Fakülte Dersi	No	Yes	3 + 0	3
	Seçmeli Bölüm Dersi	No	Yes	2+ 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
MUTR442	Eşzamanlı Çeviri II	No	Yes	3 + 0	3
MUTR422	<i>Elektronik Medyada Sözlü Çeviri</i>	No	Yes	3 + 0	3
	Seçmeli Bölüm/Fakülte Dersi	No	Yes	3 + 0	3
	Seçmeli Yabancı Dil	No	Yes	2 + 2	3

[+] 8. Semester Elective Course List

Total :	12
Grand Total	122

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

MUTR113 Sözlü Anlatım I (Speaking Skills I) (3 credits) Designed as an introductory course for interpretation, this course aims to develop oral communication skills by increasing students' speaking ability through discussions and presentations. Students prepare and present oral speeches in Russian to discuss certain problems may come across. *(This course is given in Russian and Turkish)*

MUTR125 Yazılı Anlatım I (Writing Skills I) (4 credits) This course is designed as an introduction to text production in translation. Students are provided with theoretical and practical knowledge about types and structures of paragraphs, analyzing those paragraphs and making outlines. To provide students with written communication skills, they are asked to write paragraphs about different topics. *(This course is given in Russian and Turkish)*

UYG101 Uygarlık Tarihi I (Humanities I) (3 credits) *(See General Education)*

TRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education)*

KYP001 Kariyer ve Yaşam (Career and Life Planning) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about Professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish)*

MUTR114 Sözlü Anlatım II (Speaking Skills II) (3 credits) This course equips students with the skills and knowledge necessary to communicate effectively in Russian. It also aims to improve the students' ability of understanding spoken Russian and participating in conversations effectively in an academic context. Its task-oriented structure allows students to participate actively in the course. *(This course is given in Russian and Turkish)*

MUTR126 Yazılı Anlatım II (Writing Skills I) (4 credits) As a course focusing on practice, the students are asked to compose written texts in Russian and develop their writing skills in general. Types, structures and technical characteristics of written texts are examined. Students are equipped with different skills such as analyzing, summarizing and interpreting written texts. *(This course is given in Russian and Turkish)*

MUTR106 Çeviriye Giriş (Introduction to Translation) (3 credits) The aim of this course is to offer students basic translation terms and basic skills of reading for translation purpose, to enable students to learn the concepts concerning the act and scope of translation, to become familiar with the factors relevant in translation as a profession and in its areas, to gain the necessary practical knowledge for further application-based courses. *(This course is given in Turkish)*

TRD102 Türk Dili II (2 credits) *(See General Education)*

MUTR194 Kaynak ve Erek Kültür Karşılaştırmaları (Source and Target Culture-specific Studies) (3 credits) This course will help students understand the differences and similarities between Russian and Turkish cultures. Comparative studies between the two cultures on geography, history,

traditions and modern trends will be made in a subject based way. Culture as a concept will be analyzed as an art, as a value, and as a sector. Students will be expected to gain a better cultural perspective both on the source and on the target cultures. *(This course is given in Russian and Turkish)*

MUTR229 Çeviri Amaçlı Dil Edinci (Translation Oriented Language Acquisition) (3 credits) This course will focus on the usage of basic language skills for translation. Significant features and stylistics of Turkish and Russian are analyzed comparatively. After analysis, short texts in Russian are translated. *(This course is given in Russian and Turkish) (Prerequisites: MUTR125, MUTR126)*

MUTR203 Çeviri Amaçlı Metin Çözümleme (Translation Oriented Text Analysis) (3 credits) This course describes the role and scope of source-text analysis in the translation process and explains the extra-textual and intra-textual factors and their interaction in the text, using numerous examples from all areas of professional translation. *(This course is given in Russian and Turkish)*

MUTR245 Rus Edebiyatı I (Russian Literature I) (3 credits) In this course, cultural, social and political circumstances under which Russian literature came into being are discussed. Examples from modern Russian literature are studied. Basic skills needed for evaluation of literary works of the 20th century are instilled. The texts to be discussed in class comprise poetry, drama, novels, short stories, and essays. The course also aims to offer a general understanding of the social and cultural environment of these texts as well as their formal and structural qualities. *(This course is given in Russian and Turkish)*

ATA101 Atatürk İlkeleri ve İnkılap Tarihi (History of Turkish Revolution) (2 credits) *(See General Education) (This course is given in Turkish)*

MUTR261 Rusça Metin Türleri (Russian Text Types) (3 credits) The purpose of this course is to make the students meet the demands of the written tasks in the Russian courses. By using this guide, students will be able to develop and refine their writing skills, as well as some oral skills, and produce oral and written texts to a fair degree of proficiency. *(This course is given in Russian and Turkish)*

MUTR216 Not Alma Teknikleri (Note-Taking) (3 credits) This course is designed to prepare students for consecutive and liaison interpreting. The course focuses on key points of the interpreting oriented note-taking process. During classroom practices, students take notes directly from authentic speeches in Turkish and Russian and reformulate them. The course is oriented towards developing listening/comprehension and note-taking skills to prepare students for consecutive and liaison interpreting. *(This course is given in Russian and Turkish)*

MUTR262 Teknik Çeviri (Technical Translation) (3 credits) This course is designed to show students the ways of using technical terminology and analyzing and translating a technical text. *(This course is given in Russian and Turkish)*

MUT308 Çeviribilime Giriş (Introduction to Translation Studies) (3 credits) This is an introductory course aiming to familiarize students with Translation Studies (TS). Dealing with the issues in the pure side of TS, the emphasis of this course will be on the basic terms and concepts as well as contemporary approaches to translation within a historical background. *(This course is given in Russian and Turkish)*

MUTR246 Rus Edebiyatı II (Russian Literature II) (3 credits) This course is the continuation of Russian Literature I. Basic skills needed for evaluation of literary works of the 20th century are instilled.

The texts to be discussed in class comprise poetry, drama, novels, short stories, and essays. The course also aims to offer a general understanding of the social and cultural environment of these texts as well as their formal and structural qualities. *(This course is given in Russian and Turkish)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi (History of Turkish Revolution) (2 credits) *(See General Education)*

MUTR317 Ardıl Çeviri (Consecutive Interpreting I) (3 credits) As sequel of MUTR216, this lesson focuses on taking notes and reformulating the source text in target language using these notes. This course requires students to develop their note-taking skills and effective use of these notes in translation process. *(This course is given in Russian and Turkish)*

MUTR316 Görüşme Çevirmenliği I (Liaison Interpreting I) (3 credits) This course is designed to introduce students the official and social environments liaison interpreting is needed. Students use both simultaneous and consecutive translation techniques and methods at this course. *(This course is given in Russian and Turkish)*

MUT345 Dilbilime Giriş (Introduction to Linguistics) (3 credits) This theoretical course focuses on the history of contemporary linguistics, its basic concepts and principles. It also provides information on the schools and branches of linguistics, such as Socio and Psycholinguistics. The course aims to maintain the conceptual basis for the further study, research and reading in this area. Special attention is paid to the liaison between Linguistics and Translation Studies. *(This course is given in Russian and Turkish)*

MUT483 Geçmişte Çeviri ve Çevirmenlik (Translation and Translators in History) (3 credits) This course concentrates both European and Asian traditions of translation within a historical context with a special focus on the roles and practices of translators as intercultural agents. *(This course is given in Russian and Turkish)*

MUTR441 Eşzamanlı Çeviri I (Simultaneous Interpreting) (3 credits) This course aims to provide students with the needed qualities for being a successful interpreter and work ethics by simultaneous interpreting practices. The texts used are selected among current cultural and social events to keep students in touch with the social agenda. *(This course is given in Russian and Turkish)*

MUTR419 Ardıl Çeviri II (Consecutive Interpreting) (3 credits) In this course various aspects of interpretation techniques (note taking, whispering, fluency, intonation, content and register) are examined and some practices are made to develop students' skills such as delivery and memory. *(This course is given in Russian and Turkish)*

MUTR442 Eşzamanlı Çeviri II (Simultaneous Interpreting II) (3 credits) As the sequel of MUTR441, this course aims to provide students with the needed qualities for being a successful interpreter and work ethics by simultaneous interpreting practices. The texts used in these practices are selected among current cultural and social events to keep students in touch with the social agenda. *(This course is given in Russian and Turkish)*

MUTR422 Elektronik Medyada Sözlü Çeviri (Interpreting for the Electronic Media) (3 credits) This course aims to introduce students with the types and functions of interpreting for the electronic

media. As in simultaneous interpreting courses, students of this course develop certain skills required for translating the source text into the target language. (*This course is given in Russian and Turkish*)

MUTR466 Medya Çevirisi (Translating for the Media) (3 credits) This course is designed to prepare students to be translators in the media institutions. The emphasis of this course will be on historical development of visual, written, and electronic media and role of translation. (*This course is given in Russian and Turkish*)

ELECTIVES

ARP105 Arapça I (Arabic I) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ING107 İngilizce I (English I) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ALM105 Almanca I (German I) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ARP106 Arapça II (Arabic II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ING 108 İngilizce II (English II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

ALM106 Almanca II (German II) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

CIN106 Çince I (Chinese I) (3 credits) In this beginner course, the students learn the usage of tenses and acquire basic linguistic competences for daily use.

MUTI113 Sözlü Anlatım I (Speaking Skills-I) (3 credits) Designed as an introductory course for interpretation, this course aims to develop oral communication skills by increasing students' speaking ability through discussions and presentations. Students prepare and present oral speeches in English to discuss certain problems may come across. (*This course is given in English and Turkish*)

MUTI123 Yazılı Anlatım I (Writing Skills I) (4 credits) This course is designed as an introduction to text production in translation. Students are provided with theoretical and practical knowledge about types and structures of paragraphs, analyzing those paragraphs and making outlines. To provide students with written communication skills, they are asked to write paragraphs about different topics. (*This course is given in English and Turkish*)

MUTI245 İngilizce Edebiyat I (English Literature I) (3 credits) In this course, cultural, social and political circumstances under which English literature came into being are discussed. Examples from modern English literature are studied. Basic skills needed for evaluation of literary works of the 20th

century are given. The texts to be discussed in class comprise poetry, drama, novels, short stories, and essays. The course also aims to offer a general understanding of the social and cultural environment of those texts as well as their formal and structural qualities. *(This course is given in English and Turkish)*

MUTI116 Sözlü Anlatım II (Speaking Skills-II) (3 credits) This course equips students with the skills and knowledge necessary to communicate effectively in English. It also aims to improve the students' ability of understanding spoken English and participating in conversations effectively in an academic context. Its task-oriented structure allows students to participate actively in the course. *(This course is given in English and Turkish)*

MUTI124 Yazılı Anlatım II (Writing Skills II) (4 credits) As a course focusing on practice, the students are asked to compose written texts in English and develop their writing skills in general. Types, structures and technical characteristics of written texts are examined. Students are equipped with different skills such as analyzing, summarizing and interpreting written texts. *(This course is given in English and Turkish)*

MUTI246 İngilizce Edebiyat II (English Literature II) (3 credits) This course is designed to look at certain texts of American Literature written in the 20th Century and discuss their historical and cultural background. The emphasis is on their contribution to the literary background of American Literature. A general understanding of the historical, social and cultural contexts of those representative texts will be achieved through the texts' structural and literary qualities. The texts chosen will illustrate various aspects of modernism. The course aims to cover the literary and cultural aspects of the period between 1895 till the present. *(This course is given in English and Turkish)*

MUTR 381/374 –Özel Alan Çevirisi (Specialization Area) (A/B areas) (3 credits) These modules are offered on elective basis with the objective of providing the students with an introduction to translation such as law, economy and medicine etc. Basic knowledge and terminology of related areas will be studied under the guidance of the expert instructors. *(This course is given in Russian and Turkish)*

ARP205 Arapça III (Arabic III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ING207 İngilizce III (English III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ALM205 Almanca III (German III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

CIN205 Çince III (Chinese III) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ARP206 Arapça IV (Arabic IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ING208 İngilizce IV (English IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

ALM 206 Almanca IV (German IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

CIN206 Çince IV (Chinese IV) (3 credits) The aim of this course is to offer students an intermediate level of fluency and competence in their second foreign language. The students are also provided with the basic information on social and cultural background of the language in question.

MUTR437 Edebiyat Çevirisi I (Literary Translation I) (3 credits) This course investigates the strategies needed to be considered in translation of literary texts which seen as products of the culture from which they emerge. The course aims to show the students the importance of cultural differences and make them aware of the strategies they should consider these differences in translation process. *(This course is given in Russian and Turkish)*

ARP301 Arapça V (Arabic V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ING303 İngilizce V (English V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ALM301 Almanca V (German V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

CIN301 Çince V (Chinese V) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ARP302 Arapça VI (Arabic VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ING304 İngilizce VI (English VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

ALM302 Almanca VI (German VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

CIN302 Çince VI (Chinese VI) (3 credits) The aim of this course is to offer students an advanced level of fluency and competence in their second foreign language. The students are also offered more advanced information on the social and cultural background of their second foreign language.

MUT355 Çevirmenler ve Editörler için Osmanlıca I (Ottoman Language for Translators and Editors I) (3 credits) (*See General Education*)

MUT356 Çevirmenler ve Editörler için Osmanlıca II (Ottoman Language for Translators and Editors II) (3 credits) (*See General Education*)

MUT495 Kültür Çalışmaları I (Culture Studies I) (3 credits) The course mainly focuses on explaining contemporary cultural theory. Topics as semiotics, modernity, post-modernity, deconstruction and poststructuralism are examined. Particular media and text forms are analyzed to familiarize the students with the related culture.

ING403 İngilizce VII (English VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types such as literary, technical, etc.

ALM401 Almanca VII (German VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

CIN401 Çince VII (Chinese VII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

MUT496 Kültür Çevirisi II (Culture Studies II) (3 credits) As the sequel of MUT495, this course mainly focuses on further explanation of contemporary cultural theory. Topics as semiotics, modernity, post-modernity, deconstruction and poststructuralism are examined. Particular media and text forms are analyzed to familiarize the students with the related culture. (This course is given in Turkish)

ALM402 Almanca VIII (German VIII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.)

ING404 İngilizce VIII (English VIII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.) The translations that will be made in this course will be mostly from English into Turkish.

CIN402 Çince VIII (Chinese VIII) (3 credits) The aim of this course is to enable students to use their second foreign language in translation. They translate basic texts of different types (literary, technical, etc.).

MUTR437 Edebiyat Çevirisi I (Literary Translation I) (3 credits) This course investigates the strategies needed to be considered in translation of literary texts which seen as products of the culture from which they emerge. The course aims to show the students the importance of cultural differences and make them aware of the strategies they should consider these differences in translation process. *(This course is given in Russian and Turkish)*

MUTR 438 Edebiyat Çevirisi II (Literary Translation II) (3 credits) As sequel of MUTI437, this course investigates the strategies needed to be considered in translation of literary texts which seen as products of the culture from which they emerge. The course aims to show the students the importance of cultural differences and make them aware of the strategies they should consider these differences in translation process. *(This course is given in Russian and Turkish)*

MUTR423 Görüşme Çevirmenliği II (Liaison Interpreting I) (3 credits) As sequel of MUTR423, this course is designed to introduce students the official and social environments liaison interpreting is needed. Students use both simultaneous and consecutive translation techniques and methods at this course. *(This course is given in Russian and Turkish)*

FACULTY OF LAW

Law (Turkish)

About Program

Law is one of the departments which have the broadest possibility of job offers in Turkey. Law graduates may choose to work as lawyers, judges or prosecutors as well as legal consultants, notaries, governors, diplomats, academics, officers etc. in public or private sector. In addition to those options, it is a fact that legal professionals gain more importance in the international area as the international legal system continues to advance.

It bears a great importance to us for our students not to gain training in just basic legal skills but also in critical skills, writing, and rhetoric. Hypothetical court rooms owned by the Law School are readily available to service for our students.

Goals

The mission Faculty of Law is to train creative lawyers who are able to internalize concepts such as justice, freedom, democracy and human rights; have a command of more than one language, culture and law system; are leading experts that believe in rule of law and prove themselves with their intellectual knowledge. In order to assist theoretical courses, our faculty provides classes that focus on practical cases, legal clinic and summer internships. Law school graduates can be legal advisors, lawyers, judges, prosecutors, and advocates as well as notaries, governors, district governors, diplomats, scholars and civil servants; and can also work in national and international organizations, non-governmental organizations, international courts and arbitral tribunals.

The total credits required for the satisfactory completion of the curriculum are 149 credits.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA101	History of Turkish Republic I	Yes	Yes	2 + 0	2
TRD101	Turkish Language I	Yes	Yes	2 + 0	2
HUK119	Medeni Hukuk I	Yes	Yes	4 + 0	4
HUK115	Anayasa Hukuku I	Yes	Yes	4 + 0	4
SECGNL1YY	1st Semester Elective (Department)	No	Yes	0 + 0	2
SECGNL1YY	1st Semester Elective (Department)	No	Yes	0 + 0	2
SECGNL1YY	1st Semester Elective (Foreign Language/University)	No	Yes	0 + 0	2
SECGNL1YY	Yabancı Uyruklu Öğrenciler için Türkçe Dersi	No	Yes	0 + 0	2
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0 + 2	1

[+] 1st Semester Elective Course List

Total :	19
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152

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA102	History of Turkish Republic II	Yes	Yes	2 + 0	2
TRD102	Turkish Language II	Yes	Yes	2 + 0	2
HUK118	Anayasa Hukuku II	Yes	Yes	4 + 0	4
HUK120	Medeni Hukuk II (Aile Hukuku)	Yes	Yes	4 + 0	4
SECFK2YY	2nd Semester Elective (Faculty)	No	Yes	4 + 0	4
SECFK2YY	2nd Semester Elective (Faculty)	No	Yes	4 + 0	4
SECUNV2YY	2nd Semester Elective (University)	No	Yes	2 + 0	2

2nd SEMESTER COURSE PLAN

[+] 2nd Semester Elective Course List

Total :	18
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3rd SEMESTER COURSE PLAN¹⁵³

Code	Course Title	*C	**A	***L+P Hours	Credits
HUK229	Borçlar Hukuku I (Genel Hükümler)	Yes	Yes	2 + 2	3
HUK231	Ceza Hukuku I (Genel Hükümler)	Yes	Yes	2 + 2	3
HUK233	İdare Hukuku I	Yes	Yes	4 + 0	4
HUK235	Devletler Genel Hukuku I	Yes	Yes	3 + 0	3
HUK237	Genel Kamu Hukuku I (Dev. Doktr.)	Yes	Yes	2 + 0	2
SECGNL3YY	3rd Semester Elective (Department/Foreign Language)	No	Yes	0 + 0	4

[+] 3rd Semester Elective Course List

Total :	17
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4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HUK228	Borçlar Hukuku II (Genel Hükümler)	Yes	Yes	2 + 2	3
HUK230	Ceza Hukuku II (Genel Hükümler)	Yes	Yes	2 + 2	3
HUK216	İdare Hukuku II	Yes	Yes	2 + 2	3
HUK222	Devletler Genel Hukuku II	Yes	Yes	3 + 0	3
HUK224	Genel Kamu Hukuku II (T. Hak ve Özg.)	Yes	Yes	2 + 0	2
HUK226	Hukuk Felsefesi	Yes	Yes	2 + 0	2
SECGNL4YY	4th Semester Elective (Faculty/Foreign Language)	No	Yes	2 + 0	2

[+] 4th Semester Elective Course List

Total :	18
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Code	Course Title	*C	**A	***L+P Hours	Credits
HUK307	Medeni Usul Hukuku I	Yes	Yes	2 + 2	3
HUK313	Ticaret Hukuku I	Yes	Yes	3 + 2	4
HUK325	Eşya Hukuku I	Yes	Yes	3 + 0	3
HUK317	Borçlar Hukuku I (Özel Hükümler)	Yes	Yes	3 + 0	3
HUK323	Vergi Hukuku I	Yes	Yes	2 + 0	2
HUK321	Hukuku Sosyolojisi	Yes	Yes	2 + 0	2
SECGNL5YY	5th Semester Elective (Department/Foreign Language)	No	Yes	0 + 0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

5th SEMESTER COURSE PLAN
[+] 5th Semester Elective Course List

Total :	18
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6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HUK308	Medeni Usul Hukuku II	Yes	Yes	2 + 2	3
HUK312	Ceza Hukuku I (Özel Hükümler)	Yes	Yes	1 + 2	2
HUK316	Eşya Hukuku II	Yes	Yes	3 + 0	3
HUK318	Borçlar Hukuku II (Özel Hükümler)	Yes	Yes	3 + 0	3
HUK322	Ticaret Hukuku II (Ortaklıklar Hukuku)	Yes	Yes	2 + 2	3
HUK326	Vergi Hukuku II	Yes	Yes	2 + 0	2
SECGNL6YY	6th Semester Elective (Faculty/Foreign Language)	No	Yes	2 + 0	2

[+] 6th Semester Elective Course List

Total :	18
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7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HUK411	Devletler Özel Hukuku I	Yes	Yes	3 + 0	3
HUK403	İcra İflas Hukuku I	Yes	Yes	2 + 2	3
HUK407	Ceza Usul Hukuku I	Yes	Yes	2 + 2	3
HUK401	İş Hukuku I (Bireysel İş Hukuku)	Yes	Yes	2 + 1	3
HUK413	Kıymetli Evrak Hukuku	Yes	Yes	2 + 0	2
HUK419	Miras Hukuku I	Yes	Yes	3 + 0	3
HUK417	Deniz Ticareti ve Sigorta Hukuku I	Yes	Yes	3 + 0	3
SECGNL7 YY	7th Semester Elective (Department)	No	Yes	0 + 0	2

[+] 7th Semester Elective Course List

Total :	22
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8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HUK412	Devletler Özel Hukuku II	Yes	Yes	3 + 0	3
HUK404	İcra İflas Hukuku II	Yes	Yes	1 + 2	2

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

HUK406	İş Hukuku II (Toplu İş Huk. ve Sos. Güv.)	Yes	Yes	3 + 0	3
HUK408	Ceza Usul Hukuku II	Yes	Yes	2 + 2	3
HUK420	Deniz Ticareti ve Sigorta Hukuku II	Yes	Yes	3 + 0	3
HUK418	Miras Hukuku II	Yes	Yes	3 + 0	3
SECGNL8 YY	8th Semester Elective (Faculty)	No	Yes	0 + 0	2

[+] 8th Semester Elective Course List

Total :	19
Grand Total	149

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

HUK115 Anayasa Hukuku I (Constitutional Law I) (4 credits) The aim of this course is to present the literary sources of the Constitutional Law and to explain its basic notions. The modern constitutional institutions and its relations with individuals will be taught in the light of the historical development of the concept of constitutionalism and the constitutional movements. *(This course is given in Turkish.)*

HUK119 Medeni Hukuk I (Kişiler Huk.) (Civil Law I) (4 credits) This course aims to be understood of the issues that initial provisions and law of persons books in The Turkish Civil Code contain. *(This course is given in Turkish.)*

TRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education) (This course is given in Turkish.)*

ATA101 Atatürk İlkeleri Ve İnkılap Tarihi I (History of Turkish Republic I) (2 credits) *(See General Education) (This course is given in Turkish.)*

HUK107 Hukuk Başlangıcı (Introduction to Law) (3 credits) *(See General Education) (This course is given in Turkish.)*

HUK111 Roma Hukuku I (Roman Law I) (3 credits) During this course; the interaction with Roman Law and modern legal systems is examined by determining the essential components and describing basic concepts of Roman Law. *(This course is given in Turkish.)*

HUK118 Anayasa Hukuku II (Constitutional Law II) (4 credits) This course designed to prepare students to progress in Constitutional Law. The emphasis of this course will be on the thoughts of constitutions through the Ottoman to Republic of Turkey. Through chapters and readings, we will discuss issues related to constitutional developments in Ottoman and Republic of Turkey. Furthermore, the function and operations of legislation, the function and operations of execution, election system in Turkey, the constitution of the executive power and the president, function and essence of the jurisprudence will be treated in this course. During the lectures, students will be discussing the topics and developing their abilities to link past doctrines to modern times constitutional law terms. *(This course is given in Turkish.) Prerequisite: HUK118.*

HUK120 Medeni Hukuk II (Aile Hukuku) (Civil Law II) (4 credits) In this course Family Law is discussed and taught to cover fully the marriage law and juvenile law. *(This course is given in Turkish.) Prerequisite: HUK119.*

HUK132 Roma Hukuku (Roman Law) (5 credits) During this course; the interaction with Roman Law and modern legal systems is examined by determining the essential components and describing basic concepts of Roman Law. *(This course is given in Turkish.)*

TRD102 Türk Dili I (Turkish Language II) (2 credits) *(See General Education) (This course is given in Turkish.)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Republic II) (2 credits) (*See General Education*)

IKT152 Ekonomi (Economy) (3 credits) (*See General Education*)

HUK229 Borçlar Hukuku I (Genel Hük.) (Law of Obligations I) (General Provisions) (3 credits)
During this course; the general principles of obligations law are determined, concepts of this branch of law are described and the relevant provisions of The Turkish Code of Obligations are examined. (*This course is given in Turkish.*)

HUK231 Ceza Hukuku I (Genel Hük.) (Criminal Law I) (General Provisions) (3 credits) This course begins with the subjects of basic principles and liability. The first part of course contains detailed information about sources of criminal law, application of criminal law in the terms of time, place and person. In the second part of the course, general theory of crime will be taught. Moreover students can understand that criminal law is the protector of the human rights. At this point, criminal capacity, intent, negligence, unjust provocation, recidivism, elements of crime, criminal attempt, accompliceship and joinder of crimes will be the essential concepts. At the end of this course, students will be able to use general concept of criminal law, resources and principles of criminal law. (*This course is given in Turkish.*)

HUK233 İdare Hukuku I (Administrative Law I) (4 credits) This course will examine the sources of administrative law, concepts of State, centralized government, municipal governments, public service, independent regulatory agencies such as the Capital Markets Board, the Radio and Television High Council, the Competition Board and the Supervisory and Regulatory Body for Banking, legal status of a public servant, public property, legal regime applicable to public land, procedure for expropriation, and compensation and privatization procedures. (*This course is given in Turkish.*)

HUK235 Devletler Genel Hukuku I (Public International Law I) (3 credits) Throughout the course sub branches of public international law will be identified and general terms related to public international law will be explained. (*This course is given in Turkish.*)

HUK237 Genel Kamu Hukuku I (Dev. Doktr.) (General Public Law I) (State Doctrines) (2 credits)
This course designed to prepare students to progress in Public Law. The emphasis of this course will be on the doctrines of state through the history of ancient to modern times. Through chapters and readings, we will discuss issues related to doctrines of state in Ancient Greece and Rome, Middle Ages and the ideas of the philosophers like Ibn Khaldun, Machiavelli, Thomas Hobbes, John Locke, etc. Furthermore, declaration of the Rights of Man and of the Citizen, pluralism and liberal democracy, nation-state and globalization and democracy will be treated in this course. During the lectures, students will be discussing the topics and developing their abilities to link past doctrines to modern times public law terms. (*This course is given in Turkish.*)

HUK228 Borçlar Hukuku II (Genel Hük.) (Law of Obligations II) (General Provisions) (3 credits)
During this course; the general principles of obligations law are determined, concepts of this branch of law are described and the relevant provisions of The Turkish Code of Obligations are examined. (*This course is given in Turkish.*) *Prerequisite: HUK229.*

HUK230 Ceza Hukuku II (Genel Hük.) (Criminal Law II) (General Provisions) (3 credits) Purpose of the course is, by means of obtained qualifications of Criminal Law General Principles I, to examine

the special appearance forms of crime and explain the forms in terms of criminal law science. Besides it provides to learn sanction theory in criminal law and basis of aim, qualifications, types, determination of punishment. Furthermore this course aims to explain the term of punishment relation between person and government and argue reasons of abolition of the relation. Moreover, crime against people and property will be examined in the lights of criminal law qualifications. *(This course is given in Turkish.) Prerequisite: HUK231.*

HUK216 İdare Hukuku II (Administrative Law II) (3 credits) This course will cover issues such as public administration and State liability, administrative contracts, build-operate-transfer contracts, supervision of administrative authorities, administrative courts and procedure, actions for annulment of administrative acts, and compensation and arbitration. *(This course is given in Turkish.) Prerequisite: HUK233.*

HUK219 Roma Hukuku (Roman Law II) (2 credits) During this course; the interaction with Roman Law and modern legal systems is examined by determining the essential components and describing basic concepts of Roman Law. *(This course is given in Turkish.) Prerequisite: HUK111.*

HUK222 Devletler Genel Hukuku II (Public International Law II) (3 credits) In order to deepen the knowledge of the students with respect to the sub branches of Public International Law the general terms and important precedent cases related the topics such as “Law of the Sea”, “Law of the Treaties” and “State and its agents Immunities” will be the taught. *(This course is given in Turkish.) Prerequisite: HUK235.*

HUK224 Genel Kamu Hukuku II (T. Hak Ve Özg.) (Public Law II) (Fundamental Rights and Freedoms) (2 credits) This course designed to prepare students to progress in Public Law. The emphasis of this course will be on the doctrines of state through the history of ancient to modern times. Through chapters and readings, we will discuss issues related to basic rights in England, France and the US and the reform movements and constitutions in Ottoman and Republic of Turkey. Furthermore, declaration of the Rights of Man and of the Citizen, theories of liberty, democratic institutions, militant democracy and secular state will be treated in this course. During the lectures, students will be discussing the topics and developing their abilities to link past doctrines to modern times public law terms. *(This course is given in Turkish.) Prerequisite: HUK237.*

HUK226 Hukuk Felsefesi (Philosophy of Law) (2 credits) In order to form a general opinion about what law is and how it is known, schools of natural law, legal positivism, legal realism and the approach of the philosophers who are connected to these schools are explained. *(This course is given in Turkish.)*

HUK325 Eşya Hukuku I (Property Law I) (3 credits) The aim of course is giving practical information about property law related to real or personal property which is great important economically and legally, scope of domination on property, acquisition of right. This course aim is to acquaint students with rule of laws related to real right and to teach students how to apply the relevant law to practical situation in case of violation. This course is included acquisition of possession, loss of possession, law suits, the aim of land registry, administration of responsible, wrongful entry, correcting of registry, right of possession. *(This course is given in Turkish.)*

HUK317 Borçlar Hukuku I (Özel Hük.) (Law of Obligations I) (Special Provisions) (3 credits) This course designed to prepare an overview and special provisions of the Turkish Code of Obligations. *(This course is given in Turkish.)*

HUK313 Ticaret Hukuku I (Ticari İşletme) (Commercial Law I) (3 credits) This course will examine the basic principles of commercial law, commercial establishment, registered office, branch office, commercial establishment pledge, takeover of commercial establishment, commercial transaction, presumption of commercial transaction, commercial regulations, commercial jurisdiction, merchant, commercial register, merchant's assistants, commercial books, unfair competition as well as the current account in terms of Turkish Commercial Code. *(This course is given in Turkish.)*

HUK307 Medeni Usul Hukuku I (Civil Procedure Law I) (3 credits) Protection, determination, realization of rights arising out of substantive law relating to private law and learning of principles and theories relating to the judgment procedures. *(This course is given in Turkish.)*

HUK323 Vergi Hukuku I (Tax Law I) (2 credits) The aim of the course to understand the concepts and rules of Tax Law. *(This course is given in Turkish.)*

HUK321 Hukuk Sosyolojisi (Sociology of Law) (2 credits) Within this course, while studying the social perspective of law and the problem of effectiveness, the influence of the social upheaval and the globalization on law and its relation with certain institutions is being treated. *(This course is given in Turkish.)*

HUK308 Medeni Usul Hukuku I (Civil Procedure Law II) (3 credits) As an integral part of the Civil Procedure Law I Course, subjects such as evidence, law of proof, special judgment procedures, appeal and arbitration are examined in order to complete the subjects in Civil Procedure Law I Course and other principles and rules that are essential for the civil procedure law. *(This course is given in Turkish.) Prerequisite: HUK307.*

HUK312 Ceza Hukuku I (Genel Hük.) (Criminal Law) (Special Provisions) (2 credits) Criminal law- specific provisions course is intended to teach students general observations about criminal law specific provisions, general information about types of crimes. At the end of the course students will be learnt detailed information about legal benefits, perpetrator, material and moral element, attempt, gathering, accessory of specific crimes. Crimes against the person, freedom and property are the main issues of the lesson. *(This course is given in Turkish.) Prerequisite: None.*

HUK316 Eşya Hukuku II (Law of Property II) (3 credits) Restriction of domination, responsible of ownership, including real and personal property, the concept of limited real right in rem, characteristics of pledge right, characteristics of real burden and related issues will be examined in this course. *(This course is given in Turkish.) Prerequisite: HUK325.*

HUK318 Borçlar Hukuku (Law of Obligations) (Special Provisions) II (3 credits) This course designed to prepare an overview and special provisions of the Turkish Code of Obligations. *(This course is given in Turkish.) Prerequisite: HUK317.*

HUK322 Ticaret Hukuku II (Commercial Law II) (3 credits) This course will examine basic concepts of corporations (concept, history, progress, classification etc). Besides, establishment and dissolution of ordinary partnership, relations between shareholders and lapse of time will be explained in terms of the partnership. Moreover, merger and demerger will be defined. In addition to these, establishment, basic principles, process, board of directors, general assembly, audit, dissolution of joint-stock company will be examined. Finally, the concept of share, shareholders as well as limited

partnership (similarities and differences between joint-stock company) will be explained. *(This course is given in Turkish.) Prerequisite: HUK313.*

HUK323 Vergi Hukuku (Tax Law II) (3 credits) The aim of the course to understand the concepts and rules of Tax Law. *(This course is given in Turkish.) Prerequisite: HUK323.*

HUK411 Devletler Özel Hukuku I (International Private Law I) (3 credits) This course will provide a detailed information on the Turkish Private International Law by distinguishing other methods of private international law from the conflict of laws method; explaining the application of conflict of laws method to different private law relations, identifying and discussing Turkish conflict of laws rules and determining the applicable law to different private law issues. *(This course is given in Turkish.)*

HUK403 İcra İflas Hukuku I (Law of Bankruptcy) I (3 credits) Understanding the rules regarding execution proceedings with or without judgment and subtlety the legal remedies that a creditor and debtor could apply in accordance with the execution proceedings. *(This course is given in Turkish.)*

HUK401 İş Hukuku I (Bireysel İş Huk.) (Labor Law I) (Individual Labor Law) (3 credits) This course of labour law focuses mainly on the topics such as basic concepts, relation between employers and employees, workplace, annulment types of the contract and labour job protection. The aim of the course is to teach the students how to interpret Labour Code number 4857 and other related legislation during their field work and to evaluate the conflicts causing from the labour contracts, according to examples given during the course hours after Bachelors' degree. *(This course is given in Turkish.)*

HUK407 Ceza Usul Hukuku I (Criminal Procedure Law I) (3 credits) Criminal Procedure Law is concern about proceeding which is submission, plea and judgement according to code of criminal procedure aim to solve whether commit a crime; if it's committed, who perpetrator is and what sanction is. Purpose of course of Criminal Procedure Law I is provide to teach student Fundamentals of criminal procedure law and regulation of judgement of criminal law. Context of this course is purpose, function and sources of criminal procedure; interpretation of sources; temporal, locus and personal application of norm of criminal procedure; judgement conditions and actors of criminal procedure law. *(This course is given in Turkish.)*

HUK413 Kıymetli Evrak Hukuku (Negotiable Instruments Law) (2 credits) The aim of this course is to explain main subjects related to the Law of Negotiable Instruments theoretically and practically. Within this scope, basic concepts are generally covered and subsequently bills of exchange, in particular trade bill of exchange, promissory note as well as cheque are explained. *(This course is given in Turkish.)*

HUK419 Miras Hukuku I (Law of Inheritance I) (3 credits) The aim of the course is giving general information about inheritance law. To teach how the legal problems about inheritance law can be resolved. Through chapters, readings, and case analyses, we will discuss issues related to inheritance. *(This course is given in Turkish.)*

HUK417 Deniz Ticareti Ve Sigorta Hukuku I (Maritime and Insurance Law I) (3 credits) First part of the course is an introduction to maritime law i.e. its subject, characteristics, history and sources. The legal nature of a vessel (ship) is the main field of study of the course under which a definition of a vessel, its nature, and the means for owning it are described. Ship registry, ship liens and mortgages are

also studied. Moreover, the individuals associated with a vessel such as the owner, captain, seamen and association of shipowners are defined and their liability pursuant to international conventions and domestic laws are determined. Second part of the course aims to provide a basic understanding of the general principles of insurance contracts. The explanations will be made under the Turkish Commercial Code. *(This course is given in Turkish.)*

HUK412 Devletler Özel Hukuku II (International Private Law II) (3 credits) This course will provide a detailed information on the Turkish International Procedural Law by analysing international jurisdiction of Turkish court in international disputes; explaining the recognition and enforcement procedures of foreign court judgments; treating comparative law, literature and case law in these aspects examining Turkish International Arbitration Law, determining the conditions for the enforcement of arbitral awards and explaining the interaction between the International Arbitration Law and the New York Convention. *(This course is given in Turkish.) Prerequisite: HUK411.*

HUK404 İcra İflas Hukuku II (Law of Bankruptcy II) (2 credits) Examination and evaluation of special execution proceedings, bankruptcy and insolvency proceedings and restructuring of capital companies and cooperatives and cancellation lawsuits in an entire manner. *(This course is given in Turkish.) Prerequisite: HUK403.*

HUK424 İş Hukuku II (Labor Law II) (Common Labor Law and Social Security) (3 credits) The settlement and construction of unions and constitutional and legal dimension is explained to the students within the scope of Trade Union Law. The course is taught according to the amendments of the Trade Union and Collective Agreement Act number 6356. On the topic of collective bargaining, the properties, the content, the legal order created and the legal aspects of the agreement itself is studied. Also the conflicts arise out of the signing process of the agreement is explained; both peaceful and non-peaceful resolutions such as strike and lock-outs. Especially the characteristics of legal and illegal strike concepts and the legal consequences is taught within the course hours. *(This course is given in Turkish.) Prerequisite: HUK401.*

HUK408 Ceza Usul Hukuku II (Criminal Procedure Law II) (3 credits) In this courses, phases of the criminal procedure law, measures of protection (search, seizure, arrest...etc. and have intervention for human rights) and the other collection of evidence methods are taught with rulings of Court of Constitution and European Courts Of Human Rights. Students learn that what is the provision in the criminal procedure law, legal remedies and understand differences between them. Also, judgment of officers and Supreme Court judgment and other similar special criminal law procedures are taught. *(This course is given in Turkish.) Prerequisite: HUK407.*

HUK420 Deniz Ticareti Ve Sigorta Hukuku II (Maritime and Insurance Law II) (3 credits) First part of the course is an introduction to seaway bills and maritime contracts i.e. bareboat charters, charter by demise, time charters, voyage charters, quantity contracts, bill of lading contracts. Rights and liabilities of the carrier and under the title of marine accidents, collusion, general average and salvage rules are determined. Second part of the course aims to provide a basic understanding of the general principles of insurance contracts. The explanations will be made under the Turkish Commercial Code. *(This course is given in Turkish.) Prerequisite: HUK417.*

HUK418 Miras Hukuku II (Law of Inheritance II) (3 credits) The aim of the course is giving general information about inheritance law. To teach how the legal problems about inheritance law can be resolved. Through chapters, readings, and case analyses, we will discuss issues related to inheritance. *(This course is given in Turkish.) Prerequisite: HUK419.*

HUK122 Totaliterizm Ve Hukuk (Totalitarianism and Law) (2 credits) *(See General Education)*

HUK116 Türk Hukuk Tarihi (Turkish History of Law) (3 credits) *(See General Education)*

HUK124 Çocuk Hukuku (Child Law) (2 credits) This course will explain the rules of child law, making suggestion about legal gap, criticizing shortcomings. *(This course is given in Turkish.)*

HUK244 Hayvan Hakları Hukuku (Animal Rights Law) (3 credits) *(See General Education)* *(This course is given in Turkish.)*

HUK249 Hukuk İngilizcesii (Legal English I) (3 credits) This course designed to prepare students to use Legal English which would be asset in the legal practice enabling to counsel in legal transactions involving foreign parties. The aim of this course would be to gain ability to understand, read and discuss complex legal documents such as court orders, agreements and other legal texts with an emphasis on the terminology used in legal documents. During the lectures, students will be participating in the discussions in an interactive way

LAW251 Comparative Constitutional Law (3 credits) This course is designed to introduce students to the comparative analysis of the constitutional law notions such as state, separation of powers and constitutional justice. An in-depth study of the existing governmental systems in Europe and in the US will be undertaken. Students will be encouraged to understand the differences between the continental and common law countries. They will get familiar with the basic notions of the French, Turkish, British and American political and legal systems. Our aim is to shed light on the burning topic of a constitutional reform in Turkey and prepare the ground for further intensive research on the functioning of the state institutions and decision making process.

LAW253 Democratic Theory (3 credits) *(See General Education)*

LAW260 Humanitarian Law (3 credits) This course targets to teach the history of the Humanitarian Law in the past. It is also aimed to teach the theory or the philosophy of Humanitarian Law. Additionally implementation of this topic in modern times specifically the present day.

HUK260 İnsancıl Hukuk (Humanitarian Law) (3 credits) The course examines how international humanitarian law guides the conduct of hostilities, restrains the use of force, mitigates the consequences of warfare and protects civilians in international and non-international armed conflicts and in situations of occupation. The course also discusses the role of international criminal law and international human rights law in armed conflicts as well as ways and means to enforce adherence to international humanitarian law. *(This course is given in Turkish.)*

HUK261 Hukuk Kuralları (Methodology of Law) (3 credits) In the Methodology of Law class, the logical analysis of legal norm; along with the subjects like comparison, commentary and judge-made law is being discussed while giving information about in general, the problem of method in social sciences. *(This course is given in Turkish.)*

HUK263 Hukuk ve Ekonomi (Law and Economy) (3 credits) The interpretation and practice of law rules in the light of economy, which is becoming important in today's world, and the approach of the state to design and bring economic motives and law rules into force shall be examined. In addition to this, mutual interaction of law and economy at international level shall be discussed together with students through dealing with basic functions of regulating and controlling bodies and operating of international economic organizations. *(This course is given in Turkish.)*

HUK267 Kriminoloji (Criminology) (2 credits) *(See General Education)*

HUK280 Avrupa Birliđi Hukukuna Giriş (Introduction to European Union Law) (3 credits) *(See General Education)*

HUK282 İnsan Hakları Hukuku (Human Rights Law) (3 credits) *(See General Education)*

HUK285 Spor Yönetimi ve Hukuku (Sport Management and Law) (3 credits) *(See General Education)*

LAW287 Introduction to Turkish Law (3 credits) *(See General Education)*

HUK328 Atipik Sözleşmeler (Innominate Contracts) (3 credits) This course designed to prepare an overview and special provisions of the Turkish Code of Obligations. *(This course is given in Turkish.)*

HUK330 İş Görme Sözleşmeleri (Contracts of Work and Services) (3 credits) This course will reveal differences from each other contracts, feature of contact of employment, rights and obligation arising from contracts. In this context we will examine contact of employment, contact of work relating to the Turkish Journal of Supreme Court. *(This course is given in Turkish.)*

HUK332 Toplum Karşı Suçlar (Crimes Against Humanity) (3 credits) Examining and teaching of this crimes which is considered most significant by society particularly is seen beneficial. *(This course is given in Turkish.)*

HUK352 Askeri Ceza ve Yargılama Hukuku (Military Criminal Law) (2 credits) Turkish legal system has many special laws. Military Criminal law is one of them. It is thought to be beneficial that military law system is introduced to the future lawyers. *(This course is given in Turkish.)*

HUK354 Bilişim Hukuku (Information Technologies Law) (2 credits) *(See General Education)*

HUK361 Enerji Hukuku (Energy Law) (3 credits) *(See General Education)*

LAW365 Law of International Commercial Contracts (3 credits) This course is designed to inform students about the main subjects and principles of international commercial contracts. Through chapters, readings, and case analyses, issues related to the concept and sources of international contracts law, the meaning of contract at international level, formation and performance of the contracts will be discussed. Furthermore, students will focus on some basic types of contracts that are frequently recognized in international business.

HUK368 Fikri Mülkiyet Suçları (Intellectual Property Crimes) (3 credits) Purpose of this course is to teach role of criminal law which is ultimum remedium on protect intellectual property on law order in base of intellectual property concept and in this sense to give point of view about criminal law by provide information about all crimes related to intellectual property. *(This course is given in Turkish.)*

HUK372 Fikri Mülkiyet Hukuku (Sinai Haklar) (Intellectual Property Law) (Patent Rights) (3 credits) *(See General Education)*

LAW375 European Business Law (3 credits) *(See General Education)*

HUK387 Milletlerarası Ceza Hukuku (International Criminal Law) (3 credits) Review of the system of the international criminal law, with current practice in international law, while putting emphasis on its relationship with the current domestic law. In this course international criminal courts can be investigated. Extradition procedure, victim's rights and accused rights analysed in united nations system. *(This course is given in Turkish.)*

HUK391 Fikri Mülkiyet Hukuku (Telif Hakları) (Intellectual Property Law) (Author's rights) (3 credits) *(See General Education)*

HUK422 Uluslararası Ticaret Hukuku (International Commercial Law) (3 credits) *(See General Education)*

HUK452 Bilişim Suçları (Information Technology Crimes) (2 credits) Course objective is to have a general legal knowledge about crimes of information technology. *(This course is given in Turkish.)*

HUK453 Ekonomik Suçlar (Economical Crimes) (2 credits) Purpose of this course is, examining some type of economic crimes in criminal law and apprehending base principles about punishment of these. *(This course is given in Turkish.)*

HUK456 Şirket Birleşme ve Devralma Hukuku (Mergers and Acquisitions Law) (2 credits) This course aims at providing students with an adequate knowledge on the legal provisions applicable to mergers of commercial companies that have significant importance both in economic and law terms, as well as regarding implementation steps of mergers and acquisitions in practical terms. The aim of the course is to provide explanations and conduct studies so that concentrations like share transfer, asset transfer or merger are understood as a whole from the perspectives of the transferee and the transferor, as well as the parties affected by the merger, like employees and creditors, through giving examples from practices. *(This course is given in Turkish.)*

LAW460 International Commercial Arbitration Law (3 credits) This course is designed to inform students about the main subjects and principles of the international commercial arbitration law. Through chapters, readings, and case analyses, issues related to the concept and sources of arbitration law, the characteristics of the arbitration agreement, the main issues regarding arbitration procedure and the applicable law will be discussed.

HUK462 Avukatlık Hukuku (Advocacy Law) (3 credits) During the course, it is aimed to inform the law students regarding the basics of the profession of law. *(This course is given in Turkish.)*

LAW468 Legal Drafting of International Contracts (3 credits) This course designed to prepare an overview and special provisions of the Turkish Code of Obligations.

HUK469 İnfaz Hukuku (Enforcement Law) (2 credits) Prison is always problematical places as the World. It's necessary to determine what problems in prison are and reintegrate prisoners into the society at the end of their execution. Indeed, by having an awareness to prisoner's problem, it's not be forgotten that they are one of us and come back again their home. Regard of this course, it's is aimed to teach some subject such as especially imprisonment, execution of judicial fine, prisons and execution. *(This course is given in Turkish.)*

HUK473 Özel Hukuk Kliniği (Private Law Clinic) (3 credits) By applying the students' previous law knowledge on concrete cases, students will be informed on practice of private law. *(This course is given in Turkish.)*

HUK475 Ceza Hukuku Kliniği (Criminal Law Clinic) (3 credits) During the section, students will learn that how they can use their Criminal Law (General Provisions), Criminal Law (Specific Provisions) and Criminal Procedure Law knowledge on a concrete case. Important aspects of practical law, frequent problems will be covered in an interactive medium with students. *(This course is given in Turkish.)*

HUK481 Rusça Hukuk Terminolojisi (Legal Russian Terminology) (2 credits) The main purpose of the course is to give a general international perspective about the similarities and differences between Turkish and Russian Law and to get familiar with basic concepts of Russian Law. For the purpose, in addition to basic concepts, Turkish and Russian Law systems will be compared with each other in terms of family law, commercial law as well as fundamental rights and freedoms. *(This course is given in Turkish.)*

FACULTY OF MEDICINE

Medicine

About Program

In this integrated medical curriculum, from cell to the human body, premedical sciences like behavioral sciences, medical biology and genetics together with core medical sciences such as anatomy, histology and embryology, physiology, medical microbiology, medical biochemistry are given to the medical student. After this basic medical courses, in the fourth year of medical education, students enter to the clinical rotations period. Students are encouraged by the faculty members for contact with the patients directly at the bedside. They have to work in out-patient, in-patient, laboratory, emergency room, operation theater facilities under supervision of the attendant physicians. These rotations are known as the clinical clerkship that includes pediatric health and diseases, internal medicine, gynecology and obstetrics, general surgery and other rotations necessary. In the sixth year, students before graduation, works as an “intern” for one year by a rotation schedule in the hospitals.

Objectives

At the end of the programme, the students will be able to;

- Describe the basic structure, development and normal mechanisms of the human in terms of molecules, cells, tissues, organs and systems.
- Investigates the abnormal structures and mechanisms in the human body, explains with the information depending on high quality scientific research, evaluates the reason of the diseases regarding in the interaction of the individual with his environment
- Explain pathogenesis, clinical and diagnostic features of diseases.
- Take the patient’s history and perform general-system based physical exam.
- Treat patients in emergency situations and transport the patient when needed.
- Apply basic medical procedures necessary for diagnosis and treatment of diseases.
- Perform preventive medicine and forensic medicine applications.
- Gain knowledge about the structure and functioning of the National Health System.
- Define legal responsibilities and ethical principles.
- Perform first level treatment for common diseases in the community based on scientific data and by using highly effective methods.
- Organize and attend to scientific meetings and conduct scientific projects.
- Know at least one common foreign language sufficient to keep up with current medical literature and communicate with peers; and use statistics and computer programmes to evaluate scientific studies.
- Advocate for the health promotion, and development of health care services for the benefits of the individuals in the community.

The total credits required for the satisfactory completion of the curriculum are 360 credits.



CURRICULUM PHASE I

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	Duration (Week)	Credits
MED101	Basic Sciences Committee I	Yes	Yes	8	9+1
MED103	Basic Sciences Committee II	Yes	Yes	8	8+1
HMA101	Health Management	No	Yes	15	2
MIN101	Medical Informatics	No	Yes	15	2
ATA111	Atatürk Principles and History of Turkish Revolution	No	Yes	15	2
TRD111	Turkish Language	No	Yes	15	2
ENG113	Academic Reading and Writing I	No	Yes	15	3
CLP001	Career and Life Planning	No	Yes	15	1
Total :					31

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	Duration (Week)	Credits
MED102	Basic Sciences Committee III	Yes	Yes	8	10+1
MED104	Basic Sciences Committee IV	Yes	Yes	9	10+1
ATA112	Atatürk Principles and History of Turkish Revolution	No	Yes	15	2
TRD112	Turkish Language	No	Yes	15	2
ENG114	Academic English Reading and Writing II	No	Yes	15	3
Total :					29

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

CURRICULUM PHASE II**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	Duration (Week)	Credits
MED201	Cardiovascular and Respiratory Systems Committee	Yes	Yes	7	10+1
MED203	Gastrointestinal System and Metabolism Committee	Yes	Yes	8	11+1
ENG213.06	Academic Listening and Speaking I(for the faculty of medicine)	No	Yes	15	3
Total :					26

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	Duration (Week)	Credits
MED202	Endocrine and Urogenital Systems Committee	Yes	Yes	5	9+1
MED204	Nervous System Committee	Yes	Yes	8	11+1
MED206	Biological Fundamentals of Diseases Committee	Yes	Yes	4	9
ENG214	Academic English Listening and Speaking II	No	Yes	15	3
Total :					34

CURRICULUM PHASE III**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	Duration (Week)	Credits
MED301	Neoplasia and Hematopoietic Systems Diseases Committee	Yes	Yes	4	8
MED303	Microorganism and Their Diseases Committee	Yes	Yes	4	8
MED305	Cardiovascular and Respiratory Systems Diseases Committee	Yes	Yes	5	9
MED307	Gastrointestinal System Diseases Committee	Yes	Yes	4	8
Total :					33

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	Duration (Week)	Credits
MED302	Urogenital and Endocrine System Diseases Committee	Yes	Yes	6	9
MED304	Neuroscience, Psychiatry and Muscle Skeleton System Diseases Committee	Yes	Yes	6	10
MED306	Public Health, Forensic Medicine and Medical Ethics	Yes	Yes	4	8
Total :					27

CURRICULUM PHASE IV

COURSE PLAN

Code	Course Title	*C	**A	Duration (Working days)	Credits
MED401	Forensic Medicine	Yes	Yes	Fall Semestre Total 45 hours	4
MED402	Internal Medicine	Yes	Yes	36	11
MED403	General Surgery	Yes	Yes	36	11
MED404	Pediatric Health and Diseases	Yes	Yes	36	11
MED405	Gynecology and Obstetrics	Yes	Yes	36	11
MED406	Radiology	Yes	Yes	12	4
MED407	Anesthesiology and Reanimation	Yes	Yes	12	4
MED408	Rational Use of Drugs	Yes	Yes	6	2
MED409	Nuclear Medicine	Yes	Yes	6	2
Total :					60

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

CURRICULUM PHASE V**COURSE PLAN**

Code	Course Title	*C	**A	Duration (Working days)	Credits
MED501	Cardiovascular Surgery	Yes	Yes	12	4
MED502	Chest Diseases	Yes	Yes	12	4
MED503	Chest Surgery	Yes	Yes	12	4
MED504	Dermatology	Yes	Yes	12	4
MED505	Ear Nose and Throat	Yes	Yes	12	4
MED506	Infectious Diseases	Yes	Yes	12	4
MED507	Neurology	Yes	Yes	12	4
MED508	Neurosurgery	Yes	Yes	12	4
MED509	Ophthalmology	Yes	Yes	12	4
MED510	Orthopedics and Traumatology	Yes	Yes	12	4
MED511	Pediatric Surgery	Yes	Yes	12	4
MED512	Physical Medicine and Rehabilitation	Yes	Yes	12	4
MED513	Plastic and Reconstructive Surgery	Yes	Yes	12	4
MED514	Psychiatry	Yes	Yes	12	4
MED515	Urology	Yes	Yes	12	4
Total :					60

CURRICULUM PHASE VI**COURSE PLAN**

Code	Course Title	*C	**A	Duration (Month)	Credits
MED601	Internal Medicine	Yes	Yes	2	10
MED602	General Surgery	Yes	Yes	2	10
MED603	Gynecology and Obstetrics	Yes	Yes	2	10

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

MED604	Pediatric Health and Diseases	Yes	Yes	2	10
MED605	Public Health	Yes	Yes	2	10
MED606	Emergency Medicine	Yes	Yes	1	5
MED607	Elective Rotation	Yes	Yes	1	5
Total :					60
Grand Total:					360

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

MED101 Basic Science Committee I (9+1 credits) The purpose of this course is to examine the main components of behavioural sciences by analysing the reason for human behavioural nature and providing general information about theoretical subjects of psychology as defence mechanisms, psychology of learning and attitude theorizes. Students understand the intended use of laser and ultrasound in medical treatment and surgery, applying the cybernetic principles in medical practices. They learn molecular structure and function of cellular membranes, permeability specialities. The general structure of the course is to describe the chemical foundations of the human organism; a brief knowledge of basic organic chemistry is given and the structures of proteins are worked out, the chief concern being the structure-function relation. Specific emphasize has been given to gain basic terminology and background information necessary for learning the history of medicine and ethical principles relating with the medical profession. It is also aimed to examine the main component of cell biology for establishing background for medical students. Through chapters, we will discuss issues related to both inside and outside of the cell, cell environment, molecular basis of some diseases, DNA, RNA structure, function and transcriptional regulation. In addition, the students gain a basic perspective to understand the cell biology concept including microscope, microscopy and histochemical techniques, cell and its content, nucleus and cell cycle.

MED102 Basic Science Committee II (10+1 credits) The purpose of this course is to the field and provides a survey of data and data types. To acquire basic terminology necessary for studying anatomy, recognize the general patterns of muscles and bones is targeted. At the end of the course, student is able to describe the anatomical features of neurocranium, splanchnocranium, vertebral column, thoracic and rib bones, upper and lower extremities. It is also intended to increase students' knowledge of how social and behavioural scientists discover, describe, and explain the behaviours and interactions among individuals, groups, institutions, events and ideas. Such knowledge will better students to understand themselves and the roles they play in addressing the issues facing humanity. Biochemistry course is to give information on biochemical thermodynamics, the utilization of vitamins and minerals as cofactors of enzymes, acids, bases and buffers and the biochemical constituents of cellular membranes, their organization and dynamic features. Physiology course is to give a basic perspective to understand the cell biology concepts, introduce the major type of human tissues and explain the connection between morphology of particular cells and their functions. Understanding of basic terminology and background information necessary for learning the history of medicine and ethical principles relating with the medical profession is aimed. Examination of the genetic inheritance and molecular techniques and understanding of basic perspective of the cell biology concepts and the major type of human tissues is targeted. Connection between morphology of particular cells and their functions are emphasized.

MED103 Basic Science Committee III (8+1 credits) The purpose of this course is to identify the most accurate method for imaging the internal structures of living organisms, describe atoms, molecules and matter. Students learn and gain the ability in practicing the electrical currents on tissue both in diagnosis and therapy. Exploration of the functioning of hemoglobin as an allosteric protein; collagen, a connective tissue protein that is subject to posttranslational modification; the enzymes and to describe the structures and biological functions of carbohydrates and lipids are aimed. The importance of basic terminology and background information necessary for learning the history of medicine and ethical principles relating with the medical professions are emphasized. Examination of the main component informational molecules of cell biology for establishing background for medical students are learned.

MED104 Basic Science Committee IV (10+1 credits) The purpose of this course is to gain basic terminology necessary for studying anatomy, recognize the general patterns of muscles and bones. At the end of the course, student is able to define the thoracic wall and the mediastinum and heart, arteries and veins, chambers and neural structures, pericardium and its relations. Students describe general features of pharynx, trachea, lungs, the root of neck and diaphragm. Students who complete course are

expected to be able to understand and interpret all of the basic statistical methods used in scientific journals in their field of study, as well as use basic statistics in their own research. Information on the transport mechanisms through the cellular membranes, various signal transmission mechanisms, biologic oxidation and oxidative phosphorylation are emphasized. The embryology course is to provide sufficient information regarding prenatal development of human organism starting from fertilization through formation of blastocyst, neurulation, gastrulation, and organogenesis to the time of birth including monthly changes in development period, sensitivity of embryo and fetus to the common teratogenic factors. Examination of the main component of cell biology and genetics for establishing background for medical students are underlined. The cell biology concepts and the major type of human tissues and their explanation with the connection between morphology of particular cells and their functions are learned.

MED201 Cardiovascular and Respiratory System Committee (10+1 credits) The purpose of this course is to gain basic anatomical knowledge of cardiovascular and respiratory systems. Students recognize the general patterns of muscles and other structures of the roots of the neck. At the end of the course, student is able to describe the anatomical features of heart, lungs, visceral and parietal coverings, mediastinum, nose, diaphragm, pharynx, larynx and trachea. Sufficient information regarding the histology and embryology of cardiovascular and respiratory systems in human body are given. The roles of plasma proteins; the biochemical pathways for synthesis and degradation of heme; the biochemical characteristics of porphyrias and jaundices and the biochemistry of erythrocytes are emphasized. Basics of medical microbiology are given. Sufficient information regarding the physiology of organ systems in human body and explanations about the physiologic mechanisms of particular systems and their functions are described. *Prerequisites: MED101, MED102, MED103 and MED104.*

MED202 Endocrine and Urogenital System Committee (9+1 credits) The purpose of this course is to gain the necessary skill and knowledge on the anatomy of the endocrine urogenital systems and to provide sufficient information regarding the histology and embryology of endocrine and urogenital systems in human body. Information on endocrine biochemistry, body water and electrolytes, acid-base control and acid-base disorders and renal function are explained. Sufficient information regarding the physiology of organ systems in human body and explanations on physiologic mechanisms of particular systems and their functions are emphasized. Immunology and some bacteria causing human disease are described. *Prerequisites: MED101, MED102, MED103 and MED104.*

MED203 Gastrointestinal System and Metabolism Committee (11+1 credits) The purpose of this course is to identify and illustrate the gastrointestinal system anatomy, recognize the patterns of mimic muscles and the parts of the gastrointestinal tract and to provide sufficient information regarding the histology and embryology of gastrointestinal system in human body. Metabolism of carbohydrates, lipids and proteins are given and the clinical situations that arise from the derangements are discussed. Sufficient information regarding the physiology of organ systems in human body and explanations about the physiologic mechanisms of particular systems and their functions are emphasized. Some bacteria and fungi causing infectious diseases are described. *Prerequisites: MED101, MED102, MED103 and MED104.*

MED204 Nervous System Committee (11+1 credits) The purpose of this course is to gain the necessary skill and knowledge on the anatomy of the nervous systems. Sufficient knowledge regarding the histology and embryology of nervous system in human body and information on cerebrospinal fluid and the neurotransmitter systems in the central nervous system including the functions of norepinephrine, dopamine, acetylcholine, serotonin, GABA and glutamate are discussed. General characteristics of viruses, classification of viruses and the infections caused by the viruses with clinical presentations, diagnosis and treatment are defined. Information regarding the physiology of organ

systems in human body and explanations about the physiologic mechanisms of particular systems and their functions are emphasized. *Prerequisites: MED101, MED102, MED103 and MED104.*

MED206 Biological Fundamentals of Diseases Committee (9 credits) The purpose of this course is to give information on inborn errors of metabolism; clinical application of enzymes; free radicals, antioxidants and oxidative stress; the effects of mitochondrial DNA mutations and the relationship of type 2 diabetes mellitus with obesity and the metabolic syndrome and finally a biochemical approach to aging is presented. Parasitic infections are described by reviewing the causes of human parasitic infections, their characteristics and the clinical manifestations. Basic perspective to understand the basic pathology concepts and introduce the basic type pathological processes with basic pathological events and processes with and histopathological perspective are reviewed and supported with lab sessions. General epidemiological and pathophysiological aspects of cancer will be reviewed. Definitions regarding drug, pharmaceutical forms, routes of administration, the absorption of the applied changes on the body and the basic concepts related to excretion during the course of processing are discussed. In addition, the students gain knowledge about the concept of receptor and post-receptor events and mechanisms of action of drugs. Students taking the course will learn the rules of pharmacokinetics and pharmacodynamics in general before examining specific groups of drugs. They will have information about principles of prescribing, the rational use of medicines, pharmacovigilance and pharmacogenetics. *Prerequisites: MED101, MED102, MED103 and MED104.*

MED301 Neoplasia and Hematopoietic Systems Diseases Committee (8 Credits) The purpose of this course is to learn the genetic mechanisms and the clinical features of the neoplastic and hematologic system diseases; the pathologic basis of them; the diagnostic tools in radiology and nuclear medicine, and the medical (pharmacological) and surgical treatment modalities for these diseases. They gain clinical skills before entering the clinic rotations by performing examinations and procedures with simulated patient in the simulation center. *Prerequisites: MED201, MED202, MED203, MED204 and MED206.*

MED 302 Urogenital and Endocrine System Diseases Committee (9 Credits) The purpose of this course is to recognize endocrine and urogenital systems diseases, learn their pathogenesis and treatment. Students learn to take the story and the examination methods and develop their clinical skills on simulated patients. Diagnostic techniques related with endocrine and urogenital systems diseases and the application of these methods are discussed. Genetic screening issues, organ transplantation, approach to the renal insufficiency, malign and vascular diseases of the endocrine and genitourinary systems diseases; life threatening conditions like thyroid storm, miscarriages, complicated pregnancies are discussed. Long term maintenance of the pediatric renal or endocrine patients are discussed. Clinical problem solving in cases with acid-base imbalance are given. The pathological basis of these problems are reviewed in detail. A special emphasis is given to general principle of pathophysiological basis of diseases. Diagnostic modalities and different techniques of imaging methods related with the diseases entities are also learned. They gain clinical skills before entering the clinic rotations by performing examinations and procedures with simulated patient in the simulation center. *Prerequisites: MED201, MED202, MED203, MED204 and MED206.*

MED303 Microorganism and Their Diseases Committee (8 Credits) The purpose of this course is to learn the genetic mechanisms of the infectious diseases in children and adults; the clinical and pathological features of them and the correlation of them with the microorganisms. Each student gains knowledge about the medical (pharmacological) and surgical treatments of these diseases and certain laboratory techniques. This course also describes some infectious diseases with their pathogenesis, clinical characteristics, diagnosis, treatment, prevention. Clinical skills are gained before entering the clinic rotations by performing examinations and procedures with simulated patient in the simulation center. *Prerequisites: MED201, MED202, MED203, MED204 and MED206.*

MED304 Neuroscience, Psychiatry and Muscle Skeleton System Diseases Committee (10 Credits)

The purpose of this course is to gain the necessary skills and knowledge on the clinical anatomy of the nervous system, skeleton, articulations and bones. Disease mechanisms and histopathological considerations in these systems are discussed in details in pathophysiology and pathology courses. Diagnostic information on cerebrospinal fluid and the neurotransmitter systems in the central nervous system including the functions of neurotransmitters are discussed. Genetic diagnose of neurological diseases are given. Mental disorders and examination of the psychiatric patient summarized in general. Principles of examination and approach to the patients with musculoskeletal problems and their special treatment methods are summarized also. Special issues of internal medicine related with neurology, orthopedics, physical medicine and the psychiatry are discussed. Approach to the child patient and their special treatment differences are given. They gain clinical skills before entering the clinic rotations by performing examinations and procedures with simulated patient in the simulation center. *Prerequisites: MED201, MED202, MED203, MED204 and MED206.*

MED305 Cardiovascular and Respiratory System Diseases Committee (9 Credits)

The purpose of this course is to explain the genetic mechanisms and etiology of the cardiovascular system diseases of the children and adults, besides their clinical and pathological features. Questioning of the patient and examination methods are shown to the students. Students also learn how to use medical and surgical treatments and diagnostic tools. They gain clinical skills before entering the clinic rotations by performing examinations and procedures with simulated patient in the simulation center. *Prerequisites: MED201, MED202, MED203, MED204 and MED206.*

MED306 Public Health, Forensic Medicine and Medical Ethics Subject Committee (8 Credits)

Informations about the introductory forensic issues are given. General principles of public health, epidemiology and medical ethics are discussed. Information on general knowledge about disease prevention, immunization programmes, sanitary preventions, clear water and purification systems, principles of quarantine and controlling of epidemics, general principles of community health, and biostatistical issues are learned. General pharmacology and enviromental toxicology issues are discussed. They gain clinical skills before entering the clinic rotations by performing examinations and procedures with simulated patient in the simulation center. *Prerequisites: MED201, MED202, MED203, MED204 and MED206.*

MED307 Gastrointestinal System Diseases Committee (8 Credits)

The purpose of this course is to recognize gastrointestinal system diseases, learn pathogenesis, biochemical patern and treatment. Students learn to take the story and the examination methods and develop their clinical skills on simulated patients. Diagnostic techniques related with gastrointestinal system diseases and the application of these methods are discussed. Organ transpalantation issues, approach to the acute abdomen, malign and vascular diseases of the gastrointestinal disease; life threatening conditions like hepatic coma are discussed. They gain clinical skills before entering the clinic rotations by performing examinations and procedures with simulated patient in the simulation center. *Prerequisites: MED201, MED202, MED203, MED204 and MED206.*

MED401 Forensic Medicine (4 credits)

The purpose of this course is to gain information on the forensic medicine and the criminal issues. This program includes introduction to thanatology, methods of autopsy, basic forensic toxicology, basic forensic pathology, basic criminal diagnostics, methods of forensic examination and medical examiner reporting and basic knowledge on Turkish law and legislations related with the forensic issues. In accordance with the Turkish Criminal Code and the legislations related with the practice of medicine in Türkiye, student has to recognize the legal limitations of the medical practice in the face of medical malpractice act. *Prerequisites: Prerequisites: MED301, MED302, MED303, MED304, MED305, MED306, MED307 and For foreign students; pass The Turkish Language Exam.*

MED402 Internal Medicine (11 credits) The purpose of this course is to gain information on the internal medicine and related skills of internal medicine clinics. This rotation theoretical battery is in line with the previously given clinical course information; to synthesize, update and consolidate the internal medicine information obtained from different branches, teach and practice history taking and basic physical exam rules in the clinic, ensure that the students can formulate an appropriate differential diagnosis and effective treatment plans, teach how to reach necessary resources to combine the symptoms and clinical findings. *Prerequisites: MED301, MED302, MED303, MED304, MED305, MED306, MED307 and For foreign students; pass The Turkish Language Exam.*

MED403 General Surgery (11 credits) The purpose of this course is to gain information on the general surgical disease and related issues. It Provides general information about general surgery, explains the pathophysiological basis of diseases, their diagnosis and surgical treatments, teaches the treatment principles for the pre-operative, post-operative and injured individuals. *Prerequisites: MED301, MED302, MED303, MED304, MED305, MED306, MED307 and For foreign students; pass The Turkish Language Exam.*

MED404 Pediatric Health and Diseases (11 credits) The purpose of this course is to gain information on the pediatrics and related issues. It provide basic knowledge and skills of pediatrics. The purpose of the pediatric clerkship is to provide the medical student with the knowledge and clinical experience necessary to develop basic skills in the evaluation and management of health and disease in infants, children and adolescents. The core pediatric clerkship is an introduction to the care of healthy children and emphasizes those aspects of pediatrics which should be understood and mastered by all physicians, regardless of ultimate career goals. *Prerequisites: MED301, MED302, MED303, MED304, MED305, MED306, MED307 and For foreign students; pass The Turkish Language Exam.*

MED405 Gynecology and Obstetrics (11 credits) The purpose of this course is to gain information on the gynecology, obtetrics and related issues. It provides sufficient knowledge and skills to diagnose and treat gynecological and obstetrics diseases as expected from a medical doctor. The student will recognize the value of routine health surveillance as part of health promotion and disease prevention. Student demonstrate the ability to perform an accurate pelvic and breast exam in a sensitive manner and properly obtain specimens to detect sexually transmitted infections. *Prerequisites: MED301, MED302, MED303, MED304, MED305, MED306, MED307 and For foreign students; pass The Turkish Language Exam.*

MED406 Radiology (4 credits) The purpose of this course is to give a basic information about the radiological methods and radiological procedure used in general radiology and prepare the student to the internship. Utilization of radiology as an educational resource carries great potential. Accreditation bodies, physicians and medical students deem it important for a well rounded medical curriculum. An overview of clerkship objectives and structure is followed by discussion on lessons learnt during the initial three years of institution. Development of assessable objectives, integration of radiology with other specialties, and supervised radiological learning tailored for undergraduate students are emphasized. *Prerequisites: MED301, MED302, MED303, MED304, MED305, MED306, MED307 and For foreign students; pass The Turkish Language Exam.*

MED407 Anesthesiology and Reanimation (4 credits) The purpose of this course is to teach trainees the basic theoretical knowledge and practical applications on anesthesia, intensive care and pain issues. *Prerequisites: MED301, MED302, MED303, MED304, MED305, MED306, MED307 and For foreign students; pass The Turkish Language Exam.*

MED408 Rational Use of Drugs (2 credits) The purpose of this course is to teach students how to write out a prescription in accordance with the rules of pharmacology and that is supported by rational data; to teach detecting patient's problem (communicating with patients and their relatives and provide them with the right information), explaining the pharmacotherapy (decide on a rational pharmacotherapy), examining the effectiveness of drugs, how to apply the drug doses (I.V. injection, I.V. infusion, subcutaneous injection and local administration applications). *Prerequisites: MED301, MED302, MED303, MED304, MED305, MED306, MED307 and For foreign students; pass The Turkish Language Exam.*

MED409 Nuclear Medicine (2 credits) The purpose of this course is to gain sufficient knowledge on the nuclear medicine learning goals. The fundamental principle on which almost all Nuclear Medicine tests are based is that of having an understanding of a physiologic process, isolating a participant in that process or an analogous substitute molecule, applying a radioactive label to the process participant, and imaging (via gamma or a positron cameras) the radioactive label's kinetics and pharmacodynamics and by extension imaging the physiologic process. Common Nuclear Medicine tests and their most common applications include the HIDA scan (detects gallbladder disease), the V/Q scan (detects pulmonary embolism), radiolabeled white cell and red cell scans (detect infection and haemorrhage, respectively), bone scans (sensitive but nonspecific indicator of osseous abnormality), and radioactive iodine scans (evaluate for and characterize thyroid abnormalities). *Prerequisites: MED301, MED302, MED303, MED304, MED305, MED306, MED307 and For foreign students; pass The Turkish Language Exam.*

MED501 Cardiovascular Surgery (4 credits) The purpose of this course is to learn of normal and abnormal fetal cardiovascular physiology. Students understand the role and impact of prenatal diagnosis on the management of newborns with congenital heart disease. They learn the anatomy and physiology of acyanotic congenital heart disease encountered in the newborn period, e.g. aortic coarctation, aortic stenosis, congenital mitral valve disease, etc. Students acquire essential knowledge on the general vascular problems including varicose veins, limb ischemia and approach to patients with cardiac valvulopathies. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED502 Chest Diseases (4 credits) The purpose of this course is to diagnose and treatment of the respiratory diseases. Practical sessions aim to teach the evaluation of respiratory symptoms and findings, principles of physical examination so that a proper dialogue between the physician-to be and patient could establish. Respiratory diseases are the most common diseases that physician can come across during clinical practice. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED503 Chest Surgery (4 credits) The purpose of this course is to diagnose and treat diseased or injured organs in the thorax. It mainly includes the diseases of the lungs in which a general practitioner has to know and recall main pathologies. This clerkship aims to teach practical methods for diagnosis and major rules of clinical approach to a patient with thoracic trauma. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED504 Dermatology (4 credits) The purpose of this course is to provide a learning environment for the student to develop basic dermatology skills. By the end of the dermatology course, the student will be able to: Obtain a relevant dermatological history, perform physical examination of the integumentary system and describe accurately morphology of lesions and eruptions on patients. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED505 Ear, Nose and Throat (4 credits) The purpose of this course is to teach about ear, nose, throat, head and neck region, covered by auditory, vestibular system, facial nerve, salivary glands, face region, paranasal sinuses, nasopharynx, oral cavity, oropharynx, hypopharynx, larynx anatomy, physiology, and diagnosis and treatment of diseases that they will encounter in their professional life. Students learn basic audiology knowledge and audiometry devices and the basic examination methods. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED506 Infectious Diseases (4 credits) The purpose of this course is to the acquisition of knowledge regarding etiology, diagnosis, laboratory findings, clinical characteristics and treatment modalities of infectious diseases. Understanding how a patient's social history (travel, HIV risk factors, exposures) can have a significant impact on the differential diagnosis and management of infections, antibiotic selection and therapy including familiarity with major classes, choosing appropriate antibiotics and monitoring for antibiotic toxicities are learned. Exposure to a broad range of major syndromes including community and hospital-acquired pneumonia, infective endocarditis, cellulitis, urinary tract infections and the evaluation of fever, appropriate use of diagnostic services including gram stain and culture, antimicrobial sensitivity testing and other standard microbiology lab techniques, understanding basic principles of infection control are described. Approach to critically ill patients and immunosuppressed patients, as well as an understanding of their specific spectrum of diseases are discussed. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED507 Neurology (4 credits) The purpose of this course is to gain knowledge on the introduction to clinical neurology, the specialty of medicine devoted to patients with diseases of the nervous system. The essential tools for the evaluation of neurological disease are the neurological history, the neurological exam, and specialized diagnostic testing. These includes ability to perform a complete and reliable history, a focused and reliable neurologic examination and examination of patients with altered level of consciousness or abnormal mental status. For students, deliver a clear, concise, and thorough oral presentation of a patient's history and examination are important. The ability to deliver a clear, concise and thorough written presentation of a patient's history and examination are emphasised. The ability to recognize symptoms that may signify neurologic disease (including disturbances of consciousness, all sensory modalities, equilibrium, motor function and autonomic function) are discussed. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED508 Neurosurgery (4 credits) The purpose of this course is to teach examination techniques and diagnostic methods of neurosurgical diseases as well as indications of medical and surgical approaches. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED509 Ophthalmology (4 credits) The purpose of this course is to teach medical students sufficient ophthalmology to enable recognition of common eye complaints and their etiology as well as recognition of less common but life or sight threatening emergencies presenting as eye findings. This course provides knowledge about various eye diseases, systemic diseases and their relationships with eye, basic medical and surgical treatments and ocular emergencies. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED510 Orthopaedics and Traumatology (4 credits) The purpose of this course is to teach students the clinical symptoms of congenital diseases often encountered in Türkiye, infections of the bones and joints, diseases of the spine and general approach to fractures of the bones. Students have to recognize

the diagnostic tests and basic principles of diagnosis and treatments of emergency patients with orthopedic problems. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED511 Pediatric Surgery(4 credits) The purpose of this course is to integrate pediatric surgical knowledge, attitudes and skills already acquired in the first 4 years of medical school into the clinical discipline, follow-up of healthy children and practice current diagnostic and therapeutic approaches with guidance in common medical and surgical disease situations. Preoperative preparation, surgery and postoperative care (history, physical examination, laboratory, differential diagnosis) in children with pediatric surgical problems are discussed in overview. The principles of general surgery are discussed with emphasis on physiology of the pediatric population, especially in the neonatal period as a different model from those of adults. The necessity of a unique approach is underlined. Children with common congenital anomalies, surgical pathologies, especially those with associated anomalies requiring surgery are discussed focusing on treatment modalities. Students are encouraged to observe hospitalized children and outpatients, learn disease prevention, early diagnosis and treatment strategies and provide support for the patient and the family. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED512 Physical Medicine and Rehabilitation(4 credits) The purpose of this course is to acquire knowledge about physical medicine and rehabilitation. Students submit reflections and case reports, present inservices and attend clinic inservices. In a clinical setting, students treat patients and work with experienced clinicians who provide mentoring and consultation for case reviews, physical therapy techniques, approach to a patient with head and spinal injury, connective tissue and rheumatic diseases, pain neurophysiology, electrodiagnosis, walking aids and other orthotic devices. It is necessary to learn the concept of rehabilitation from the diagnosis of the illness to the organization of the necessary treatment together and grasping the importance of this process, not only in treating rheumatological diseases, but also in cases of ceasing the limitations born out of the orthopedical and neurologic diseases from becoming lasting. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED513 Plastic and Reconstructive Surgery(4 credits) The purpose of this course is to gain ability to identify and examine common problems of plastic surgery with emphasis on: examination of the hand and upper extremity; acute flexor and extensor tendon injuries, carpal tunnel syndrome; cubital tunnel syndrome; acute nerve injuries; finger tip and nail bed injuries; finger fractures. These objectives will be achieved by the clinical clerk's regular attendance and participation as a member of the Plastic Surgery Team. We hope that all clinical clerks will feel their role as an integral part of the team and participate actively with their suggestions in patient care. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED514 Psychiatry(4 credits) The purpose of this course is to expose students to patients with mental illness and to prepare them to provide psychiatric care at a basic level. By the end of the rotation, students should be proficient at taking a psychiatric history and doing a mental status exam. They should also be able to formulate a biopsychosocial assessment, differential diagnosis, and treatment plan. The clerkship places an emphasis on learning interviewing skills, team collaboration, and respect for psychiatric patients and their disorders. A special emphasis are given on psychiatric emergencies. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED515 Urology(4 credits) The purpose of this course is to make students an integral part of the adult urology service, including both inpatient and outpatient activities, under the direction of the physicians.

They will be expected to take part in diagnostic and therapeutic endeavors under staff direction. This is a survey clerkship of urology that exposes a student to general and specialty based urology (genitourinary oncology, female neurourology, pediatric urology, endourology, and minimally invasive surgery, infertility, erectile dysfunction and pediatric urology). During the clerkship, students learn the broad concepts and specific data regarding the evaluation, diagnosis, and management of the common diseases of the genitourinary tract. Students in this clerkship are an integral part of the service. Every effort is made to provide students with as much personal contact with faculty and residents as is possible and appropriate for positive patient care. *Prerequisites: MED401, MED402, MED403, MED404, MED405, MED406, MED407, MED408 and MED409.*

MED601 Internal Medicine (10 credits) The purpose of this course is to develop skills relating with the internal medicine and learn the essential clinical knowledge, and professional behaviors necessary to evaluate and care for adult patients with growing independence guided by careful and consistent supervision from residents and attending physicians. During the clerkship, the students will acquire and be able to demonstrate the clinical skills necessary to independently evaluate (with appropriate supervision) and care for adult patients with common medical problems. Student has to learn to prepare and maintain in an accepted format the medical record of the evaluation and care of inpatients and outpatients, including written or electronic entry of a complete history and physical examination, progress notes, procedure notes, clinic visit notes, physician's orders, and prescriptions for medications. Become familiar with routine procedures commonly required for the evaluation and care of patients, including venipuncture, bladder catheterization, arterial puncture, insertion of peripheral intravenous catheters, fecal occult blood tests, electrocardiograms, insertion of nasogastric tubes, use of sterile technique, and use of universal precautions. *Prerequisites: MED501, MED502, MED503, MED504, MED505, MED506, MED507, MED508, MED509, MED510, MED511, MED512, MED513, MED514 and MED515.*

MED602 General Surgery (10 credits) The purpose of this course is to learn basic knowledge of surgery and develop skills necessary for sufficient surgical clerkship. Students learn common surgical problems and understand the indications for essential diagnostic studies used to evaluate patients with surgical problems. They understand and possibly perform various basic procedures, such as: venipuncture, placement of intravenous catheter, insertion of urethral (Foley) catheter, insertion of nasogastric tube, removal of surgical drains, closure of surgical incisions, removal of suture/staples, dressing changes. Students understand how to and possibly apply specific protocol in the operating room (scrubbing, gowning, gloving, prepping and draping), interpret common laboratory tests, common radiologic tests. *Prerequisites: MED501, MED502, MED503, MED504, MED505, MED506, MED507, MED508, MED509, MED510, MED511, MED512, MED513, MED514 and MED515.*

MED603 Pediatric Health and Diseases (10 credits) The purpose of this course is to provide the medical student with the knowledge and clinical experience necessary to develop basic skills in the evaluation and management of health and disease in infants, children and adolescents. The core pediatric clerkship is an introduction to the care of children and emphasizes those aspects of pediatrics which should be understood and mastered by all physicians, regardless of ultimate career goals. The clerkship will address issues unique to childhood and adolescence by focusing on human developmental biology, and by emphasizing the impact of family, community and society on child health and well-being. It is within this framework of normal growth and development that the student will learn the mechanism of disease processes and develop the ability to formulate appropriate diagnostic and therapeutic plans. Additionally, the clerkship focuses on the impact of disease and its treatment on the developing human, and emphasizes growth and development, principles of health supervision and recognition of common health problems. The role of the pediatrician in prevention of disease and injury and the importance of collaboration between the pediatrician and other health professionals is stressed. *Prerequisites: MED501, MED502, MED503, MED504, MED505, MED506, MED507, MED508, MED509, MED510, MED511, MED512, MED513, MED514 and MED515.*

MED604 Gynecology and Obstetrics (10 credits) The purpose of this course is to provide the clinical experiences and didactics to familiarize you with the core competencies of obstetrical and gynecologic care. The obstetrics and gynecology is not only the physician for the reproductive needs of patients but often the sole provider of primary and preventive care needs of women. During this clerkship students acquire knowledge and skills to manage the health care needs of women. *Prerequisites: MED501, MED502, MED503, MED504, MED505, MED506, MED507, MED508, MED509, MED510, MED511, MED512, MED513, MED514 and MED515.*

MED605 Public Health (10 credits) The purpose of this course is to teach the interns health care system and organization in Turkey, how evaluate the health status and identify the health problems of the community, how to design and implement plans for controlling these problems, how to promote the health status of the community and the general principles of preventive, curative and rehabilitative health services. *Prerequisites: MED501, MED502, MED503, MED504, MED505, MED506, MED507, MED508, MED509, MED510, MED511, MED512, MED513, MED514 and MED515.*

MED606 Emergency Medicine (5 credits) The purpose of this course is to gain essential emergency medicine knowledge. Students should integrate the knowledge they have obtained in medical school so far to focus on evaluation and treatment of acute presentations. Students describe the importance of effective communication at all levels for patient care in the emergency department, and demonstrate effective communication skills. Students appreciate the clinical challenge of managing multiple patients simultaneously, each at different stages of evaluation and treatment. *Prerequisites: MED501, MED502, MED503, MED504, MED505, MED506, MED507, MED508, MED509, MED510, MED511, MED512, MED513, MED514 and MED515.*

MED607 Elective Rotation (Internal and Surgical Medicine) (5 credits) The purpose of this course is to offer an extra opportunity of clinical rotation desired by the student in accordance with the future career planning in medical specialities. *Prerequisites: MED501, MED502, MED503, MED504, MED505, MED506, MED507, MED508, MED509, MED510, MED511, MED512, MED513, MED514 and MED515.*

ELECTIVES

HMA101 Health Management (2 credits) The purpose of this course is to provide information about management concept and functions, the definition, classification and characteristics of health services and health management in Turkey also Characteristics, stages and developments of health care services and institutions in Turkey.

MIN101 Medical Informatics (2 credits) The purpose of this course is to introduce Health Informatics including definitions, theory, technologies, workflow and expectations in the informatics field, tools, and professional organizations.

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education.

ATA111 History of Turkish Revolution (2 credits) *(See General Education)*

TRD111 Turkish Language (2 credits) *(See General Education)*

ENG113 Academic Reading and Writing I (3 credits) *(See General Education)*

ATA112 History of Turkish Revolution (2credits) *(See General Education)*

TRD112 Turkish Language (2credits) *(See General Education)*

ENG114 Academic Reading and Writing II (3credits) *(See General Education)*

ENG213.06 Academic Listening and Speaking I(for the faculty of medicine) (3credits) *(See General Education)*

ENG214 Academic Listening and Speaking II (3 credits) *(See General Education)*

SCHOOL OF APPLIED SCIENCES

Accounting and Financial Management (Turkish)

About Program

The Accounting and Financial Management Department offers students relevant knowledge about their profession and practice in accordance with the accounting and finance. The four year program is based on three major principles:

- Courses on fundamental concepts of corporate life such as business administration, economics, law, management
- Courses on various aspects of accounting and finance
- Seminars where professionals from the business sector share their experience with students, and internships that prepare students for the work place.

The medium of instruction in our department is Turkish and students are required to enroll in a one year English preparatory class followed by a four-year undergraduate program. Students eager to learn a second foreign language may choose between Russian, Chinese, Arabic and German. Accomplished students are allowed to apply for a double major or a minor program and may also study abroad within the framework of Erasmus programs.

Objectives

The aim of the department is to focus on global and local issues, as well as the recent theoretical developments and practical applications in its field. This four-year accounting program concentrates on building skills in financial and managerial accounting and developing strong knowledge in accounting software. Our mission is to allow our graduates to look forward to rewarding employment opportunities in a wide range of business sectors.

The total credits required for the satisfactory completion of the curriculum are 120 credits. The program additionally requires two internships each enduring 20 work days.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
ATA101	Atatürk İlkeleri ve İnkılâp Tarihi I	Yes	Yes	2 + 0	2
IKT151	İktisada Giriş	Yes	Yes	3 + 0	3
BLG151	Bilgisayara Giriş	Yes	Yes	1 + 2	2
ISL151	İşletmeye Giriş	Yes	Yes	3 + 0	3
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0 + 2	1
SECGNL1YY	Seçmeli Bölüm/ Yüksekokul/Üniversite Dersi	No	Yes	2 + 0	2
SECYAB1YY	Seçmeli Yüksekokul Dersi/Yabancı Dil Dersi	No	Yes	2 + 2	3

[+] 1st Semester Elective Course List

Total :	18
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2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
ATA102	Atatürk İlkeleri ve İnkılâp Tarihi II	Yes	Yes	2 + 0	2
ISL255	Yönetim ve Organizasyon	Yes	Yes	3 + 0	3
HUK181	Hukukun Temelleri	Yes	Yes	3 + 0	3
MFY102	Finansal Muhasebe	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SECYAB2YY	Seçmeli Bölüm/Yabancı Dil Dersi	No	Yes	2 + 2	3
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[+] 2nd Semester Elective Course List

MFY112	Ticari Belgeler	Yes	Yes	3 + 0	3
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Total :					16
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3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MAT151	Ticari Matematik	Yes	Yes	3 + 0	3
HUK283	Borçlar Hukukuna Giriş	Yes	Yes	3 + 0	3
MFY201	Muhasebe Meslek Hukuku ve Etik	Yes	Yes	2 + 0	2
MFY203	Dönem Sonu Muhasebe İşlemleri	Yes	Yes	3 + 0	3
SECGNL3YY	Seçmeli Bölüm/Yüksekökol/Üniversite/Yabancı Dil Dersi	No	Yes	2 + 2	3

[+] 3rd Semester Elective Course List

Total :					14
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MFY213	Mesleki İngilizce I	Yes	Yes	3 + 0	3
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4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
IST251	İstatistiğe Giriş	Yes	Yes	3 + 0	3
HUK292	Ticaret Hukuku	Yes	Yes	3 + 0	3
MFY202	Para ve Finansal Kurumlar	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

MFY204	Muhasebe Bilgisayar Uygulamaları I	Yes	Yes	3 + 0	3
STJ001	Staj I	Yes	No	0 + 0	0
SECGNL4YY	Seçmeli Bölüm/Yabancı Dil Dersi	No	Yes	2 + 2	3

[+] 4th Semester Elective Course List

Total :					15
MFY214	İleri Excel Uygulamaları ve Muhasebe	Yes	Yes	3 + 0	3
MFY216	Mesleki İngilizce II	Yes	Yes	3 + 0	3

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HUK389	Vergi Hukukuna Giriş	Yes	Yes	3 + 0	3
MFY301	Finansa Giriş	Yes	Yes	3 + 0	3
MFY303	Türkiye Finansal Raporlama Standartları I	Yes	Yes	2 + 2	3
MFY305	Maliyet Muhasebesi	Yes	Yes	3 + 0	3
SECGNL5YY	Seçmeli Bölüm/Yükseköğretim/Üniversite/Yabancı Dil Dersi	No	Yes	2 + 2	3

[+] 5th Semester Elective Course List

Total :					15
MFY313	Dış Ticaret İşlemleri ve Muhasebesi	Yes	Yes	3 + 0	3

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MFY302	Türk Vergi Sistemi ve Uygulamaları	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

MFY304	Yönetim Muhasebesi	Yes	Yes	3 + 0	3
MFY306	Mali Piyasalar	Yes	Yes	3 + 0	3
MFY308	Türkiye Finansal Raporlama Standartları II	Yes	Yes	2 + 2	3
STJ002	Staj II	Yes	No	0 + 0	0
SECGNL6YY	Seçmeli Bölüm/Yabancı Dil Dersi	No	Yes	2 + 2	3

[+] 6th Semester Elective Course List

Total :					15
MFY312	Muhasebe Bilgisayar Uygulamaları III	Yes	Yes	3 + 0	3
MFY314	Banka Muhasebesi	Yes	Yes	3 + 0	3

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HUK487	İş ve Sosyal Güvenlik Hukuku	Yes	Yes	3 + 0	3
MFY401	Finansal Tablolar Analizi	Yes	Yes	3 + 0	3
SECBOL7YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECGNL7YY	Seçmeli Bölüm/Yükseköğretim/Üniversite/Yabancı Dil Dersi	No	Yes	2 + 2	3

[+] 7th Semester Elective Course List

Total :					12
MFY411	Uluslararası Finans ve Çokuluslu İşletmeler	Yes	Yes	3 + 0	3
MFY415	Staja Giriş Sınavına Hazırlık I	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

MFY413	Muhasebe Bilgi Sistemleri	Yes	Yes	3 + 0	3
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8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MFY402	Muhasebe Denetimi	Yes	Yes	3 + 0	3
MFY404	Bütçe ve Planlama Teknikleri	Yes	Yes	3 + 0	3
SECBOL8YY	Seçmeli Bölüm Dersi	Yes	Yes	3 + 0	3
SECBOL8YY	Seçmeli Bölüm Dersi	No	Yes	2 + 2	3
SECGNL8YY	Seçmeli Bölüm/Yüksekokul/Üniversite/Yabancı Dil Dersi	No	Yes	3 + 0	3

[+] 8th Semester Elective Course List

Total :					15
MFY412	E-Belge, E-Bildirge ve E-Beyanname	Yes	Yes	3 + 0	3
MFY416	Yatırım Stratejileri ve Analizi	Yes	Yes	3 + 0	3
MFY418	Staja Giriş Sınavına Hazırlık II	Yes	Yes	3 + 0	3

Grand Total					120
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

ATA101 Atatürk İlkeleri ve İnkılâp Tarihi I (History of Turkish Revolution I) (2 credits) (*See General Education*)

TRD101 Türk Dili I (Turkish Language I) (2 credits) (*See General Education*)

IKT151 İktisada Giriş (Introduction to Economics) (3 credits) The purpose of this course is to introduce students to the principles of economics and to provide a basic understanding of how economic actors such as households and firms decide to manage/allocate their available resources in an efficient way. The course provides students with a framework of and the ability to evaluate key microeconomic topics facing market economies such as basic market structures, supply and demand, consumer behavior, firm behavior in output markets, the production process, input markets, decisions in regards to market power, and market failures in capitalist economies. (*This course is given in Turkish*).

BLG151 Bilgisayara Giriş (Introduction to Computer Science) (2 credits) The aim of this course; to increase Word, Power Point and Excel skills of students. Thus, writing, forming, preparing presentations, calculation, reporting, summarizing and analysis abilities of students will develop. (*This course is given in Turkish*).

ISL151 İşletmeye Giriş (Introduction to Business) (3 credits) This course aims at teaching the basic concepts, issues, and mathematical techniques to design, analyze and improve various operations of an organization. The topics covered include product and process design, capacity planning, location and layout decisions, inventory management, aggregate scheduling and material requirements planning. (*This course is given in Turkish*)

KYP001 Kariyer ve Yaşam Programı (Career and Life Planning) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. (*This course is given in Turkish*)

TRD102 Türk Dili II (Turkish Language II) (2 credits) (*See General Education*)

ATA102 Atatürk İlkeleri ve İnkılâp Tarihi II (History of Turkish Revolution II) (2 credits) (*See General Education*)

ISL255 Yönetim ve Organizasyon (Management and Organisation) (3 credits) The purpose of this course is to help students understand organizations and take effective action in them by understanding the social dynamics and context shaping organizational life. (*This course is given in Turkish*)

HUK181 Hukukun Temelleri (Fundamentals of Law) (3 credits) The objective of this course is to provide a general point of view on basic legal terms such as law and rights, justice and enforcement, legal systems and legal branches, and methods of implementation and interpretation. (*This course is given in Turkish*)

MAT151 Ticari Matematik (Business Mathematics) (3 credits) This course aims to cover the notion of function which is one of the fundamental concepts of Mathematics. Graphs, limits, derivatives related applications of functions are covered. *(This course is given in Turkish)*

HUK283 Borçlar Hukukuna Giriş (Introduction to Law of Obligations) (3 credits) The purpose of this course; the evaluation of the general provisions of the Turkish Code of Obligations, in the light of scientific and judicial resources for birth of debt relations, is to scrutinize the terms and types. *(This course is given in Turkish)*

MFY201 Muhasebe Meslek Hukuku ve Etik (Law and Ethics in Accounting) (2 credits) This course examines the subject of business ethics in detail. The emerging business ethics issues will be discussed, ethical decision making will be analyzed, and the importance of business ethics in global economy will be explained. *(This course is given in Turkish)*

MFY203 Dönem Sonu Muhasebe İşlemleri (Year End Accounting Transactions) (3 credits) The aim of this course is to; introduces to actual accounting practices and techniques. The real focus of the course is uncovering the meaning of accounting information and how decision makers use this information. *(This course is given in Turkish).*

IST251 İstatistiğe Giriş (Introduction to Statistics) (3 credits) The aim of this course is to provide the fundamental concepts of Probability and Statistics with applications of business and economic problems. The course illustrates many examples of common statistical methods for students who would like to focus on information intensive fields. *(This course is given in Turkish)*

HUK292 Ticaret Hukuku (Commercial Law) (3 credits) Main objective of this course is to be learnt concept and regulation of law of commercial enterprise. *(This course is given in Turkish)*

MFY204 Muhasebe Bilgisayar Uygulamaları I (Accounting Computer Applications I) (3 credits) The purpose of this course is to prepare students to practicing basic of examples of accounting on accounting software (ETA). Students will recognize to logic of software in this course. Through chapters and practicing, students will able to get the financial statements. *(This course is given in Turkish)*

HUK389 Vergi Hukukuna Giriş (Introduction to Tax Law) (3 credits) The aim of the this course is to; provides a general approach about; basic concepts, institutions and main taxes of Turkish Tax Law and administrative or judgmental resolution ways of disputes. *(This course is given in Turkish)*

MFY102 Finansal Muhasebe (Financial Accounting) (3 credits) This course aim is to give an understanding and ability about the importance of accounting and accounting information for business and to use accounting tools during the process of transaction recording, classifying and summarizing. *(This course is given in Turkish)*

MFY301 Finansa Giriş (Introduction to Finance) (3 credits) The objective is to provide students with the tools to understand and solve the basic financial problems confronting business today. Therefore, fundamentals of finance, financial statements and analysis, time value of money, risk and return concepts are taught to develop the theoretic background for students. The successful completion of this course should provide the student with the basic skills that should be used in analyzing alternative business investments. *(This course is given in Turkish)*

MFY303 Türkiye Finansal Raporlama Standartları I (Turkish Financial Reporting Standards I) (3 credits) This course aim is to give an understanding and ability to use about selected Turkish Accounting Standards issued by Turkish Accounting Standard Board. *(This course is given in Turkish)*

MFY305 Maliyet Muhasebesi (Cost Accounting) (3 credits) The aim of this course is to; introduces candidates to costing techniques that are likely to be utilised within cost accounting. The objective of the unit is to enable candidates to maintain a working accounting system for classifying and recording cost accounting information for purposes such as stock valuations and profit measurement. *(This course is given in Turkish)*

MFY302 Türk Vergi Sistemi ve Uygulamaları (Turkish Tax Systems and Applications) (3 credits) The purpose of this course is to provide participants with an understanding of effective internal control procedures and an ability to identify areas of risk and potential opportunities for fraud. *(This course is given in Turkish)*

MFY304 Yönetim ve Muhasebesi (Managerial Accounting) (3 credits) The aim of this course is to; application of modern accounting methods to process management and strategy implementation, such as Activity Based Management, Lifecycle Costing and Target Costing, Strategy Maps and Balanced Scorecards Definition of relationship between management accounting and modern strategic management methods. *(This course is given in Turkish)*

MFY306 Mali Piyasalar (Financial Markets) (3 credits) The course aims at evaluating financial markets and institutions in its global international setting. It begins with the concept of “financial assets”, their role in a modern economy and the role of financial markets. We will focus on financial intermediaries, their functions, a short review of their asset/liability management and recent developments, i.e., financial innovation, asset securitization and globalization. Moreover; depository institutions, Central Bank, creation of money and monetary policy are the subjects covered. Financial crisis, financial regulation and the role of banks will also be comprehensively covered during the courses. *(This course is given in Turkish)*

MFY308 Türkiye Finansal Raporlama Standartları II (Turkish Financial Reporting Standards II) (3 credits) This course aim is to give an understanding and ability to use about selected Turkish Accounting Standards issued by Turkish Accounting Standard Board. *(This course is given in Turkish)*

HUK487 İş ve Sosyal Güvenlik Hukuku (Labour and Social Security Law) (3 credits) This course objective is to educate individuals in the fields of collective labour law and social security law. *(This course is given in Turkish)*

MFY401 Mali Tablolar Analizi (Financial Statements Analysis) (3 credits) The purpose of this course is to provide students with the relevant and detailed information about the each type of financial statements and the methods for financial analysis to draw useful and appropriate conclusions from the information obtained from financial statements. *(This course is given in Turkish)*

MFY202 Para ve Finansal Kurumlar (Monetary and Financial Institutes) (3 credits) The course aims at evaluating financial markets and institutions in its globalinternational setting. *(This course is given in Turkish)*

MFY402 Muhasebe Denetimi (Auditing) (3 credits)The aim of this course is to provide information about why auditing is needed, and to explain auditing process, audit planning, audit execution, completion and reporting to necessary parties. *(This course is given in Turkish)*

MFY404 Bütçe ve Planlama Teknikleri (Budget and Planning Techniques) (3 credits) The aim of this course is to introduce students to some basic concepts in financial economics and to establish its roots in micro and macroeconomics and general equilibrium theory. The main objective is to introduce key concepts and theories in economics that are useful in understanding about and guiding decisionmakers in financial markets. *(This course is given in Turkish)*

ELECTIVES

MFY213 Mesleki İngilizce I (Vocational English I) (3 credits) This course aim is to give an understanding and ability about the importance of accounting and accounting information for business and to use accounting tools during the process of transaction recording, classifying and summarizing. *(This class is given in English)*

MFY112 Ticari Belgeler (Commercial Document) (3 credits) The aim of this course; to educate students who are making formal reporting, taking responsibility and adapting to technology. *(This course is given in Turkish)*

MFY214 İleri Excel Uygulamaları ve Muhasebe (Advanced Excel Applications and Accounting) (3 credits) The aim of this course; to increase Excel skills of students. Thus, calculation, reporting, summarizing and analysis abilities of students will develop. Students will be more functional in internships and work place. *(This course is given in Turkish)*

MFY216 Mesleki İngilizce II (Vocational English II) (3 credits) This course aim is to give an understanding about what basic accounting information is - the concept of accounts, assets, liabilities, profits and equity concepts and preparation of the basic financial statements and to apply accounting policies, valuation methods and records of year end transactions. *(This course is given in Turkish)*

MFY313 Dış Ticaret İşlemleri (Foreign Trade Operations) (3 credits) The purpose of this course is to prepare students to be managers for the increasingly competitive foreign trade world. The emphasis of this course will be on the international commercial terms, important export transactions and accounting. Through chapters and readings, students will take of learning. In addition, we will be explained the topics with examples. End of the course, students are required to do homework. During the presentations, students will be work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish)*

MFY312 Muhasebe Bilgisayar Uygulamaları III (Accounting Computer Applications) (3 credits) The purpose of this course is to prepare students to practicing basic of examples of accounting on accounting software (LUCA). Students will recognize to logic of software in this course. Through chapters and practicing, students will able to get the financial statements. *(This course is given in Turkish).*

MFY314 Banka Muhasebesi (Banking Accounting) (3 credits) This course aim at; teaching banking sector and accounting system of this sector and developing the analyzing abilities of students at the bank sector. *(This course is given in Turkish)*

MFY411 Uluslararası Finans ve Çokuluslu İşletmeler (International Finance Multinational Corporation) (3 credits) The objective of the course is to evaluate the different environmental aspects that international organizations face during their activities and to learn the strategies that multinationals refer while developing and sustaining their competitive advantage. *(This course is given in Turkish)*

MFY415 Staja Giriş Sınavına Hazırlık I (Preparing for Internship Exam I) (3 credits)The purpose of this course; the students find out which exams they will have after graduation and also which topic contains these exams and what type of questions the will meet. They make exam preparation by solving many similar questions. So, they will be equipped better in the exams which they will enter after graduation. *(This course is given in Turkish).*

MFY413 Muhasebe Bilgi Sistemleri (Accounting Information Systems) (3 credits) The aim of this course is to enable studentsto learnthe business processes ofthecompany. In addition,to analyzetheoperationsinthe process thatare the effects ofaccounting. Students will be more functional in internships and work place. *(This course is given in Turkish).*

MFY412 E-Belge, E-Bildirge ve E-Beyanname (E-Document, E-Report and E-Proclamation) (3 credits) The aim of this course; to educate students who are making formal reporting, taking responsibility and adapting to technology. *(This course is given in Turkish)*

MFY416 Yatırım Stratejileri ve Analizi (Investment Strategies and Analysis) (3 credits) The Primary objective is to introduce graduate students the basic concepts of investing, the tools and principles to be able to better understand trading in financial markets. It is also aimed that students will be equipped with the knowledge for portfolio selection, portfolio management and investment evaluation through theoretical methodologies. Through solving the problems it is aimed to develop and increase the skills of the student in the field of investment and portfolio construction. *(This course is given in Turkish).*

MFY418 Staja Giriş Sınavına Hazırlık II (Preparing for Internship Exam II) (3 credits) The purpose of this course; the students find out which exams they will have after graduation and also which topic contains these exams and what type of questions the will meet. They make exam preparation by solving many similar questions. So, they will be equipped better in the exams which they will enter after graduation. *(This course is given in Turkish).*

Banking and Insurance (Turkish)

About Program

The Banking and Insurance Program offers a qualified undergraduate education in which all the courses are given in Turkish by our experienced academic staff in a way that theoretical knowledge is transferred into practice. After completion of a one-year basic courses class, the students take specific field courses in Turkish. Furthermore in the 5th and 6th semesters the students learn a mandatory second foreign language course (will be selected from Russian, Chinese, German and Arabic). By this means, the graduates of the program will be able to use their language they selected in their business lives. In order to adapt theoretical knowledge into practice, the students are required to hold a summer internship position at a company for 20 workdays in total after the 2th semester is completed. Each student is obliged to propose an internship report to the department head at the end of each internship period. During the final year of the program, each student is required to write a graduation dissertation which ought to be applicable in real business life. The major benefit of our program is the flexibility that helps to guide innovative students with analytical thinking skills that are ready to compete in international markets with technical and practical background and one foreign language. The Banking and Insurance Program aims to lead students for becoming future executives for the local and global markets and business environment and aims to enable them to have social responsibility, possess high communication skills and open to continuous self-improvement.

Objectives

The Banking and Insurance Program aims to orient students to become innovative, dynamic, entrepreneur graduates with analytical thinking skills for all financial and insurance sectors together with the basic institutions and to strengthen theoretical framework on banking and insurance related issues with accounting, auditing, marketing, management and law.

The total credits required for the satisfactory completion of the curriculum are 120 credits. The program additionally requires one internship each enduring 20 work days during summer following the second year.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
	Seçmeli Yabancı Dil Dersi	No	Yes	3 + 0	3
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
ATA101	Atatürk İlkeleri ve İnkılap Tarihi	Yes	Yes	2 + 0	2
ISL103	Temel İşletme	Yes	Yes	3 + 0	3
ISL111	Matematik I	Yes	Yes	3+0	3
IKT103	İktisada Giriş I	Yes	Yes	3 + 0	3
KYP001	Kariyer ve Yaşam Program	Yes	Yes	0 + 2	1
Total:					17

[+] 1st Semester Elective Course List**2nd SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
	Seçmeli Yabancı Dil Dersi	Yes	Yes	2+2	3
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
BAS102	Bankacılık ve Sigortacılığa Giriş	Yes	Yes	3+0	3
ISL112	Matematik II	Yes	Yes	3 + 0	3
IKT104	İktisada Giriş II	Yes	Yes	3 + 0	3
STJ001	Staj	Yes	Yes	0 + 0	0
Total					16

[+] 2th Semester Elective Course List**3rd SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
ISL211	İstatistik I	Yes	Yes	3 + 0	3
FIN 251	Finansal Muhasebe	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

BAS201	İşletme Finansın Temelleri	Yes	Yes	3+0	3
BAS203	Temel Bankacılık Hizmetleri	Yes	Yes	3 + 0	3
	Seçmeli I (Üniversite/Teknik/ YanacıDil)	No	Yes	3 + 0	3
Total:					15

[+] 3rd Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
HUK181	Hukukun Temelleri	Yes	Yes	3+0	3
ISL205	Yönetim ve Organizasyon	Yes	Yes	3+0	3
ISL213	İşletmelerde İletişim ve Etik	Yes	Yes	3+0	3
BAS205	Bankacılık Teorisi ve Politikası	Yes	Yes	3+0	3
TIC203	Uluslararası Ticaret	Yes	Yes	3+0	3

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ISL212	İstatistik II	Yes	Yes	3 + 0	3
ISL220	Girişimcilik	Yes	Yes	2 + 2	3
BAS202	Sigorta Muhasebesi	Yes	Yes	3 + 0	3
BAS204	Temel Sigortacılık Hizmetleri	Yes	Yes	3 + 0	3
	Seçmeli II (Üniversite/Teknik/ YanacıDil)	No	Yes	3 + 0	3
Total:					15

[+] 4th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
FIN252	Yönetim Muhasebesi	Yes	Yes	3+0	3
HUK384	Ticaret Hukukunun Temelleri	Yes	Yes	3+0	3
ISL206	İnsan Kaynakları Yönetimi	Yes	Yes	3+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SAG102	Sağlık ve Yaşam	Yes	Yes	3+0	3
SAG202	İş Sağlığı ve Güvenliği	Yes	Yes	3+0	3
BAS206	Sigortacılık Mevzuatı	Yes	Yes	3+0	3

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Seçmeli İkinci Yabancı Dil Dersi	Yes	Yes	2+2	3
BAS301	Banka Muhasebesi ve Raporlama	Yes	Yes	3+0	3
BAS303	Sigorta Hukuku	Yes	Yes	3 + 0	3
	Seçmeli I (Teknik)			3+0	3
	Seçmeli III (Üniversite/Teknik/ YanacıDil)			3+0	3
Total:					15

[+] 5th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
BAS305	Yatırım Analizi ve Portföy Yönetimi	Yes	Yes	3+0	3
ISL301	Pazarlamanın Temelleri	Yes	Yes	3	6
ISL311	Örgütsel Davranış	Yes	Yes	3	6
BAS309	Banka Operasyonları	Yes	Yes	3+0	3

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Seçmeli İkinci Yabancı Dil Dersi	Yes	Yes	2+2	3
BAS302	Bankacılık Hukuku	Yes	Yes	3 + 0	3
BAS304	Sigorta İşletmeleri Yönetimi	Yes	Yes	3+0	3
	Seçmeli II (Teknik)	No	Yes	3+0	3
	Seçmeli IV (Üniversite/Teknik/ YanacıDil)	No	Yes	3+0	3
Total:					15

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 6th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
ISL304	Pazarlama Yönetimi	Yes	Yes	3 + 0	3
BAS308	Reasürans Teknikleri	Yes	Yes	3 + 0	3
BAS310	Kredi Yönetimi ve Analizi	Yes	Yes	3+0	3

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
BAS401	Güncel Finansal Sorunlar	Yes	Yes	3+0	3
BAS403	Finansal Piyasalar ve Kurumlar	Yes	Yes	3+0	3
BAS405	Sigorta İşletmelerinde Risk Yönetimi	Yes	Yes	3 + 0	3
	Seçmeli I (Yabancı Dil/Teknik)	No	Yes	3+0	3
	Seçmeli V (Üniversite/Teknik)	No	Yes	3+0	3
Total:					15

[+] 7th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IKT401	Türkiye Ekonomisi	Yes	Yes	3 + 0	3
ISL451	Mikrofinans ve Sosyal İşletmecilik I	Yes	Yes	3 + 0	3
BAS407	Hasar Uygulamaları	Yes	Yes	3 + 0	3
BAS409	Uluslararası Finans ve Türev Araçlar	Yes	Yes	3 + 0	3

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Seçmeli III (Teknik)	Yes	Yes	3+0	3
	Seçmeli IV (Teknik)	Yes	Yes	3+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçmeli II (YabancıDil/Teknik)	Yes	Yes	3+0	3
	Seçmeli VI (Üniversite/Teknik)	Yes	Yes	3+0	3
Total:					12

[+] 8. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
ISL452	Mikrofinans ve Sosyal İşletmecilik II	Yes	Yes	3+0	3
BAS402	İşletmelerde Proje Yönetimi	Yes	Yes	3+0	3
BAS408	Mezuniyet Projesi	Yes	Yes	3+0	3
BAS490	İşyeri Uygulamaları	Yes	Yes	3+0	3
BAS412	Avrupa Birliği'nde Sigortacılık	Yes	Yes	3+0	3
Grand Total					120

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

ATA101 Atatürk İlkeleri ve İnkılâp Tarihi I (History of Turkish Revolution I) (2 credits) *(See General Education)*

TRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education)*

ISL103 Temel İşletme (Basic Business) (3 Credits) The objective of this course is to analyze the important topics of business as forming a business unit, business in global markets, general management in business, human resource management in business, accounting and financial activities in business, operations management in business, marketing management in business, business and economics, social responsibility, ethics and law in business and new concerns of business. *(This course is given in Turkish)*

ISL111 Matematik I (Mathematics) (3 Credits) The purpose of this course is to provide a mathematical foundation to be used in economics, business and related areas. The course is designed for two semesters, and will continue with its second module in the following semester. This first module, i.e. Mathematics I is prerequisite for Mathematics II. Course content consists of basic concepts (sets, numbers), equalities and inequalities, applications of equality systems, graphs, concept of function, exponential and logarithmic functions, limits and continuity. *(This course is given in Turkish)*

IKT103 İktisada Giriş I (Introduction to Economics) (3 Credits) The aim of this course is to develop an understanding of elementary microeconomic analysis and its applications. By the end of the term, the student will have acquired a basic understanding of the main microeconomic topics, including analysis of the consumer, the firm, and the economics of public sector and product markets. The material covered as part of this course will help students to organize their ideas about economics. *(This course is given in Turkish)*

TRD102 Türk Dili II (Turkish Language II) (2 credits) *(See General Education)*

ATA102 Atatürk İlkeleri ve İnkılâp Tarihi II (History of Turkish Revolution II) (2 credits) *(See General Education)*

KYP001 Kariyer ve Yaşam Programı (Career and Life Planning) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish)*

BAS102 Bankacılığa ve Sigortacılığa Giriş (Introduction to Banking and Insurance) (3 Credits) The objective of this course provides an introduction to the principles of banking and finance. It covers a broad range of topics using an economic perspective and aims to give a general background to students interested in the subject of banking and finance. *(This course is given in Turkish)*

ISL112 Matematik II (Mathematics II) (3 Credits) The purpose of this course is to provide a mathematical foundation to be used in economics, business and related areas. Mathematics is organised

for two semesters, and the first module, i.e. Mathematics I is a prerequisite for Mathematics II. Course consists of limits and continuity, differentiation, integration, matrix algebra, and related topics. *Prerequisite: ISL111. (This course is given in Turkish)*

IKT104 İktisada Giriş II (Introduction to Economics II) (3 Credits) The aim of the course is to develop an understanding of elementary macroeconomic analysis and its applications. By the end of the term, the student should have acquired a basic understanding of the main macroeconomic topics, including national income, aggregate demand and supply, an introduction to the real economy and money and prices in the long run and some basic concepts about inflation and unemployment trade-off. The material covered in this course will help the student to organize his/her ideas about economics. *(This course is given in Turkish)*

ISL211 İstatistik I (Statistics I) (3 Credits) The course objective of this course is to equip students with an understanding of descriptive statistics and analytical thinking. Discussions will range from key concepts to useful data resources. Among topics covered are: Data collection, summarizing and presenting techniques, probability theory, discrete and continuous random variables, discrete probability distribution, continuous probability distribution and sampling distributions. *(This course is given in Turkish)*

FIN251 Finansal Muhaebe (Financial Accounting) (3 Credits) The objective of the course is exploring the importance of using financial accounting data in decision-making. Students are introduced to the importance of such data to decision-making by discussing the principles and basic applications of financial accounting. *(This course is given in Turkish)*

BAS201 İşletme Finansının Temelleri (Foundations of Business Finance) (3 Credits) The objective of this course is to introduce the basics of corporate finance. The specifics of financial statements, ratio analysis and long-term planning will be followed by careful treatment of the time value of money concept. Given the minimum requirements for a thorough analysis of capital structure and capital budgeting, the next step is to make a clear distinction how a corporation finance and decide on its projected long-term investments. In this respect bond and stock markets are to be analyzed. Finally, the course concludes with a thorough analysis of capital budgeting methods. *(This course is given in Turkish)*

BAS203 Temel Bankacılık Hizmetleri (Basic Banking Services) (3 Credits) The objective of this course is to introduce the local and global dimensions of banking sector and as well the types of banks. The functioning of central banks will be also analyzed in the content of lectures. The investment and commercial banks, the types of deposits, different loans applications and the functions of banks will be studied into details during the lectures. *(This course is given in Turkish)*

ISL212 İstatistik II (Statistics II) (3 Credits) The objective of this course is to equip students with an understanding of inferential statistics (i.e. making valid generalizations for the entire population using sample data) and analytical thinking. *Prerequisite: ISL211. (This course is given in Turkish)*

ISL220 Girişimcilik (Entrepreneurship) (3 Credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production,

business ethics will also be examined. The original side of this course is business people' sharing their experience with students. *(This course is given in Turkish)*

BAS202 Sigorta Muhasebesi (Insurance Accounting) (3 Credits) The objective of this course is to introduce the basic principles and applications of the insurance accounting to the students. During the lectures, related financial statements and "Uniform Chart of Accounts" will be analyzed within the perspective of insurance sector. The activities, records, cancellations and provisions concerning insurance premiums will be studied as well. The reinsurance process and intermediary activities of insurance companies will be described in the content of the course.*(This course is given in Turkish)*

BAS204 Temel Sigortacılık Hizmetleri (Basic Insurance Services) (3 Credits) The objective of this course is to introduce the concept of "risk" and to make its classifications and give knowledge about how to manage risks to some extent. The definition of the term insurance, its related subparts, main principles and its role in business life and economics will be also studied during the lectures. Apart from this; the insurance policy and related sides, various insurance and reinsurance types, insurance companies, experts, actuarial consultants and their functions will be analyzed in the content of the course. In addition to that; indemnity periods, related amounts and some regulatory institutions will be described as well. *(This course is given in Turkish)*

BAS301 Banka Muhasebesi ve Raporlama (Banking Accounting and Reporting) (3 Credits) The objective of the course is exploring the importance of using financial accounting data in decision-making. Students are introduced to the importance of such data to decision-making by discussing the principles and basic applications of financial accounting. *(This course is given in Turkish)*

BAS303 Sigorta Hukuku (Insurance Law) (3 Credits) The objective of this course is to introduce the basic principles of insurance law, its role and functions in social and economic life. The description of insurance sector will be given by taken into account insurance companies, some specific insurance tools, different insurance policies such as life insurance, property insurance and liability insurance. *(This course is given in Turkish)*

BAS302 Bankacılık Hukuku (Banking Law) (3 Credits) Being a financial institution banks and regulations which affects banking operations and in particular scope and practices of base law, "Banking Act" with 5411 number which regulate banking activities have all been examined in this course. Content titles; regulations within banking law content, laws, decree laws, regulations and notifications, regulations regarding to organizational structure of banking sector, regulations concern with bank foundation, management and working order, regulations regarding to bank activities and bank auditing. *(This course is given in Turkish)*

BAS304 Sigorta İşletmeleri Yönetimi (Insurance Corporations Management) (3 Credits) The objective of this course is to introduce general concepts and the terminology related to the insurance sector. The risk management in the insurance sector and legal perspectives will be analyzed as well in the content of the course. The effects of globalization and some worldwide strategies will be demonstrated during the lectures. The quality management, the importance of customer relations, expertising activities, the competition level, the organizational structure of companies and the related EU standards will be investigated within the perspective of insurance sector.

BAS401 Güncel Finansal Sorunlar (Current Financial Problems) (3 Credits) The aim of the course is to cover key economic problems and economic policies of Turkey in relation with the world economy and to provide students with analytical tools that would help them examine critically current economic

challenges of the Turkish economy. The topics covered are national income accounts and related issues, economic growth, income distribution, employment and unemployment, inflation, monetary system and central banking, public sector and fiscal policy, international economic relations, balance of payments accounts, global crisis. *(This course is given in Turkish)*

BAS403 Finansal Piyasalar ve Kurumlar (Financial Markets and Institutions) (3 Credits) The objective of this course is to introduce the basics of financial markets and institutions. The mechanics of bond and stock markets are thoroughly analyzed. The specifics of financial crisis are undertaken in accordance with the asymmetric information problems in the financial markets. The remaining part of the course covers the Money Markets, the Mortgage Markets, the Mutual Funds and the Investment Banking along with a special emphasis on the 2007-2009 Financial Crisis. *(This course is given in Turkish)*

BAS405 Sigorta İşletmelerinde Risk Yönetimi (Risk Management in Insurance Corporations) (3 Credits) The objective of this course is to introduce general concepts and the terminology related to the insurance sector. The risk management in the insurance sector and legal perspectives will be analyzed as well in the content of the course. The effects of globalization and some worldwide strategies will be demonstrated during the lectures. The quality management, the importance of customer relations, expertising activities, the competition level, the organizational structure of companies and the related EU standards will be investigated within the perspective of insurance sector. *(This course is given in Turkish)*

ELECTIVES

HUK181 Hukukun Temelleri (Fundamentals of Law) (3 credits) This course will initially focus on the basic principles, nature, functions and sources of law, legal concepts and fundamentals of legal reasoning, concepts of justice and equity, normative character of law and morality, legitimacy of law and relationship between social order and law. The objective of this course is to provide a general point of view on basic legal terms such as law and rights, justice and enforcement, legal systems and legal branches, and methods of implementation and interpretation. *(This course is given in Turkish)*

ISL205 Yönetim ve Organizasyon (Management and Organization) (3 credits) The objective of this course is to define the terms Management and Organizational Behavior relate to a considerable breadth and depth of topics relative to both the business world and the construction management industry. We often hear terms such as change agent, accountability, ethical conduct, paradigm shift, team building, culture and a plethora of others. The terms may seem strange in the macho world of construction however; an appreciation for these concepts is crucial to becoming a successful construction manager. This course will seek to enhance your understanding of management principles and organizational behavior theories and their relationship to the construction management profession. *(This course is given in Turkish)*

ISL213 İşletmelerde İletişim ve Etik (Communication and Ethics in Corporations) (3 credits) The purpose of this course is to apply business communication principles through creation of effective business documents and oral presentations. It includes study and application of team communication and use of technology to facilitate the communication process. Secondly, ethics offers concept of values, morality, as well as cultural beliefs and up bringing in all areas of business, from consumer rights to corporate social responsibility. Decisions made by shift managers or corporate presidents may affect thousands of individuals or entire communities. Consumers today expect and demand integrity, honesty, and transparency in all levels of their environment. Understanding those expectations is the key to

communicating core values and behavior not only to employees, but society in general. *(This course is given in Turkish)*

BAS205 Bankacılık Teorisi Ve Politikası (Banking Theory and Policy) (3 Credits) The objective of this course is to introduce the basic functions of banking industry, capital markets, central bank, its role and importance in finance sector. The new trends and current issues will be discussed as well within the scope of the course. The effective management of loans, different financing instruments and their related effects, banks' financing resources and their costs and the related pricing models, some alternative and complementary financial institutions to banking system will be analyzed during the lectures. The effectiveness of bank management, total quality concept and the definition of information management system may be stated as the objectives of the course. *(This course is given in Turkish)*

TIC203 Uluslararası Ticaret (International Trade) (3 credits) The purpose of this course is to study the structure and dynamics of international trade within an evolving world economy from the perspective of a developing country, especially Turkey. Students will analyze the essential characteristics of foreign trade structures of developing countries within recent periods of world economy. *(This course is given in Turkish)*

FIN252 Yönetim Muhasebesi (Accounting of Management) (3 credits) The objective of the course is to make easier the efficient use of financial and cost accounting data in decision-making process. How to use in effective ways the knowledge obtained from the managerial accounting based on predetermined principles and standards will be introduced to students in the content of the course as well. The benefits of the managerial accounting and as well as those of financial statements to the decision makers will be analyzed. *(This course is given in Turkish)*

HUK384 Ticaret Hukukunun Temelleri (Fundamentals of Commercial Law) (3 credits) The main aim of the Commercial Law course is to provide students with commercial law information that will aid them in management. The legal rules that are connected to management are explained within a limited framework. The required information for the students' future professional life regarding sale and hire contracts within the scope of the law of obligations special provisions will be explained. Besides, general concepts within the area of private law and public law will be examined. *(This course is given in Turkish)*

ISL206 İnsan Kaynakları Yönetimi (Human Resources Management) (3 credits) This course is designed to prepare students to be managers for the increasingly competitive business world. The students will be able to identify human resource management and explain how HRM contributes to an organization's performance and also recognize the importance of hiring and developing employees so that they become more valuable to the organization. *(This course is given in Turkish)*

BAS206 Sigortacılık Mevzuatı (Legislation of Insurance) (3 Credits) The objective of this course is to introduce the general concepts of insurance sector, its legal aspects concerning different areas such as the law of obligations, natural disaster, pension funds, highway traffic and cooperatives. The related parties and their obligations based on the insurance contract and its regulations will be analyzed as well in the content of the course. Internal auditing, external and independent auditing, governmental auditing and arbitration will be defined in the scope of the course. *(This course is given in Turkish)*

BAS305 Yatırım Analizi ve Portföy Yönetimi (Investment Environment and Portfolio Management) (3 Credits) The objective of this course is to introduce the specifics of the investment environment and portfolio management. After a careful treatment of the investment environment along

with a special emphasis on the fund management, the course starts to build the pillars of portfolio management. The scrutiny of constructing minimum variance portfolios will be followed by thorough treatment of index models. Then the emphasis turns to the Capital Asset Pricing Model and the Arbitrage Pricing Theory. Finally, the course concludes with the in-depth analysis of Efficient Market Hypothesis with regard to portfolio management issues raised through the whole semester. *(This course is given in Turkish)*

ISL301 Pazarlamann Temelleri (Fundamentals of Marketing) (6 credits) The purpose of this course is to introduce students the marketing principles and concepts. Upon successful completion of this class, students will have knowledge of marketing strategy, marketing environment, marketing research, target market and segmentation, marketing mix strategies, and global marketing. *(This course is given in Turkish)*

ISL311 Örgütsel Davranış (Organizational Behavior) (6 credits) Organizations and teams are fundamentally a collection of people who are working together towards one or more common goals or, as one scholar put it, "The people make the place." Therefore, a comprehensive understanding of people and human relationships in a workplace context is vital to the short-term and long-term viability of any enterprise. This class is designed to combine theory and practice in order to bring about a better understanding how individuals, teams, and organizations function. Particular emphasis is placed on the role of leaders in organizations. *(This course is given in Turkish)*

BAS309 Banka Operasyonları (Banking Operations) (3 Credits) The course aims to introduce students overview and general information about operational transactions at financial sector vehicles and the role of the banks. In this respect the attendees will be informed about the functions of banks and their services; review the bank operation products, understanding their impacts on financial statements of a bank. By this approach, they will be capable of understanding the banking operations and respective products. *(This course is given in Turkish)*

ISL304 Pazarlama Yönetimi (Marketing Management) (3 credits) The aim of this course is to explain students the fundamental principles and concepts of marketing management. Upon successful completion of this class, students will have knowledge of strategic planning and developing marketing strategy, analyzing the environment and managing market information, understanding consumer and business markets, developing customer driven marketing strategy, delivering value by product development, pricing, distribution, and promotion strategies, creating competitive advantage and implementing global marketing tools. *(This course is given in Turkish)*

BAS308 Reasürans Teknikleri (Reinsurance Techniques) (3 Credits) The course aims to introduce students the concept of "reinsurance" and its related terminology such as optional, proportional, non-proportional, quota share and surplus reinsurance treaties. The loss ratios and excess of loss and pool treaties, loss ratios and some specific reinsurance applications will be studied as well in the content of the course. *(This course is given in Turkish)*

BAS310 Kredi yönetimi ve Analizi (Credit Management and Analysis) (3 Credits) Beside of studying significance of fiscal analysis, credit allocation and credit surveillance processes, this course has aimed examining related methods and technics within scope of banking applications. Including titles; description and goal of fiscal analysis, financial statements which are used during fiscal analysis, making financial statements convenient for analysis, fiscal analysis methods and criteria, interrelation of each, financial statements interpretation, credit and risk concepts, credit and risk concepts, credit risk

specification, credit configuration, credit surveillance, identification and management of problematic credits. *(This course is given in Turkish)*

IKT401 Türkiye Ekonomisi (Economy of Turkey) (3 Credits) The main objective of this course is to explore the primary theoretical and practical concepts that dominate international financial markets and those that should be taken into consideration during international risk management and investment decisions. The purpose of this course is to acquaint students about the essential skills as well as to provide students with the adequate practical and theoretical background regarding international finance and derivatives that can further be used in professional or academic career. The course is structured in such a manner so that students can acquire these necessary skills to conduct a sophisticated assessment of current issues and debates covered by popular media as well as more specialized finance journals. *(This course is given in Turkish)*

ISL451 Mikrofinans ve Sosyal İşletmecilik I (Microfinance and Social Business I) (3 credits) The objective of the course is for students to gain a better understanding of the different aspects of both social business and microfinance and how successful examples from global and Turkish cases change the poverty structure. Guest speakers with field experience will highlight the social business horizons. Students will also be exposed to the business strategies focused on alleviating a social problem with their own business plans. *(This course is given in Turkish)*

BAS407 Hasar Uygulamaları (Loss Applications) (3 Credits) The objective of this course is to introduce the loss management starting from loss notice claim to payment process, the importance of its effectiveness, its changing structural organization within years. The role, its main functions and the qualifications of experts will be also described within the content of the course. In the car sector insurance, the advantages obtained by using contracted service system and how it should be managed will be analyzed into details. How to account losses, loss ratios calculations and the related provisions will be studied as well during the lectures. *(This course is given in Turkish)*

BAS409 Uluslararası Finans ve Türev Araçlar (International Finance and Derivatives) (3 Credits) The main objective of this course is to explore the primary theoretical and practical concepts that dominate international financial markets and those that should be taken into consideration during international risk management and investment decisions. The purpose of this course is to acquaint students about the essential skills as well as to provide students with the adequate practical and theoretical background regarding international finance and derivatives that can further be used in professional or academic career. The course is structured in such a manner so that students can acquire these necessary skills to conduct a sophisticated assessment of current issues and debates covered by popular media as well as more specialized finance journals. *(This course is given in Turkish)*

ISL452 Mikrofinans ve Sosyal İşletmecilik II (Microfinance and Social Business II) (3 credits) In order to fully appreciate the impact of microfinance, it's important to first understand the topic of extreme poverty and the field of global economic development. This course will then examine the development of the microfinance field over the past 25 years, beginning with the pioneer institution known as the Grameen Bank and will be detailed with theories and practices all around the globe and Turkey in specific. The objective of the course is for students to gain a better understanding of the different aspects of both social business and microfinance and how successful examples from global and Turkish cases change the poverty structure. Guest speakers with field experience will highlight the microfinance horizons. Students will also be exposed to the field trips and business strategies focused on alleviating a social problem with the notion of microcredit and micro insurance. *(This course is given in Turkish)*

BAS402 İşletmelerde Proje Yönetimi (Project Management in Corporations) (3 Credits) The objective of this course is to introduce the concepts of "project" and "project management" to the students. The definition of the different organizational structures of projects and related plannings, resources allocations, cost measurement and budgeting will be also studied during the lectures. Apart from this; the information system management, risk management and cost, quality, time and supplies management will be analyzed in the content of the course. In addition to that; the performance of the project and its related controls, project valuations, documentations and any IT based issues will be described as well within the scope of course. *(This course is given in Turkish)*

BAS412 Avrupa Birliğinde Sigortacılık (Insurance in European Union) (3 Credits) The objective of this course is to introduce to students the EU norms and standards concerning the insurance sector, its current applications and developments. The new trends and the actual insurance sector's structures of different member countries will be discussed as well within the course content. The similarities, interactions and differences between Turkish and EU insurance sectors will be analyzed within the scope of the course. *(This course is given in Turkish)*

Civil Aviation Management (Turkish)

About Program

In the wake of globalization which is characterized by significant technological and communicational developments, the aviation industry is having radical changes. Meanwhile the share of air transportation in the industry has increased regularly. With the regulations that have been made in the last 20 years; activity and market share of the companies and corporations which serve the industry have increased and the industry reached 33M employment and 1,8B USD, Gross Revenue during this time. Employment and growth in the aviation industry are presumed to continue to increase according to economic indicators. Civil aviation activities have been pursuing a progressive path and its importance among the other industries is increasing day by day. The number of passengers increased approximately by 5% per year in the last decade, and our country is dramatically above the world average: Turkey performs 15% increase per year as pointed out by authorities. Turkey is a regional center, not only in terms of passenger and load transportation but also airport and port administration and aircraft maintenance, manufacturing and modernization services. According to the data of 2013, only Turkish Airlines have about 45M passengers and almost 18,000 personnel are employed in this company. Compared to the last year's data, the increase in the number of passengers in domestic flights is 25,3 % and in international flights is 23,1 %. General Directorate of State Airports Authority stated that the number of airways passengers is presumed to be reached to 152M. It is also estimated that the number of passengers in domestic flights and private airline companies in 2023 will be 400M; the number of airports (it is currently 42) will increase to 55, with the construction of new high capacity airports as well as improvement in the capacity of the current airports. These changes and improvements entail the increase in the number of personnel trained in both fundamental aviation and business administration/management – they are the vital elements of civil aviation industry. It is very important to train young talents who will accelerate the growth of the industry. The need for qualified employee in the aviation industry, particularly in the areas of airport transportation of the state and private entities, airport management, operational performance, airport security, ground services, passenger services, air cargo has increased in the national and international scopes.

Objectives

Our target in the Civil Aviation Management Dept. is to train management trainees who are foreign language speaker, high-technology informed, always able to improve himself/herself, and have the expertise and qualifications by which they meet the needs in these areas. Our graduates thus can work in the areas of airport and port administrations, ground service companies and airlines companies in the national and international scope.

The total credits required for the satisfactory completion of the curriculum are 121 credits.
The program additionally requires 30 work days internship.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
SHU101	Sivil Havacılığa Giriş	Yes	Yes	3 + 0	3
SHU103	Yolcu Hizmetleri	Yes	Yes	3 + 0	3
İŞL151	İşletmeye Giriş	Yes	Yes	3 + 0	3
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2+0	2
SECGNL1YY	Seçmeli Yabancı Dil I/Seçmeli Fakülte Dersi/Seçmeli Üniversite Dersi	No	Yes	2+2	3
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0+2	1

[+] 1st Semester Elective Course List

Total :	15
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2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SHU108	Havacılık Terminolojisi	Yes	Yes	3 + 0	3
SHU104	Sivil Havacılık Kuralları	Yes	Yes	3 + 0	6
SHU110	Meteoroloji	Yes	Yes	3 + 0	3
IKT151	İktisata Giriş	Yes	Yes	3+0	3
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2+0	2
SECGNL2YY	Seçmeli Yabancı Dil II/Seçmeli Fakülte Dersi/Seçmeli Üniversite Dersi	No	Yes	2+2	3

[+] 2nd Semester Elective Course List

Total	17
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3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SHU201	Havayolu Yönetimi	Yes	Yes	3 + 0	3
SHU203	Hava Trafik Kuralları ve Hizmetleri	Yes	Yes	3 + 0	3
SHU205	Tehlikeli Maddeler	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

TRD101	Türk Dili I	Yes	Yes	2 + 0	2
SECBOL3YY	Seçmeli Yabancı Dil III/Seçmeli Fakülte Dersi/Seçmeli Üniversite Dersi	No	Yes	3 + 0	3

[+] 3rd Semester Elective Course List

Total	14
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4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SHU202	Emniyet Yönetim Sistemi (SMS)	Yes	Yes	3 + 0	3
SHU204	Yer Hizmetleri Yönetimi	Yes	Yes	3 + 0	3
SHU206	İş Hukuku	Yes	Yes	3 + 0	3
TRD102	Türk Dili II	Yes	Yes	2+0	2
SECGNL4YY	Seçmeli Yabancı Dil IV/Seçmeli Fakülte Dersi/Seçmeli Üniversite Dersi	No	Yes	2+2	3

[+] 4th Semester Elective Course List

Total	14
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5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SHU301	Hava Kargo Taşımacılığı	Yes	Yes	3 + 0	3
PLT321	Kütle ve Denge	Yes	Yes	3 + 0	3
LOJ309	Tedarik Zinciri Yönetimi	Yes	Yes	3 + 0	3
SECBOL5YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECBOL5YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3

[+] 5th Semester Elective Course List

Total	15
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6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
PLT 201	Hava Hukuku	Yes	Yes	3 + 0	3
SHU302	Havaalanı Yönetimi	Yes	Yes	3 + 0	3
SECBOL6YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SECBOL6YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECBOL6YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3

[+] 6th Semester Elective Course List

Total :	15
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7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SHU401	Havayolu Filo Planlama	Yes	Yes	3 + 0	3
SHU403	Uçuş Planlama ve İzleme	Yes	Yes	3 + 0	3
PSI105	Davranış Bilimleri	Yes	Yes	3 + 0	3
SECBOL7YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECBOL7YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECGNL7YY	Seçmeli Yabancı Dil V/Seçmeli Fakülte Dersi/Seçmeli Üniversite Dersi	No	Yes	2 + 2	3

[+] 7th Semester Elective Course List

Total :	18
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8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SHU402	Havacılık Güvenliği	Yes	Yes	3 + 0	3
PLT 423	Havacılık İngilizcesi	Yes	Yes	3 + 0	3
SECBOL8YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECBOL8YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SHU404	Mezuniyet Projesi	Yes	Yes	0+2	1

[+] 8th Semester Elective Course List

Total	13
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Grand Total	121
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SHU101 Sivil Havacılığa Giriş (Introduction to Civil Aviation) (3 credits) This course focuses on civil aviation activities. Course, civil aviation activities, services and equipment, and covers aviation management issues. The main objective of the course is to determine the big picture of the students, civil aviation and civil aviation activities is to learn about the concept and management. *(This course is given in Turkish)*

SHU103 Yolcu Hizmetleri (Passenger Services) (3 credits) The aim of this course; to inform the students about passenger services and terminal management, teaching students of aviation terminology. *(This course is given in Turkish)*

İŞL151 İşletmeye Giriş (Introduction to Business) (3 credits) The aim of this course; business concept, business organizations, classification, functions, explained to the students of the investment and feasibility study aimed to teach basic business knowledge and terminology. *(This course is given in Turkish)*

ATA101 Atatürk İlkeleri ve İnkılâp Tarihi I (History of Turkish Revolution I) (2 credits) (See General Education)

KYP001 Kariyer ve Yaşam Programı (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish)*

SHU108 Havacılık Terminolojisi (Aviation Terminology) (3 credits) This course aims to make the correct terminology in the aviation sector, usage, necessary documents and forms; To teach using international abbreviations fill. Necessary to understand phonetic alphabet, learning material that is able to gain the knowledge and skills to use. *(This course is given in Turkish)*

SHU104 Sivil Havacılık Kuralları (Civil Air Regulations) (3 credits) The aim of this course, students information about air law conventions and organizations related to the issuance, passenger rights, explaining the carrier's liability and the operator's responsibility. Students will be informed about the conventions and organizations related to air law. *(This course is given in Turkish)*

SHU110 Meteoroloji (Meteorology) (3 credits) The purpose of this course is to explain concepts and meteorological meteorological events that occur in the atmosphere. Explain meteorological reports and documents used in aviation. *(This course is given in Turkish)*

İKT151 İktisada Giriş (Introduction to Economics) (3 credits) The purpose of this course is to prepare students to work in a competitive business world. The students are given the initial knowledge of economics;the economic tools to identify the daily events and criticize the problems.When the tools are fully defined,the students are expected to schematize with the solutions. *(This course is given in Turkish)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution II) (2 credits) (*See General Education*)

SHU201 Havayolu Yönetimi (Airline Management) (3 credits) The aim of this course, airline management decision processes, gives the opportunity to study with economic issues and operational planning models and decision support tools. Economic model of demand, pricing, costs the airline market and network to supply applications are highlighted. In addition, industry practices, and developing methods of fleet planning, route network design, scheduling, pricing and revenue management are examined. The interactions between the airline management components with the competitive environment in the profit targets are highlighted. (*This course is given in Turkish*)

SHU203 Hava Trafik Kuralları ve Hizmeti (Air Traffic Regulations and Services) (3 credits) The aim of this course is to explain all the general principles related to air traffic rules in the civil aviation sector. In addition, on a weekly basis is to the students of all regulations regarding air traffic services. (*This course is given in Turkish*)

SHU205 Tehlikeli Maddeler (Dangerous Goods) (3 credits) The aim of this course; To evaluate the philosophy of the hazardous materials regulations to explain the dangerous substances regulations, hazardous materials regulations to implement correctly. (*This course is given in Turkish*)

TRD101 Türk Dili I (Turkish Language I) (2 credits) (*See General Education*)

SHU202 Emniyet Yönetim Sistemi (Safety Management System (SMS)) (3 credits) This course offers an effective aviation security program with an overview of the psychological problems that should be tackled in order to apply. At the end of this course, students will have to define security problems associated with the management of aviation resource skills. In addition, the design concept of management is not linked to the flight of the aviation industry and will have the ability to learn. This, as well as accident and incident investigation will be able to be able to determine the cause of possible factors. (*This course is given in Turkish*)

SHU204 Yer Hizmetleri Yönetimi (Ground Handling Management) (3 credits) The aim is to transfer all kinds of information management services to the students about the place. All the rules on the place of management services on a weekly basis, will be informed about the procedures and regulations. (*This course is given in Turkish*)

SHU206 İş Hukuku (Business Law) (3 credits) The aim of the work out why that occurs in the historical development of the law, explaining the unique qualities of labor law is the basis of its relationship with other branches of law within the framework of labor law is to gain the ability to interpret principles. Following the developments in labor legislation flexible types of work within the scope of the 4857 Act, the basic concepts of business law, economic, and provides information about changes in social and technological developments resulting from labor law. (*This course is given in Turkish*)

TRD102 Türk Dili II (Turkish Language II) (2 credits) (*See General Education*)

SHU301 Hava Kargo Taşımacılığı (Air Cargo Transportation) (3 credits) The aim of the strategic air cargo, is to focus on tactical and operational issues. The air cargo industry is defined. Rules on air

cargo transportation and legislators are informed about the organization, structure and economics of the airline's management are discussed. In addition, air cargo will be examined in administrative terms. *(This course is given in Turkish)*

PLT321 Kütle Ve Denge (Mass and Balance) (3 credits) The aim of this course; Installing the air, analyze and understand the delicate relationship between load and balance the plane. From the air, climbing, describes the maximum mass-balance relationship to hold off and landing. *(This course is given in Turkish)*

LOJ309 Tedarik Zinciri Yönetimi (Supply Chain Management) (3 credits) The aim is to examine the planning functions of logistics management and supply chain activities. The analysis of design decisions made under uncertainty. Understanding how the supply chain will be formulated anlaşılması.tedarik importance of the chain of production and distribution decisions in mathematical programming methods of modeling problems. *(This course is given in Turkish)*

PLT201 Hava Hukuku (Air Law) (3 credits) The purpose of this course is to contracts related to air law and to inform the students about the organization, passenger rights, explaining the carrier's liability and the operator's responsibility. *(This course is given in Turkish)*

SHU302 Havaalanı Yönetimi (Airport Management) (3 credits) The aim of this course, airline management decision processes, gives the opportunity to study with economic issues and operational planning models and decision support tools. Economic model of demand, pricing, costs the airline market and network to supply applications are highlighted. In addition, industry practices, and developing methods of fleet planning, route network design, scheduling, pricing and revenue management are examined. The interactions between the airline management components with the competitive environment in the profit targets are highlighted. *(This course is given in Turkish)*

SHU401 Havayolu Filo Planlama (Airline Fleet Planning) (3 credits) The aim of this course, as well as an overall assessment to be made about airline scheduling procedures with regard to airline fleet planning process includes what is going on. During this course, students choosing the appropriate airline on the aircraft and the aircraft can be made for manic schedule will be followed on the steps necessary steps for what's going on. During the course will be built on a detailed analysis of private planes, but airline scheduling, especially in terms of the complexity of management decisions, the effect on the entire system of fleet planning techniques will be discussed. *(This course is given in Turkish)*

SHU403 Uçuş Planlama ve İzleme (Flight Planning and Monitoring) (3 credits) The aim of this course; the flight plan is filled, it should be in the flight plan information, how to teach a method is a method for monitoring how safe flight during the flight that followed. *(This course is given in Turkish)*

PSI105 Davranış Bilimleri (Behavioral Sciences) (3 credits) Behavioral Sciences psychological and sociological aspects of human behavior, the aim of the course, interpersonal interaction in small groups and work life issues such as the effects of these features is to be examined. *(This course is given in Turkish)*

SHU402 Havacılık Güvenliği (Aviation Security) (3 credits) This course aims to students is to be able to explain basic concepts related to aviation safety. It is to clarify regulations on aviation security. *(This course is given in Turkish)*

PLT423 Havacılık İngilizcesi (Aviation English) (3 credits) The purpose of this course is to intend for pre-intermediate level students. Its aim is to improve students' listening and speaking skills. Students learn new vocabulary, expressions and ideas related to the topic of each unit. *(This course is given in Turkish)*

SHU404 Mezuniyet Projesi (Graduation Project) (1 credit) The purpose of this course, the synthesis related to the construction of the project to the students and information about how to do business is to show how it is used. Literature studies and students how to do research is described in detail. *(This course is given in Turkish)*

Flight Training (Pilotage)

About the Program

The Flight Training department was found as an undergraduate program in the School of Applied Science, Okan University. The department trains aviators and pilots who are dynamic and quick-witted with their foreign language speaking abilities and are able to fly anywhere around the world, thus having the chance to have the profession of the future in the developing industry of aviation. Thanks to our qualified academic staff, innovative education understanding and our industrial collaborations, the students who enroll in the program will make a difference in this area; namely, they will be the best pilots and aviators adopting aviation notion.

Advantages of the Flight Training Department in Okan University;

- Experienced Academic Staff,
- Dynamic Programs which are open to changes and developments in the industry,
- Exchange program agreements with internationally connected flight schools.
- Theoretical and practical knowledge about flight as well as research based education understanding,
- Applied education in accordance with Information Technologies,
- The medium of instruction is English and opportunities for additional second foreign language education,
- Cultural and social interaction opportunity with foreign students,

Okan University which gives education in order to meet the needs of industry with the vision of “the university closest to business life” is cooperating with one of the industry leaders Atlasjet. In scope of this cooperation, flight training courses are taught to our students by Atlasjet Atlantic Flight Academy (AFA) in tune with our theoretical courses at Okan University. Additionally, FNTF-II/ MCC Flight Training Simulation in AFA provides the students with the opportunity of application of the training of program in a comprehensive sense. Flight training operations in AFA is held in the Çorlu Airport, Tekirdağ. Following the SOLO flights of our students, their PIC (Pilot in Charge) flights are done in Edremit Gulf, Yenişehir or Isparta Süleyman Demirel Airport.

Objectives

During the four year applied education, our students are fully prepared for “ATPL (A) Pilot License” which is issued by General Directorate of Civil Aviation. In addition to 14 main courses which correspond to more than 780 hours of in-class education, the students are given more than 215 hours of flight education in this department.

The total credits required for the satisfactory completion of the curriculum are 159 credits.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
PHYS111	Physics I	Yes	Yes	3 + 0	3
MATH103	Applied Mathematics	Yes	Yes	3 + 0	3
FT103	Introduction to Civil Aviation	Yes	Yes	3+ 0	3
TRD101	Turkish Language I	Yes	Yes	2 + 0	2
ATA101	History of Turkish Revolution I	Yes	Yes	2+ 0	2
FT101	Introduction to Flight Training	Yes	Yes	2+0	2
SECGNL1YY	Elective Foreign Language II/ Faculty Elective/ University Elective	Yes	Yes	2+2	3
CLP001	Career and Life Planning	Yes	Yes	0+2	1

[+] 1st Semester Elective Course List

Total	19
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2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
PHYS112	Physics II	Yes	Yes	3 + 0	3
FT102	Introduction to Aerodynamics	Yes	Yes	3 + 0	3
TRD102	Turkish Language II	Yes	Yes	2+ 0	2
ATA102	History of Turkish Revolution II	Yes	Yes	2 + 0	2
SECGNL2YY	Elective Foreign Language II/ Faculty Elective/ University Elective	Yes	Yes	2+ 2	3
SECBOL2YY	Departmental Elective Course	No	Yes	3+0	3
SECBOL2YY	Departmental Elective Course	No	Yes	3+0	3

[+] 2nd Semester Elective Course List

Total	19
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FT201	Air Law I	Yes	Yes	1 + 0	1
FT203	Aircraft General Knowledge I	Yes	Yes	2 + 0	2
FT205	Meteorology I	Yes	Yes	2 + 0	2
FT207	Flight Performance and Planning	Yes	Yes	2 + 0	2
FT209	Human Performance and Limits I	Yes	Yes	1 + 0	1
FT211	General Navigation I	Yes	Yes	3 + 0	3
FT213	Operational Procedures I	Yes	Yes	1 + 0	1
FT215	Communication I	Yes	Yes	1 + 0	1
FT217	Principles of Flight I	Yes	Yes	2 + 0	2
SECBOL3YY	Departmental Elective Course	No	Yes	3 + 0	3

[+] 3rd Semester Elective Course List

Total	18
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4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FT202	PPL Flight	Yes	Yes	1 + 6	4
FT204	Aircraft Technical Training	Yes	Yes	1 + 2	2
FT206	Simulator Training	Yes	Yes	1 + 4	3
FT208	Night Flight	Yes	Yes	1 + 4	3
FT210	PIC Flight I	Yes	Yes	1 + 4	3

[+] 4th Semester Elective Course List

Total	15
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5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FT303	Aircraft General Knowledge II - Airframe and Systems	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

FT319	Flight Instruments and Electronics	Yes	Yes	3 + 0	3
FT313	Operational Procedures II	Yes	Yes	2 + 0	2
FT307	Flight Performance	Yes	Yes	4 + 0	4
FT305	Meteorology II	Yes	Yes	6+ 0	6
FT309	Human Performance and Limits II	Yes	Yes	5+0	5
FT321	Mass and Balance	Yes	Yes	3+0	3
FT310	PIC Flight II	Yes	Yes	0+6	3

[+] 5th Semester Elective Course List

Total :	29
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6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FT301	Air Law II	Yes	Yes	4 + 0	4
FT317	Principles of Flight II	Yes	Yes	3 + 0	3
FT311	General Navigation II	Yes	Yes	6+0	6
FT304	Aircraft General Knowledge III - Powerplant	Yes	Yes	3 + 0	3
FT314	Flight Safety I	Yes	Yes	2+ 0	2
FT322	Flight Planning and Monitoring	Yes	Yes	3+0	3
FT312	PIC Flight III	Yes	Yes	0+6	3

[+] 6th Semester Elective Course List

Total	24
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7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FT414	Flight Safety II	Yes	Yes	3 + 0	3
FT423	IR (Instrument Rating)	Yes	Yes	4 + 0	4
FT425	IR Training (+ Simulator)	Yes	Yes	1+ 10	6
FT411	Radio Navigation	Yes	Yes	8+0	8
SECBOL7YY	Departmental Elective Course	No	Yes	3+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 7th Semester Elective Course List

Total	24
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8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FT416	Aviation English	Yes	Yes	2 + 0	2
FT415	Communication II	Yes	Yes	3+0	3
FT418	ME/IR Flight	Yes	Yes	0+4	2
FT420	CPL Flight	Yes	Yes	0+4	2
SECBOL8YY	Departmental Elective Course	No	Yes	2+0	0

[+] 8th Semester Elective Course List

Total	9
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Grand Total	159
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*C: Compulsory
 **A: Average
 *** L + P: Lecture + Practice

Course Descriptions

PHYS113 Physics I (4 credits) This is the first semester of a two-semester sequence of introductory physics for students with any major. This course uses an algebra-based mathematical representation. Topics include vectors, kinematics, Newton's laws of motion, work and energy, conservation of energy, linear momentum and its conservation, rotation of rigid bodies about a fixed axis and rotational kinetic energy

FT103 Introduction to Civil Aviation (3 credits) The purpose of this course is to focus on civil aviation activities. Course, civil aviation activities, services and equipment, and covers aviation management issues. The main objective of the course is to determine the big picture of civil aviation and civil aviation students is to learn about the concept and management.

ATA101 History of Turkish Revolution I (2 credits) (*See General Education*)

CLP001 Career and Life Planning (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. (*See General Education*)

TRD101 Turkish Language I (2 credits) (*See General Education*)

FT101 Introduction to Flight Training (2 credits) The purpose of this course is to prepare students to familiarize with the flight and piloting procedures and provide visual practices which will be needed during their actual flight training. The emphasis of this course will be on the preflight inspections, the effects of flight commands and the familiarization of cockpit . The effects of various air conditions on flight is also important

PHYS114 Physics II (4 credits) This is the second semester of a two-semester sequence of introductory physics for students with any major. This course uses an algebra-based mathematical representation. Topics include electricity, magnetism and electric circuits.

FT102 Introduction to Aerodynamics (3 credits) The purpose of this course is to learn flight training students this course is designed to prepare the students for further complex topics on aerodynamics. Starting with fundamental concepts and physical aspects of the air flow the topics covered are as follows: Standard atmosphere, aerodynamic forces and moments, flow types and governing equations, incompressible-compressible flows, laminar-turbulent flows, viscous flow, boundary layer concept and flow separation, wind tunnels and measurements, flow over airfoils, flow over wings, lift and drag.

ATA102 History of Turkish Revolution II (2 credits) (*See General Education*)

TRD102 Turkish Language II (2 credits) (*See General Education*)

FT105 Applied Mathematics (3 credits) This course aims to provide basic mathematical skills necessary for the computer programmers. Basic mathematical concepts, definitions and related

operations; algebraic concepts, definitions and related operations, basic formal methods and basic statistical concepts

FT201 Air Law I (1 credit) The purpose of this course is to contracts related to air law and to inform the students about the organization, passenger rights, explaining the carrier's liability and the operator's responsibility.

FT203 Aircraft General Knowledge I (2 credits) The purpose of this course is to learn flight training students in the private pilot license training phase. The main objective of this course is to introduce the students to the important organs of an aircraft. The topics covered are as follows: Airframe, hydraulics, landing gear, flight control, systems, electrics, piston engines, fuel, carburetor/injection system, air cooling systems, lubrication systems, ignition circuits, mixture, propellers, performance and engine handling, instrumentations.

FT205 Meteorology I (2 credits) The purpose of this course is to explain concepts and meteorological meteorological events that occur in the atmosphere. Explain meteorological reports and documents used in aviation.

FT209 Human Performance and Limits I (1 credit) The purpose of this course is to learn for recognize aviation in terms of human physiology and limits. Students of the risk factors associated with human physiology and potential negative effects of these moments.

FT211 General Navigation I (3 credits) The purpose of this course is to learn navigation systems, flight which used in that stage and for what purpose Disclosure. Location navigation systems and aircraft The functions of the navigation system on Disclosure.

FT213 Operational Procedures I (1 credit) The purpose of this course is to learn ICAO Annex 6 Part II and will know the requirements of JAR-OPS 1. Long Distance Flight will know the navigational requirements. Special operations will know the rules and dangers.

FT217 Principles of Flight I (2 credits) The purpose of this course is to learn for flight training students in the private pilot license training phase. The main objective of this course is to introduce the students to the important aspects of flight. The topics covered are as follows: Subsonic aerodynamics, aerodynamic forces for airfoil and wing, the two-dimensional airflow about an airfoil, the three-dimensional airflow around a wing and a fuselage, drag, stall, flaps, boundary layer, special circumstances, stability and control, limitations, propellers, flight mechanics.

FT301 Air Law II (4 credits) The purpose of this course is to contracts related to air law and to inform the students about the organization, passenger rights, explaining the carrier's liability and the operator's responsibility.

FT303 Aircraft General Knowledge II (3 credits) The purpose of this course is to learn flight training students in the private pilot license training phase. The main objective of this course is to introduce the students to the important organs of an aircraft. The topics covered are as follows: Airframe, hydraulics, landing gear, flight control, systems, electrics, piston engines, fuel, carburetor/injection system, air cooling systems, lubrication systems, ignition circuits, mixture, propellers, performance and engine handling, instrumentations.

FT305 Meteorology II (2 credits) The purpose of this course is to explain concepts and meteorological events that occur in the atmosphere. Explain meteorological reports and documents used in aviation.

FT309 Human Performance and Limits II (5 credits) The purpose of this course is to learn for recognize aviation in terms of human physiology and limits. Students of the risk factors associated with human physiology and potential negative effects of these moments.

FT311 General Navigation II (6 credits) The purpose of this course is to learn navigation systems, flight which used in that stage and for what purpose Disclosure. Location navigation systems and aircraft The functions of the navigation system on Disclosure

FT313 Operational Procedures II (2 credits) The purpose of this course is to learn ICAO Annex 6 Part II and will know the requirements of JAR-OPS 1. Long Distance Flight will know the navigational requirements. Special operations will know the rules and dangers.

FT314 Flight Safety I (2 credits) The purpose of this course is to offers an overview of an effective aviation security program in terms of the psychological problems that must be tackled in order to implement. At the end of this course, students will be able to define security problems associated with the management of aviation resource skills. In addition, the design concept of management is not linked to the flight of the aviation industry and will have the ability to learn. In addition, accident and incident investigation will be able to be able to determine the cause of possible factors.

FT317 Principles of Flight II (3 credits) The purpose of this course is to learn for flight training students in the private pilot license training phase. The main objective of this course is to introduce the students to the important aspects of flight. The topics covered are as follows: Subsonic aerodynamics, aerodynamic forces for airfoil and wing, the two-dimensional airflow about an airfoil, the three-dimensional airflow around a wing and a fuselage, drag, stall, flaps, boundary layer, special circumstances, stability and control, limitations, propellers, flight mechanics.

FT321 Mass and Balance (3 credits) The aim of this course; Installing the air, analyze and understand the delicate relationship between load and balance the plane. From the air, climbing, describes the maximum mass-balance relationship to hold off and landing.

FT322 Flight Planning and Monitoring (3 credits) The aim of this course; the flight plan is filled, it should be in the flight plan information, how to teach a method that monitored how a method for safe flight during the flight that followed.

FT414 Flight Safety II (3 credits) The purpose of this course is to offers an overview of an effective aviation security program in terms of the psychological problems that must be tackled in order to implement. At the end of this course, students will be able to define security problems associated with the management of aviation resource skills. In addition, the design concept of management is not linked to the flight of the aviation industry and will have the ability to learn. In addition, accident and incident investigation will be able to be able to determine the cause of possible factors.

FT416 Aviation English (2 credits) The purpose of this course is to intend for pre-intermediate level students. Its aim is to improve students' listening and speaking skills. Students learn new vocabulary, expressions and ideas related to the topic of each unit.

Gastronomy (Turkish)

About Program

Our four year program aims at preparing you for a challenging and rewarding career in gastronomy. Our mission is to allow you to master the knowledge, skills and experiences needed to be successful in your field. The four year program developed by our department is based on four major principles:

- Courses on the fundamental concepts of corporate life such as accounting, business administration, law.
- Courses on the various aspects of cooking
- Workshops to develop practical skills and internships that will prepare students for the work place.
- Courses that allow students to learn a second foreign language of their choice such as French/Russian/Chinese/Arabic/German.

Students can apply for a double major or a minor program and may also study abroad within the framework of Erasmus programs. To prepare students for the real working world, to allow them to gain valuable work experience and to provide a practical foundation for the career of their choice internships have been developed.

Objectives

The Gastronomy Program aims at balancing creativity with practical know-how, scientific understanding and integrated managerial skills and offers students the opportunity to become a well-rounded culinary professional in food-related businesses. Internships at places such as Cercled'orient (BüyükKülüp), Çırağan Kempinski hotel, Divan Otels and restaurants, Four Seasons, Marriot Hotels, and Mia Pera Hotel are available alongside certificate programs conducted with the Center for Continuing Education for those wishing to gain more expertise in hotels and restaurants.

The total credits required for the satisfactory completion of the curriculum are 130 credits. The program additionally requires two internship enduring 60 work days in summer at the end of thesecondyearandthirdyear. Intern Gastronomy that shows student abilities on business life is mandatory course at the last semester.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
GST105	Gastronominin Temel İlkeleri	Yes	Yes	2 + 0	2
GST109	Gıda Güvenliği, Hijyen ve Sanitasyonu	Yes	Yes	2 + 0	2
GST111	Gastronomide Gıda Bilimi	Yes	Yes	3 + 0	3
GST113	Yönetim ve Organizasyon	Yes	Yes	2 + 0	2
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0 + 2	1
SECGNL1YY	Seçmeli Yabancı Dil/ Üniversite	No	Yes		3

[+] 1st Semester Elective Course List

Total					17
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2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
ATA102	Atatürk İlkeleri ve İnkılap Tarihi	Yes	Yes	2 + 0	2
GST108	Mutfak Teknikleri I	Yes	Yes	2 + 2	3
GST110	Beslenme ve Diyet	Yes	Yes	3 + 0	3
GST112	Genel Sağlık Bilgisi ve İlk Yardım	Yes	Yes	2 + 0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

GST114	Gastronomi için Matematik	Yes	Yes	2 + 0	2
GST118	Gastronomide Temel Sanat Eğitimi	Yes	Yes	2 + 0	2
SECGNL2YY	Seçmeli Yabancı Dil / Üniversite	No	Yes		3

[+] 2nd Semester Elective Course List

Total :					19
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3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GST207	Mutfak Teknikleri II	Yes	Yes	2 + 2	3
GST209	Gastronomi ve Yiyecek Tarihi	Yes	Yes	3 + 0	3
GST213	Fırıncılık	Yes	Yes	2 + 2	3
GST219	Yöresel Mutfak I (Ege + Akdeniz)	Yes	Yes	2 + 2	3
GST221	Gastronomide Satış ve Pazarlama	Yes	Yes	2 + 0	2
SECGNL3YY	Seçmeli Yabancı Dil / Üniversite	No	Yes		3

[+] 3rd Semester Elective Course List

Total					17
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4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GST214	Mutfak Teknikleri 3	Yes	Yes	2 + 2	3
GST228	Türk Mutfak Tarihi	Yes	Yes	3 + 0	3
GST234	Pasta ve Tatlı Teknikleri	Yes	Yes	2 + 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

GST226	İş Sağlığı ve Güvenliği	Yes	Yes	2 + 0	2
GST236	Yöresel Mutfak 2 (İç Anadolu + Karadeniz)	Yes	Yes	2 + 2	3
STJ001	Staj I (60 gün)	Yes	No	0 + 0	0
SECGNL4YY	Seçmeli Yabancı Dil / Üniversite	No	Yes		3

[+] 4. Semester Elective Course List

Total					17
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5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GST317	Yöresel Mutfak 3 (Doğu + Güneydoğu)	Yes	Yes	3 + 2	3
GST301	Yiyecek İçecek Yönetimi	Yes	Yes	3 + 0	3
GST315	Şarap Bilimi	Yes	Yes	2 + 0	2
GST319	Gastronomi, Kültür ve Toplum	Yes	Yes	2 + 0	2
SECGNL5YY	Seçmeli Yabancı Dil / Bölüm / Yüksekokul / Üniversite	No	Yes		3
SECBOL5YY	Seçmeli Bölüm	No	Yes		3

[+] 5th Semester Elective Course List

Total					16
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6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GST322	Yöresel Mutfak 4 (Marmara + İstanbul + Osmanlı)	Yes	Yes	2 + 2	3
GST326	İçecekler ve Miksoloji	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

GST318	İleri Pastacılık Teknikleri	Yes	Yes	2 + 2	3
STJ002	Staj 2 (60 gün)	Yes	No	0 + 0	0
SECBOL6YY	Seçmeli Bölüm	No	Yes		3
SECGNL6YY	Seçmeli Yabancı Dil / Bölüm / Yüksekokul	No	Yes		3

[+] 6th Semester Elective Course List

Total	15
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7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GST431	Gıda Mevzuatı ve İş Hukuku	Yes	Yes	2 + 0	2
GST411	Fransız Mutfağı ve Teknikleri	Yes	Yes	2 + 2	3
GST405	Mutfak ve Restoran Yerleşimi ve Düzeni	Yes	Yes	2 + 0	2
GST419	Örgütsel Davranış	Yes	Yes	3 + 0	3
SECGNL7YY	Seçmeli Yabancı Dil / Bölüm / Yüksekokul/ Üniversite	No	Yes		3
SECBOL7YY	Seçmeli Bölüm	No	Yes		2

[+] 7th Semester Elective Course List

Total	15
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8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
GST412	Yiyecek İçecek Maliyet Kontrolü	Yes	Yes	3 + 0	3
GST404	Dünya Mutfakları	Yes	Yes	2 + 2	3
GST416	Intern Gastronomi	Yes	Yes	4 + 8	8

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 8th Semester Elective Course List

Total	14
Grand Total	130

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Course Descriptions

GST109 Gıda Güvenliği, Hijyen ve Sanitasyonu (Food Safety, Hygiene and Sanitation) (2 credits)

Today, there is growing interest in quality, healthy and safe food production. This situation has attracted the attention of food and beverage businesses. Also, in recent years food and beverages producers have been forced to set up their food safety practices in the workplace due to legal obligations. The implementation of scientific and systematic quality and sanitation programs in the food and beverage business is a prerequisite for ensuring a healthy production. The course of Food Safety, Hygiene and Sanitation aims to train students in this area and to evaluate in food sector. *(This course is given in Turkish)*

GST111 Gastronomide Gıda Bilimi (Food Science in Gastronomy) (3 credits)

Food Science in Gastronomy Course has been prepared to explain the structural characteristics of the food and the changes occurring in foods and ingredients. The course covers important food components which are water, carbohydrates, proteins, vitamins and enzymes. *(This course is given in Turkish)*

GST113 Yönetim ve Organizasyon (Management and Organization) (2 credits)

This course will explain management which is one of the basic management functions. The course identifies conceptual foundations of management and contemporary developments in this subject. Moreover, students will recognize modern management approaches and techniques. By focusing on management of food and beverage operation students will visualize the issues facing food and beverage managers now, and in the future. *(This course is given in Turkish)*

GST108 Mutfak Teknikleri I (Culinary Techniques I) (3 credits)

The course aims to teach the basic functions of the professional kitchen applications with the help of theoretical and practical knowledge. Moreover, during 14 weeks general hygiene approach is given. This course gives the students the ability of following the recipe and offering properly. Kitchen Techniques I Course provides information to students how they should use basic kitchen equipment and materials such as knife-use, safe working in the kitchen, sanitation and hygiene. Also, knowledge of preparation, production and cooking process is transferred. *(This course is given in Turkish)*

GST110 Beslenme ve Diyet (Nutrition and Diet) (3 credits)

The purpose of this course is to teach the role of nutrition of the foods which they use in the kitchen. One of the main ideas of the art of kitchen is nutrition and dietetics. Nutritional compounds, basic nutrition rules and balance of menu are covered in this course. The aim of the course is to establish the relationship between nutrients and energy and then understand the nutritional needs of people with different ages, gender and working conditions. *(This course is given in Turkish)*

GST112 Genel Sağlık Bilgisi ve İlk Yardım (General Health Information and First Aid) (2 credits)

The course involves the definition and importance of public health information, the rules of a secure environment, kitchen accidents (burns and scalds them, falls, cuts, electric shock) and security measures, rules of hygiene to be aware of by kitchen staff. The aim of the course is to teach the importance of basic principles of first aid. Students are trained in the particular issues and measures in the kitchen. *(This course is given in Turkish)*

GST114 Gastronomi için Matematik (Mathematics for Gastronomy) (2 credits)

This course aims to provide basic mathematical skills necessary for the computer programmers. Basic mathematical concepts, definitions and related operations; algebraic concepts, definitions and related operations, basic formal methods and basic statistical concepts are discussed. *(This course is given in Turkish)*

GST118 Gastronomide Temel Sanat Eğitimi (Basic Art Education in Gastronomy) (2 credits) This course aims to inform the relationship between the media and popular culture in contemporary society with a critical point of view. The course give information about popular culture / mass culture, decisive means and effects of mass communication in the world and in Turkey, media and society relationship, hegemony, feminism and colonial concepts. *(This course is given in Turkish)*

GST207 Mutfak Teknikleri II (Kitchen Techniques II) (3 credits) The course aims to teach the basic functions of the professional kitchen applications with the help of theoretical and practical knowledge. Moreover, during 14 weeks general hygiene approach is given. This course gives the students the ability of following the recipe and offering properly. Kitchen Techniques I Course provides information to students how they should use basic kitchen equipment and materials such as knife-use, safe working in the kitchen, sanitation and hygiene. This course is a continuation of the lessons of Kitchen Techniques I. In addition, basic techniques used in making olive oil, cold kitchen, salads, hors d'oeuvres, pate, terrine teach students. And it is expected from students make these foods in practice. Moreover, information faced during production process is transferred. *(This course is given in Turkish)*

GST209 Gastronomi ve Yiyecek Tarihi (Gastronomy and Food History) (2 credits) Course aims to tell the story of man's relationship with food from earliest times to the present day by taking seriously the idea that food matters, and that the many aspects of eating - table fellowship, culinary traditions, and the aesthetic, ethical and political dimensions of food - are important and complex, and throw light on our relationship to food. *(This course is given in Turkish)*

GST219 Yöresel Mutfak I (Ege ve Akdeniz) (Regional Cuisine I) (Aegean and Mediterranean) (3 credits) Aegean and Mediterranean Region of Turkey have geographical, climatic and agricultural features. So, the course identify cultural heritage of our two regions, as well as to introduce students to the cultural richness of our sample came to the fore doing the dishes in the kitchen. Selected dishes of Aegean and Mediterranean dishes will be produced by students by their own. The course explain these dishes by focusing on indigenous climate, food, cooking techniques, migration, examining the structure of migration features which provide the knowledge and belief in their culture that gave birth to these dishes. *(This course is given in Turkish)*

GST221 Gastronomide Satış ve Pazarlama (Sales and Marketing in Gastronomy) (2 credits) The aim of the course is enter the area by following the steps of the marketing plan in accordance with the basic principles of marketing (market research, market segmentation, identifying target markets, positioning, integrated marketing communications, etc.). Marketing concepts and methods will be implemented according to the needs of the sector. Besides giving basic marketing information, current marketing approaches and practices in the industry are also subject of this course. *(This course is given in Turkish)*

GST214 Mutfak Teknikleri III (Kitchen Techniques III) (3 credits) The course aims to teach the basic functions of the professional kitchen applications with the help of theoretical and practical knowledge. Moreover, during 14 weeks general hygiene approach is given. This course gives the students the ability of following the recipe and offering properly. Kitchen Techniques I Course provides information to students how they should use basic kitchen equipment and materials such as knife-use, safe working in the kitchen, sanitation and hygiene. Also, knowledge of preparation, production and cooking process is transferred. *(This course is given in Turkish)*

GST228 Türk Mutfak Tarihi (Turkish Cuisine History) (3 credits) This course is designed for gastronomy students to describe Turkish nutrition habits and by the way make them to identify the importance of cuisine in Turkish culture. It also aims to explain meals and ingredients in Turkish cuisine by making practices. *(This course is given in Turkish)*

GST226 İş Sağlığı ve Güvenliği (Workplace Safety and Security) (2 credits) According to International labor Organization ILO 2% of work-related accidents are not able to prevent but 98% of accidents are to be avoided if possible. Determining the source of danger at work in this direction and controlling the risks will greatly reduce the occupational accident. According to the survey the majority of work accidents are caused by ignorance and illiteracy. The purpose of this course is to provide occupational health and safety in the training of students of gastronomy field. So, our graduates can predict the risk which they may face in the workplace and take action before an accident will happen. *(This course is given in Turkish)*

GST236 Yöresel Mutfak II (İç Anadolu ve Karadeniz) (Local Cuisine II) (Central Anatolia and Black Sea) (3 credits) The course aims to teach the basic functions of the professional kitchen applications with the help of theoretical and practical knowledge. Moreover, during 14 weeks general hygiene approach is given. This course gives the students the ability of following the recipe and offering properly. Local Cuisine II course is designed for gastronomy students to explain the importance of regional cuisine in Turkey and show in practice. Students need to know the examples of Turkish Cuisine to be a successful chef. So, they should learn Turkish Cuisine cooking techniques, materials, spices and the intricacies of kebab. *(This course is given in Turkish)*

GST301 Yiyecek İçecek Yönetimi (Food and Beverage Management) The purpose of the course is to provide students information that one will need at each stage of food and beverage management. Food and beverage management course enables students not only learn management but also learn decorative features and tools in workplace. Course content is prepared for student to look at many aspects of pre-service and cuisine in business and to solve different problems. In addition to these important issues, students will also have information on the menu planning, cost accounting and marketing. *(This course is given in Turkish)*

GST315 Şarap Bilimi (Wine Science) (2 credits) This course designed to prepare students to identify wine, wine types, leading wine producing countries and wine production methods. This course will show sensory analysis and tasting techniques. Through chapters and readings we will describe wine history, show wine tasting methods, and compare white, red, rose and other types of wines. During the lectures, students will identify wine errors and disturbances. Moreover, the students will define good quality wine grapes and wines produced in Turkey and in the world. *(This course is given in Turkish)*

GST319 Gastronomi ,Kültür ve Toplum (Gastronomy, Culture and Society) (2 credits) The course explains people's culinary identity, how cuisine is located within specific social, political and economic circumstances. Moreover, the students will identify how we have been shaped by our relationship with food, both physically and socially and set the scene for exploring how we culturally construct ideas of edibility and assign meaning and value to food. *(This course is given in Turkish)*

GST322 Yöresel Mutfak 4 (Marmara ve İstanbul ve Osmanlı) (Culinary Cuisine 4) (Marmara and Istanbul and Ottoman) (3 credits) The aim of the course is to identify geographical, climatic and agricultural richness of our culture and examine the different features of Marmara. Moreover, the course promotes the richness of our culture by having students actually come forward with their meals in the kitchen. The Ottoman palace kitchens, which have taken place in our region came back to life today with

features will refine in accordance with our table this day habit. Selected dishes of Marmara, Istanbul and Ottoman dishes will be produced by students by their own. The course explain these dishes by focusing on indigenous climate, food, cooking techniques, migration, examining the structure of migration features which provide the knowledge and belief in their culture that gave birth to these dishes. *(This course is given in Turkish)*

GST326 İçecekler ve Miksoloji (Beverages and Mixology) (3 credits) The course of Drinks and Mixology aims that the students work in a more conscious way and understand the importance of their work. In addition, the students will understand the past and the future trends of beverages and mixology. So, they will be able to move this profession to a higher level in Turkey. *(This course is given in Turkish)*

GST431 Gıda Mevzuatı ve İş Hukuku (Food Legislation and Labor Law) (2 credits) The subject of the course is to understand the importance of acting in accordance with the law and professional ethics in every stage of food production. Also, the course aims to establish the concept of legal responsibility, examine the laws and regulations according to the basic law of the legislation specific to the field of food. And the course is explained with application examples. The course involves the basic legislation and regulations of opening new workplace, worker, alcohol regulations, labor laws and employer rights in food and beverage sector. *(This course is given in Turkish)*

GST405 Mutfak ve Restoran Yerleşimi ve Düzeni (Kitchen and Restaurant Design) (2 credits) The course subject is to explain food production and service systems and distinguish the unique needs and limitations of each system. With this information the course aims to teach the planning of the kitchen and restaurant and the basic rules of making the framework design. *(This course is given in Turkish)*

GST419 Örgütsel Davranış (Organizational Behavior) (3 credits) This course is concerned with human behavior in the organizations. Human behavior is discussed in size of individuals, between individuals, between groups and organizations. The course aims to develop students' interpersonal skills to be a successful manager in the company. So, the course involves topics such as personality traits, perceptions and attitudes, motivation, communication, teamwork, leadership. First of all, to show the close relationship between management psychology and management science, process of management in history, classics, neo-classical and modern approaches will be discussed. The behaviors of individuals are discussed individual size, then interpersonal size and the latest organizational and system size. The individual size is related to issues such as perception and attribution, beliefs and attitudes, personality traits, emotional intelligence, motivation, morale. The interpersonal size focus on issues such as relationships, group behavior, teams, communication, leadership, power and politics, discipline, conflict and reconciliation. The organization size gives information about organizational culture, organizational change, stress, absenteeism, physical problems of the business environment, and problems of monotony. *(This course is given in Turkish)*

GST412 Yiyecek- İçecek Maliyet Kontrolü (Food and Beverage Cost Control) (3 credits) The course involves cost controls, standardized data about prescriptions and cost estimates. Economics initiatives such as restaurant, cafe bar, or any kind of food and beverage business want to achieve profits. Among other major expenses kitchen cost is important and a good chef is expected to cost menu. 4 basic operation of mathematics and calculation of the menu cost are explained. Issues to be considered in the purchase, recipe costing, and recipe conversion are also topics of this course. *(This course is given in Turkish)*

GST404 Dünya Mutfakları (World Cuisine) (3 credits) The course subject is International cuisine of materials, preparation and service capabilities. The course is aimed the student to improve both cultural and practical knowledge and skills. Students will understand with this course that climate, geography, culture, and even belief systems create what kind of differences in international cuisine. Both a variety of materials and different cooking techniques provide students taste different tastes. *(This course is given in Turkish)*

GST416 Intern Gastronomi (Intern Gastronomy) (8 credits) This course is a course conducted in cooperation with the university's Career Center. The students who take this course train practically in a food and beverage company. Students will have the opportunity to convert the theoretical and practical knowledge gained during the courses to real life in food and beverage company. Students receive orientation in all units of a food and beverage business and participate in all the activities carried out in the unit. Students participate in all units of the planned program such as welcome, service, bar / barista, kitchen, bakery, catering, scullery, warehouses, accounting, sales, public relations, human resources, R & D. This training should not be less than 600 hours. The faculty advisor monitors student performance, student attendance and employer responsibilities periodically. There will be changes in the program if it is necessary. At the end of the course, students will prepare a report for both faculty and university' Career Center. *(This course is given in Turkish)*

ELECTIVES

GST151 Fransızca I (French I) (3 credits) The aim of this course is to give students an adequate level of communication skills for meeting the needs of social dialogue and concrete. This course and GST152 together involve A1 level of DELF and DILF.*(This course is given in Turkish)*

GST152 Fransızca II (French II) (3 credits) The aim of this course is to give students an adequate level of communication skills for meeting the needs of social dialogue and concrete. This course and GST151 together involve A1 level of DELF and DILF.*(This course is given in Turkish)*

GST355 Yemek Stilistiği ve Fotoğrafçılık (Food Styling and Photography) (3 credits) The course aims to examine the design of food and beverage visuals used in the advertisement industry, preparation, productions and their color, form, texture, movement and balance in an aesthetic values of day basis. The course involves food and beverage presentations, visual effects, accessories, crockery and construction of them according to their composition and media requirement. This preparation then moved to the photo shoot set. Course is combined with basic photography techniques and optical rules such as shots, techniques and procedures after the shooting, camera, lens and the others. The course involves the function of the stylist course meal, study areas, features, photo shooting techniques, composition and promotion of the sector expectations both theoretically and practically.*(This course is given in Turkish)*

GST351 Pişirmenin Bilimi (Science of Cooking) (3 credits) This course involves performing experiments on many foods such as meat and dairy products, eggs, fruits and vegetables, sugars, fats, emulsions. It is aimed that students learn the changes occurring in food during preparation of food by observing the experiments. Students should prepare a report. So that, students conduct research in preparing the report and learn how to prepare a report in a scientific way. *(This course is given in Turkish)*

GST356 Yemek ve Mitoloji (Food and Mythology) (3 credits) In this course, legends and belief related to foods and beverages in mythology of Sumerian, Babylonian, Egyptian, Near Eastern, Greek,

Roman, Viking, Indian, China and other geographies are discussed. Myths related to food and beverage items such as Bread, wine, beer, blood, olive, pomegranate, honey, nectar, apple, milk, berries, mushrooms, pork, sacrifice, rice, are discussed through their depictions of oral and written literature and art. *(This course is given in Turkish)*

GST360 İnsan Kaynakları Yönetimi (Human Resources Management) (3 credits) The aim of the course is to understand the techniques of effective human resources management in the business environment in the organization. In this context, organizations and systems in the human function of human resource management, evaluation procedures and the scope of activities within the framework of ethical practices in areas such as management of employees during the function will be better understood. Strategic human resource management, globalization, performance evaluation, training, motivation of employees, compensation techniques, change management and flexibility issues will be addressed within the scope of the course. *(This course is given in Turkish)*

KYP001 Kariyer ve Yaşam Programı (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish)*

Logistics and Transportation Management (Turkish)

About Program

Logistics is a rapidly evolving industry and the shining star of the world and our country. Given Turkey's geopolitical advantages, it is also an important source of employment and national income. What is important in the Logistics sector is to take the right decisions at the right times. To be able to this, one has to learn the scientific foundations of Logistics.

Logistics Professionals should have the fundamental knowledge and skills in;

- Business
- Logistics
- Management

In addition,

- Process Management,
- Strategic and Analytical Thinking,
- Planned Work and Follow-up,
- Customer-focused,
- Self-learning,
- Continuous Self-development,
- Use of Information Technology,
- Foreign Language,
- Communication and Teamwork,

are the required qualities.

Education and training in the department has been designed and practiced in line with these criteria.

Objectives

International Logistics Department aims to prepare the students who have ability, knowledge, skills and competencies to succeed in both domestic and international logistics areas in today's technological and global business environment that logistics play a vital role.

The total credits required for the satisfactory completion of the curriculum are 120 credits. The program additionally requires one internship each enduring 20 work days.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
	Seçmeli Yabancı Dil Dersi	Yes	Yes	2+2	3
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
ISL111	Matematik-I	Yes	Yes	3 + 0	3
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
IKT103	İktisada Giriş I	Yes	Yes	3 + 0	3
ISL103	İşletmeye Giriş/Temel İşletme	Yes	Yes	3+0	3
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0 + 2	1

[+] 1st Semester Elective Course List

Total :	17
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2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Seçmeli Yabancı Dil Dersi	Yes	Yes	2+2	3
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
ISL112	Matematik II	Yes	Yes	3 + 0	3
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
IKT104	İktisada Giriş II	Yes	Yes	3 + 0	3
ISL104	Yönetim ve Organizasyona Giriş	Yes	Yes	3+0	3
STJ001	Staj	Yes	No	0 + 0	0

[+] 2nd Semester Elective Course List

Total	16
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3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
BLG151	Bilgisayara Giriş	Yes	Yes	3 + 0	3
ISL211	İstatistik I	Yes	Yes	3 + 0	3
LOJ209	Lojistik ve Taşımacılık Mevzuatı	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

LOT201	Karayolu Tařımacılıęı	Yes	Yes	3 + 0	3
	Seęmeli I (Üniversite/Teknik/Yabancı Dil)	Yes	Yes	3+0	3
Total :					15

[+] 3rd Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
FIN251	Finansal Muhasebe	Yes	Yes	3+0	3
HUK181	Hukukun Temelleri	Yes	Yes	3+0	3
ISL213	İřletmelerde İletişim ve Etik	Yes	Yes	3+0	3
TIC203	Uluslararası Ticaret	Yes	Yes	3+0	3
UI101	Siyaset Bilimine Giriř	Yes	Yes	3+0	3

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ISL220	Giriřimcilik	Yes	Yes	2 + 2	3
LOT202	Lojistikte Sayısal Yöntemler	Yes	Yes	3 + 0	3
LOT203	Depolama ve Stok Yönetimi	Yes	Yes	3+0	3
LOT213	Denizyolu Tařımacılıęı	Yes	Yes	3+0	3
	Seęmeli II (Üniversite/Teknik/Yabancı Dil)	Yes	Yes	3+0	3
Total :					15

[+] 4th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
FIN252	Yönetim Muhasebesi	Yes	Yes	3+0	3
HUK384	Ticaret Hukukunun Temelleri	Yes	Yes	3+0	3
ISL206	İnsan Kaynakları Yönetimi	Yes	Yes	3+0	3
SAG102	Saęlık ve Yařam	Yes	Yes	3+0	3
SAG202	İř Saęlıęı ve Güvenlięi	Yes	Yes	3+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Seçmeli İkinci Yabancı Dil Dersi	Yes	Yes	2+2	3
LOJ312	Malzeme Elleçleme ve Paketleme	Yes	Yes	3 + 0	3
LOJ417	Hava Kargo Taşımacılığı	Yes	Yes	3 + 0	3
	SeçmeliI (Teknik)	Yes	Yes	3 + 0	3
	SeçmeliIII (Üniversite/Teknik/Yabancı Dil)	Yes	Yes	3 + 0	3
Total :					15

[+] 5th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Seçmeli İkinci Yabancı Dil Dersi	Yes	Yes	2+2	3
FIN301	Finansın Temelleri	Yes	Yes	3+0	3
ISL301	Pazarlamannın Temelleri	Yes	Yes	3+0	3
LOJ315	Lojistik Sistem Analizi	Yes	Yes	3+0	3
ISL311	Örgütsel Davranış	Yes	Yes	3+0	3
LOJ311	İnsani Yardım Lojistiği	Yes	Yes	3+0	3

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Seçmeli İkinci Yabancı Dil Dersi	Yes	Yes	2+2	3
LOT301	Taşımacılıkta Risk ve Sigorta Yönetimi	Yes	Yes	3 + 0	3
LOJ408	Özel ve Tehlikeli Madde Taşımacılığı	Yes	Yes	3 + 0	3
	Seçmeli II (Teknik)	Yes	Yes	3 + 0	3
	Seçmeli IV (Üniversite/Teknik/Yabancı Dil)	Yes	Yes	3 + 0	3
Total					15

[+] 6th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

ISL304	Pazarlama Yönetimi	Yes	Yes	3+0	3
LOJ314	Lojistikte Planlama ve Modelleme	Yes	Yes	3+0	3
TIC304	Gümrük İşlem ve Uygulamaları	Yes	Yes	3+0	3

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
LOJ411	Satınalma ve Sözleşme Yönetimi	Yes	Yes	3 + 0	3
LOT401	Inter-modal Taşımacılık	Yes	Yes	3 + 0	3
LOJ423	Lojistik Bilişim Sistemleri	Yes	Yes	3 + 0	3
	Seçmeli I(Yabancı Dil/Teknik)	Yes	Yes	3 + 0	3
	Seçmeli V (Üniversite/Teknik)	Yes	Yes	3 + 0	3
Total					15

[+] 7th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Seçmeli Yabancı DilII	Yes	Yes	2+2	3
IKT401	Türkiye Ekonomisi	Yes	Yes	3+0	3
LOJ405	Lojistik Simülasyon	Yes	Yes	3+0	3
ISL451	Mikrofinans and Sosyal İşletmecilik I	Yes	Yes	2+2	3

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	SeçmeliIII (Teknik)	Yes	Yes	3+0	3
	Seçmeli IV (Teknik)	Yes	Yes	3+0	3
	SeçmeliII (Teknik/Yabancı Dil)	Yes	Yes	3+0	3
	SeçmeliVI (Üniversite/Teknik)	Yes	Yes	3+0	3
Total :					12

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 8th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
	Seçmeli Yabancı DilII	Yes	Yes	2+2	3
LOJ412	İşletmelerde Proje Yönetimi	Yes	Yes	3+0	3
ISL452	Mikrofinans ve Sosyal İşletmecilik II	Yes	Yes	2+2	3
LOJ444	Mezuniyet Projesi	Yes	Yes	3+0	3
LOJ490	İşyeri Uygulamaları	Yes	Yes	3+0	3
LOJ309	Tedarik Zinciri Yönetimi	Yes	Yes	3+0	3
Grand Total					120

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

ENG113 Akademik Okuma ve Yazma I (Academic Reading and Writing I) (3 credits) (*See General Education*)

ENG114 Akademik Okuma ve Yazma II (Academic Reading and Writing II) (3 credits) (*See General Education*)

ISL112 Matematik II (Mathematics II) (3 credits) The purpose of this course is to provide a mathematical foundation to be used in economics, business and related areas. Mathematics is organised for two semesters, and the first module, i.e. Mathematics I is a prerequisite for Mathematics II. Course consists of limits and continuity, differentiation, integration, matrix algebra, and related topics. *Prerequisite: BUS111. (This course is given in Turkish)*

LOT201 Karayolu Taşımacılığı (Highway Transportation) (3 credits) The purpose of this course is to provide highway transportation concepts, theory, and the technical processes involved in transport planning. Fundamentals of highway transportation management will be concentrated in order to make the students understand highway transportation management issues. Students will investigate the economic concepts of supply and demand and their implications within the highway transport planning process. Operational problems will be defined and performance monitoring and policy reviewing explored. This lecture presents the technical processes involved in highway transport planning. It provides technical knowledge on the quantitative processes which underpin the transport planning process. Through chapters, readings, and case analyses, issues related to comparative environmental framework, theories and institutions for highway transportation mode will be discussed. (*This course is given in Turkish*)

LOT202 Lojistikte Sayısal Yöntemler (Numeral Techniques in Logistics) (3 credits) The purpose of this course is to know the general aspects of quantitative analysis. In this course, research methods, the quantitative analysis approach, regression models, forecasting, linear programming, goal programming, decision analysis, game theory will be explained in details. (*This course is given in Turkish*)

LOT203 Depolama ve Stok Yönetimi (Warehousing and Stocks Management) (3 credits) The purpose of this course is to explain, storage function, the basic functions of logistics management, with administrative details. Students will learn warehousing activities separately. This course includes the concepts of storage, storage activities such as receiving, stocking, material handling, packing and labeling, the selection of warehouse location, handling equipments and types of storage systems and selection criteria of storage systems. This course also aims to describe the usage of the stocks models. The factors that affect the calculation of order quantity and levels, optimum stock levels and inventory classification methods will be explained. Students will learn the factors which results the stock costs and effective resource usage. Given projects aim to progress the presentation and communication skills of the students. (*This course is given in Turkish*)

LOT213 Denizyolu Taşımacılığı (Seaway Transportation) (3 credits) The purpose of this course is to provide seaway transportation concepts, theory, and the technical processes involved in transport planning. Fundamentals of seaway transportation management will be concentrated in order to make the students understand seaway transportation management issues. Students will investigate the economic concepts of supply and demand and their implications within the seaway transport planning process. Operational problems will be defined and performance monitoring and policy reviewing explored. This

lecture presents the technical processes involved in seaway transport planning. It provides technical knowledge on the quantitative processes which underpin the transport planning process. Through chapters, readings, and case analyses, issues related to comparative environmental framework, theories and institutions for seaway transportation mode will be discussed. *(This course is given in Turkish)*

LOJ417 Hava Kargo Taşımacılığı (Air Cargo Transportation) (3 credits) The purpose of this course is to prepare students to fully control the airfreight sales and operations steps and/or purchasing airfreight service whether they place at logistics world's service provider desk or the customer desk. The emphasis of this course will be international frame of civil aviation for air cargo transportation as well as the differences at local applications at airport customs. Through case studies and working over sample shipments, define and recognize the airfreight shipping and commercial documents. During the lectures, students will be acting as an air freight forwarder, will deduce all the steps at an international trade and organize an airfreight shipment as per different incoterms. *(This course is given in Turkish)*

LOJ209 Lojistik ve Taşımacılık Mevzuatı (Regulations in Logistics and Transportation) (3 credits) The purpose of this course is to provide students necessary information about regulations in transportation and logistics. *(This course is given in Turkish)*

LOJ411 Satınalma ve Sözleşme Yönetimi (Purchasing and Convention Management) (3 credits) The purpose of this course is to present the fundamental sourcing management knowledge for managers involved in procurement and purchasing activities. It covers the role and strategy of purchasing, contracting and the procurement processes in logistics. The lecture addresses the integration of these processes within the overall corporate strategy and covers the measurement and use of performance and financial controls that aid efficient and effective supplier management. *(This course is given in Turkish)*

LOJ312 Malzeme Elleçleme ve Paketleme (Material Handling and Packaging) (3 credits) The purpose of this course is to explain the material handling tools to the students. This course presents methods and equipment in handling materials in a warehouse, in a production facility, during transport or in hostile environments. Theory and practice are tightly related in materials handling therefore both theoretical and practical issues are presented and discussed. *(This course is given in Turkish)*

LOT301 Taşımacılıkta Risk ve Sigorta Yönetimi (Risk and Insurance Management in Transportation) (3 credits) The purpose of this course is as follows: People seek security. A sense of security may be the next basic goal after food, clothing, and shelter. An individual with economic security is fairly certain that he can satisfy his needs (food, shelter, medical care, and so on) in the present and in the future. Economic risk (which we will refer to simply as risk) is the possibility of losing economic security. Most economic risk derives from variation from the expected outcome. An insurance contract covers a policyholder for economic loss caused by a peril named in the policy. The policyholder pays a known premium to have the insurer guarantee payment for the unknown loss. In this manner, the policyholder transfers the economic risk to the insurance company. Risk is the variation in potential economic outcomes. It is measured by the variation between possible outcomes and the expected outcome: the greater the standard deviation, the greater the risk. In this lecture the students will be given examples that enable to understand the subjects above and to raise awareness how to manage risk in logistics activities. *(This course is given in Turkish)*

LOJ408 Özel ve Tehlikeli Madde Taşımacılığı (Special and Hazardous Goods Transportation) (3 credits) The purpose of this course is to describe importance of Special and Hazardous Goods Transportation to the students. Dangerous goods are substances and articles, which have been identified, as hazardous for transport and present a risk to people, property and the environment. This course

isrelated to logistics operations that involves in the consignment, loading/unloading and carriage of dangerous goods by road. This course provides a comprehensive summary of the legal provisions of the ADR (European Agreement Concerning the International Carriage of Dangerous Goods by Road). Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about transport and warehouse management on dangerous goods, structure and implementation, environments and risks managing transport operations. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish)*

LOT401 İnter-modal Taşımacılık (Inter-Modal Transportation) (3 credits)The purpose of this course is to provide inter-modal transportation concepts, theory, and the technical processes involved in transport planning. Fundamentals of inter-modal transportation management will be concentrated in order to make the students understand inter-modal transportation management issues. Students will investigate the economic concepts of supply and demand and their implications within the seaway transport planning process. Operational problems will be defined and performance monitoring and policy reviewing explored. This lecture presents the technical processes involved in inter-modal transport planning. It provides technical knowledge on the quantitative processes which underpin the inter-modal transport planning process. Through chapters, readings, and case analyses, issues related to comparative environmental framework, theories and institutions for inter-modaltransportation mode will be discussed. *(This course is given in Turkish)*

LOJ423 Lojistik Bilişim Sistemleri (Logistics Information Systems) (3 credits) The purpose of this course is to study the theories and practices of information systems. Students will analyze the essential characteristics of organizational rules, business processes, and logistics related information systems and technologies. *(This course is given in Turkish)*

TRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education)*

ATA101 Atatürk İlkeleri ve İnkılâp Tarihi I (History of Turkish Revolution I) (2 credits) *(See General Education)*

KYP001 Kariyer ve Yaşam Programı (Career and Life Planning) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish)*

ISL103 İşletmeye Giriş/Temel İşletme (Introduction to Business) (3 credits) The objective of this course is to analyze the important topics of business as forming a business unit, business in global markets, general management in business, human resource management in business, accounting and financial activities in business, operations management in business, marketing management in business, business and economics, social responsibility, ethics and law in business and new concerns of business. *(This course is given in Turkish)*

ISL111 Matematik I (Mathematics) (3 credits) The purpose of this course is to provide a mathematical foundation to be used in economics, business and related areas. The course is designed for two semesters, and will continue with its second module in the following semester. This first module, i.e. Mathematics I is prerequisite for Mathematics II. *(This course is given in Turkish)*

IKT103 İktisada Giriş I (Introduction to Economics) (3 credits) This is an introductory microeconomics course. The aim of this module is to develop an understanding of elementary microeconomic analysis and its applications. By the end of the term, the student will have acquired a basic understanding of the main microeconomic topics, including analysis of the consumer, the firm, the economics of public sector and product markets. The material covered as part of this course will help students to organize their ideas about economics. *(This course is given in Turkish)*

TRD102 Türk Dili II (Turkish Language II) (2 credits) *(See General Education)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution II) (2 credits) *(See General Education)*

ISL104 Yönetim ve Organizasyona Giriş (Introduction to Management and Organization) (3 credits) The objective of this course is to define the terms Management and Organizational Behavior relate to a considerable breadth and depth of topics relative to both the business world and the construction management industry. We often hear terms such as change agent, accountability, ethical conduct, paradigm shift, team building, culture and a plethora of others. The terms may seem strange in the macho world of construction however; an appreciation for these concepts is crucial to becoming a successful construction manager. This course will seek to enhance your understanding of management principles and organizational behavior theories and their relationship to the construction management profession. *(This course is given in Turkish)*

IKT104 İktisada Giriş II (Introduction to Economics II) (3 credits) This is an introductory macroeconomics course. The aim of the course is to develop an understanding of elementary macroeconomic analysis and its applications. By the end of the term, the student should have acquired a basic understanding of the main macroeconomic topics, including national income, aggregate demand and supply, an introduction to the real economy and money and prices in the long run and some basic concepts about inflation and unemployment trade-off. The material covered in this course will help the student to organize his/her ideas about economics. *(This course is given in Turkish)*

ISL211 İstatistik I (Statistics I) (3 credits) The course objective of this course is to equip students with an understanding of descriptive statistics and analytical thinking. Discussions will range from key concepts to useful data resources. Among topics covered are: Data collection, summarizing and presenting techniques, probability theory, discrete and continuous random variables, discrete probability distribution, continuous probability distribution and sampling distributions. *(This course is given in Turkish)*

ISL220 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is to increase students' knowledge about Turkish business life and entrepreneurship. Students will also be able to analyze the economic issues of the global world. In line with this objective, the course will focus on the contemporary issues in Turkish business life. The course will cover theoretical and practical information about global change. Issues related with strategic management, human resources, marketing, production, business ethics will also be examined. *(This course is given in Turkish)*

ELECTIVES

LOJ311 İnsani Yardım Lojistiği (Humanitarian Aid Logistics) (3 credits) The purpose of this course is to provide the concept and the importance of disaster & humanitarian Logistics, the differences

between commercial logistics and disaster & humanitarian Logistics, the complexity in a disaster & humanitarian Logistics and the problems and solving methods of the complexity, collaboration in disaster & humanitarian Logistics, processes of planning and operations, performance management in disaster & humanitarian logistics. *(This course is given in Turkish)*

FIN251 Finansal Muhasebe (Financial Accounting) (3 credits) The objective of the course is exploring the importance of using financial accounting data in decision-making. Students are introduced to the importance of such data to decision-making by discussing the principles and basic applications of financial accounting. *(This course is given in Turkish)*

ISL213 İşletmelerde İletişim ve Etik (Communication and Ethics in Corporations) (3 credits) The purpose of this course is to apply businesscommunicationprinciplesthrough creation of effective business documents and oral presentations. Itincludesstudyandapplication of team communication and use of technology to facilitate the communication process. Secondly, ethicsoffersconcept of values, morality, as well as cultural beliefs and upbringing in all areas of business, from consumer rights to corporate social responsibility. Decisions made by shift managers or corporate presidents may affect thousands of individuals or entire communities. Consumers today expect and demand integrity, honesty, and transparency in all levels of their environment. Understanding those expectations is the key to communicating core values and behavior not only to employees, but society in general. *(This course is given in Turkish)*

UI101 Siyaset Bilimine Giriş (3 credits) The purpose of this course is to introduce the students to the fundamental concepts and topics of political science with the aim of making them literate in political science in particular and social sciences in general. The course is composed of two parts: the first part introduces the main concepts of political science and the second part talks about the political systems and actors in politics. *(This course is given in Turkish)*

FIN252 Yönetim Muhasebesi (Accounting of Management) (3 credits) The objective of the course is exploring the importance of using cost and financial accounting data in decision-making. Students are introduced to the importance of such data to decision-making by discussing the principles and basic applications of cost and financial accounting. *(This course is given in Turkish)*

ISL206 İnsan Kaynakları Yönetimi (Human Resources Management) (3 credits) This course is designed to prepare students to be managers for the increasingly competitive business world. The students will be able to identify human resource management and explain how HRM contributes to an organization's performance and also recognize the importance of hiring and developing employees so that they become more valuable to the organization.*(This course is given in Turkish)*

SAG102 Sağlık ve Yaşam (Health and Life) (3 credits) The aim of these course is to develop in students the values and attitudes, knowledge, understanding and skills that will enable them to lead healthy, active and productive lives. *(This course is given in Turkish)*

SAG202 İş Sağlığı ve Güvenliği (Occupation Health and Safety) (3 credits) Create awareness of occupational health and safety regulations, specify risk factors that can affect health at the workplace, put forward the necessary measures, give the attitude and the knowledge of designing the organization of occupational health and safety. *(This course is given in Turkish)*

FIN301 Finansın Temelleri (Fundamentals of Finance) (3 credits) The objective of this course is to introduce the basics of corporate finance. The specifics of financial statements, ratio analysis and long-term planning will be followed by careful treatment of the time value of money concept. Given the minimum requirements for a thorough analysis of capital structure and capital budgeting, the next step is to make a clear distinction how a corporation finance and decide on its projected long-term investments. In this respect bond and stock markets are to be analyzed. Finally, the course concludes with a thorough analysis of capital budgeting methods. *(This course is given in Turkish)*

ISL301 Pazarlamanın Temelleri (Fundamentals of Marketing) (3 credits) The purpose of this course is to introduce students the marketing principles and concepts. Upon successful completion of this class, students will have knowledge of marketing strategy, marketing environment, marketing research, target market and segmentation, marketing mix strategies, and global marketing. *(This course is given in Turkish)*

ISL311 Örgütsel Davranış (Organizational Behavior) (3 credits) Organizations and teams are fundamentally a collection of people who are working together towards one or more common goals or, as one scholar put it, “The people make the place.” Therefore, a comprehensive understanding of people and human relationships in a workplace context is vital to the short-term and long-term viability of any enterprise. This class is designed to combine theory and practice in order to bring about a better understanding how individuals, teams, and organizations function. Particular emphasis is placed on the role of leaders in organizations. *(This course is given in Turkish)*

ISL304 Pazarlama Yönetimi (Marketing Management) (3 credits) The aim of this course is to explain students the fundamental principles and concepts of marketing management. Upon successful completion of this class, students will have knowledge of strategic planning and developing marketing strategy, analyzing the environment and managing market information, understanding consumer and business markets, developing customer driven marketing strategy, delivering value by product development, pricing, distribution, and promotion strategies, creating competitive advantage and implementing global marketing tools. *(This course is given in Turkish)*

TIC304 Gümrük İşlem ve Uygulamaları (Custom Procedures and Implementations) (3 credits) This course designed to prepare students to gain knowledge about customs procedures, implementation and laws. The emphasis of this course will be identifying the components of foreign trade and the national and international rules of foreign trade. Through laws, legislations, database searches, educational videos, readings, and case analyses, we will discuss issues related to global implementation of customs procedures. Added to this students will be able to examine the effects of customs procedures and practices on the other areas and recognize risk creative issues encountered in customs procedures and practices. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish)*

IKT401 Türkiye Ekonomisi (Economy of Turkey) (3 credits) The purpose of this course is to provide students a general view of the Turkish economy within a historical context. Dynamics and main issues of the Turkish economy will be dealt with from a historical and analytical perspective. *(This course is given in Turkish)*

ISL451 Mikrofinans ve Sosyal İşletmecilik I (Microfinance and Social Business I) (3 credits) The objective of the course is for students to gain a better understanding of the different aspects of both social business and microfinance and how successful examples from global and Turkish cases change

the poverty structure. Guest speakers with field experience will highlight the social business horizons. Students will also be exposed to the business strategies focused on alleviating a social problem with their own business plans. *(This course is given in Turkish)*

ISL452 Mikrofinans ve Sosyal İşletmecilik II (Microfinance and Social Business II) (3 credits) In order to fully appreciate the impact of microfinance, it's important to first understand the topic of extreme poverty and the field of global economic development. This course will then examine the development of the microfinance field over the past 25 years, beginning with the pioneer institution known as the Grameen Bank and will be detailed with theories and practices all around the globe and Turkey in specific. *(This course is given in Turkish)*

ISL205 Yönetim ve Organizasyon (Management and Organization) (3 credits) The objective of this course is to define the terms Management and Organizational Behavior relate to a considerable breadth and depth of topics relative to both the business world and the construction management industry. We often hear terms such as change agent, accountability, ethical conduct, paradigm shift, team building, culture and a plethora of others. The terms may seem strange in the macho world of construction however; an appreciation for these concepts is crucial to becoming a successful construction manager. This course will seek to enhance your understanding of management principles and organizational behavior theories and their relationship to the construction management profession. *(This course is given in Turkish)*

TIC203 Uluslararası Ticaret (International Trade) (3 credits) The purpose of this course is to study the structure and dynamics of international trade within an evolving world economy from the perspective of a developing country, especially Turkey. Students will analyze the essential characteristics of foreign trade structures of developing countries within recent periods of world economy. *(This course is given in Turkish)*

TIC206 İthalat-İhracat Yönetimi (Imports-Exports Management) (3 credits) The purpose of this course is to study the structure and dynamics of international trade within an evolving world economy from the perspective of a developing country, especially Turkey. Students will analyze the essential characteristics of foreign trade structures of developing countries within recent periods of world economy. *(This course is given in Turkish)*

LOJ412 İşletmelerde Proje Yönetimi (Project Management in Corporations) (3 credits) This course covers project management topics including planning, budgeting, controlling and leading projects. Students will be able to use a project management software package to manage projects. *(This course is given in Turkish)*

LOJ309 Tedarik Zinciri Yönetimi (Supply Chain Management) (3 credits) This course aims to introduce some important principles of supply and buying management to the students. Basic approach is, the experience of the business environment will be discussed and theoretical knowledge will be explained. *(This course is given in Turkish)*

LOJ315 Lojistik Sistem Analizi (Logistics System Analysis) (3 credits) The purpose of this course is to prepare students to analyze and develop efficient the logistics systems. The emphasis of this course will be on detecting and fixing the bottlenecks of the network designs. Through chapters, problem discussions and case analyses, we will discuss firstly system design issues and then issues related to logistics systems, international logistics networks, warehousing problems, transporting issues. During

the lectures, students will be discussing the reasons of the problematic parts of the systems and will be obligated to present their solution approaches orally in 10 minutes. *(This course is given in Turkish)*

LOJ314 Lojistikte Planlama ve Modelleme (Planning and Modeling in Logistics) (3 credits) The purpose of this course is to teach the objectives of the supply chain. It is important to understand how logistical planning and modeling decisions impact the performance of the firm as well as the entire supply chain. The course will be about to understand the link between supply chain structures and logistical capabilities in a firm or the entire supply chain. The function of logistics planning and modeling is to design and manage the processes, assets, and flows of material and information required to satisfy customers' demands. Through chapters, problem discussions and case analyses, we will discuss firstly logistics planning issues and then issues related to logistics systems, international logistics networks, warehousing problems, transporting issues. During the lectures, students will be discussing the reasons of the problematic parts of the systems and will be obligated to present their solutions. *(This course is given in Turkish)*

LOJ405 Lojistik Simülasyon (Simulation of Lojistik) (3 credits) The purpose of this course is to show the students how they are simulate a logistic event. This course designed to prepare students to be a simulation modeler for logistics industry. The emphasis of this course will be on a discrete-event simulation. *(This course is given in Turkish)*

BLG151 Bilgisayara Giriş (Introduction to Computer) (3 credits) The aim of this course is to improve; calculating, reporting, summrizing and analyzing skills of students by improving excel skills of students. This will allow students internship and business processes to be more functional. The course will be proceeded in both theory and practice areas with the additive homeworks. *(This course is given in Turkish)*

Management Information Systems (Turkish)

About Program

Our department's objective is to prepare our students for a challenging career in the computer industry including information technologies, system design and development, software development, data communications, quality assurance and industrial controls. The medium of instruction is Turkish and students with inadequate knowledge of English are required to follow a one year English preparatory class which is then followed by a four year program. Our curriculum consists of: Computer science based courses such as theory of computing, computer hardware, programming, computer organizations, algorithms and data structures, data mining, operating systems, software engineering, and Management based courses such as business administration, economics, statistics, law, marketing, administration of information systems. To prepare students for the real working world, to allow them to gain valuable work experience and to provide a practical foundation for the career of their choice, an individualized industry internship has been developed. After graduation many students continue on working full time at their internship placements. Students can apply for a double major or a minor program and may also study abroad within the framework of Erasmus programs. Students can also learn a second foreign language of their choice such as Arabic, Chinese, German or Russian.

Objectives

The aim of the MIS Program is to prepare students for a successful career on important IT issues such as information technology, information systems design and development, software development, databases, computer networks and data communication. IT management and CRM.

The total credits required for the satisfactory completion of the curriculum are 123 credits. The program additionally requires one internship enduring 20 work days in summer at the end of the second year. Graduation Project that shows student abilities on their area is mandatory course at the last semester.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
YBS101	Bilgisayar Programlamaya Giriş	Yes	Yes	3 + 0	3
YBS103	Uygulamalı Matematik	Yes	Yes	3 + 0	3
YBS105	Algoritma Geliştirme	Yes	Yes	2 + 0	2
ISL151	İşletmeye Giriş	Yes	Yes	3 + 0	3
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0 + 2	1
SECGNL1YY	Seçmeli Yabancı Dil I/Seçmeli Fakülte Dersi/Seçmeli Üniversite Dersi	No	Yes	2 + 2	3

[+] 1. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
BST250	CRM	Yes	Yes	3 + 0	3

Total:	17
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2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
YBS102	Bilgisayar Programlama Uygulamaları	Yes	Yes	3 + 0	3
YBS108	Ayrık Yapılar	Yes	Yes	3 + 0	3
YBS104	Programlama Dilleri Prensipleri	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

IKT151	İktisada Giriş	Yes	Yes	3 + 0	3
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
SECGNL2YY	Seçmeli Yabancı Dil I/Seçmeli Fakülte Dersi/Seçmeli Üniversite Dersi	No	Yes	2 + 2	3

[+] 2. Semester Elective Course List

Total:	16
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3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
YBS201	Veri Yapıları ve Algoritmalar	Yes	Yes	3 + 0	3
YBS203	Nesne Tabanlı Programlama	Yes	Yes	3 + 0	3
YON205	Yönetim ve Organizasyon	Yes	Yes	3 + 0	3
IST251	İstatistiğe Giriş	Yes	Yes	3 + 0	3
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
Total:					15

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
YBS202	Veritabanı Yönetimi ve Uygulamaları	Yes	Yes	3 + 0	3
YBS204	Görsel Programlama	Yes	Yes	3 + 0	3
YBS206	İşletim Sistemleri Yönetimi	Yes	Yes	3 + 0	3
YBS208	Pazarlama Yönetimi	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

TRD102	Türk Dili II	Yes	Yes	2 + 0	2
INT001	Staj	Yes	No	0 + 0	0
Total :					14

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
BIL394	Veri Madenciliği	Yes	Yes	3 + 0	3
YBS301	Web Programlama ve Uygulamaları	Yes	Yes	3 + 0	3
YBS305	Finansal ve Maliyet Muhasebesi	Yes	Yes	3 + 0	3
SECBOL5YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECBOL5YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3

[+] 5. Semester Elective Course List

Total :					15
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6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
YBS302	Bilişim Seminerleri	Yes	Yes	0 + 2	1
YBS304	Bilgisayar Ağlarına Giriş	Yes	Yes	3 + 0	3
YBS306	Yönetim Bilişim Sistemleri	Yes	Yes	3 + 0	3
SECBOL6YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECBOL6YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SECGNL6YY	Seçmeli Yabancı Dil I/Seçmeli Fakülte Dersi/Seçmeli Üniversite Dersi	No	Yes	2 + 2	3
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[+] **6. Semester Elective Course List**

Total :	16
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7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
UBY303	Araştırma Yöntemleri ve Uygulamaları	Yes	Yes	3 + 0	3
YBS401	Sistem Analizi ve Tasarımı	Yes	Yes	3 + 0	3
SECBOL7YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECBOL7YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECGNL7YY	Seçmeli Yabancı Dil I/Seçmeli Fakülte Dersi/Seçmeli Üniversite Dersi	No	Yes	2 + 2	3

[+] **7. Semester Elective Course List**

Total :	15
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8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
YBS402	Proje Yönetimi	Yes	Yes	3 + 0	3
YBS450	Bitirme Projesi	Yes	Yes	0 + 2	1
SECBOL8YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECBOL8YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECGNL8YY	Seçmeli Yabancı Dil I/Seçmeli Fakülte Dersi/Seçmeli Üniversite Dersi	No	Yes	2 + 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 8. Semester Elective Course List

Total :	13
Grand Total	123

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Course Descriptions

YBS101 Bilgisayar Programlamaya Giriş (Introduction to Computer Programming) (3 credits)

This course will introduce the basic elements of a structural and imperative programming language. The C language will be used. Topics include the concept of type, main types, expressions, standard functions, input/output statements, type conversion, flow of control structures, if-then-else, loop structures, while-do, repeat until, for-do, case statements; procedures and functions, modularity in programming, global and local variables, pointers, dynamic variables, and arrays (*This course is given in Turkish*).

YBS102 Bilgisayar Programlama Uygulamaları (Computer Programming Applications) (3 credits)

This course aims to developing algorithms and software by using C programming language. Introducing the C programming language. The basic input and output functions (print and scan functions) and variable types are analyzed. Algorithms are designed using conditional functions (if-else, switch-case functions). Loop structures (while, for) are explained on C language. Mathematical terms (arithmetical, relational and logical operators) are defined and created programs using one dimensional array. Vector and matrix representations are defined to calculate more than one dimensional data. Students write subroutines and functions to design more effective programs. Terms that has analyzed during this class put into practice on C language. (*This course is given in Turkish*)

YBS103 Uygulamalı Matematik (Applied Mathematics) (3 credits)

This course aims to provide basic mathematical skills necessary for the computer programmers. Basic mathematical concepts, definitions and related operations; algebraic concepts, definitions and related operations, basic formal methods and basic statistical concepts. (*This course is given in Turkish*).

YBS105 Algoritma Geliştirme (Algorithm Development) (3 credits)

This course designed to show students problem solving techniques. They analyze input-operation and output process by designing algorithm. Definiteness, finiteness, effectiveness terms are defined. Spark's Algorithm Language (Constants, variables and expressions) use is analyzed and designed algorithms using language terms. Mathematical terms (arithmetical, relational and logical operators) are defined and created algorithms with conditional and iterative statements. Vector and matrix representations are defined to calculate more than one dimensional data. Students write subroutines and functions to design more effective algorithms. Terms that has analyzed during this class put into practice on algorithms. (*This course is given in Turkish*).

YBS104 Programlama Dilleri Prensipleri (Programming Language Principles) (3 credits)

This course aims to introduce students to the principles of programming languages and the development of programming languages. It contains structured and modular programming concepts. It carries the features of languages (FORTRAN, COBOL, PL / I, PASCAL, C) in comparison. This course focus on statements, character data functions, vector and matrix operations, subroutine structures, basic file applications, advanced examples of current problems and solutions. (*This course is given in Turkish*)

YBS201 Veri Yapıları ve Algoritmalar (Data Structs and Algorithm) (3 credits)

The objective of this course is to teach students the notion of an abstract data type (ADT) which is central to the design and analysis of computer algorithms. This course introduces abstract data types, and presents algorithms and data structures for implementing several ADTs. It emphasizes the efficiency of algorithms as evaluated by asymptotic analysis of running time. Topics include linear ADTs, heaps, binary trees, AVL trees, hashing, sorting, and graph algorithms. The programming assignments will be given in the C programming language. (*This course is given in Turkish*).

YBS203 Nesne Tabanlı Programlama (Object Oriented Programming) (3 credits) The basic principles of Object-Oriented Programming, structure of .net framework, class - object concepts, the basic features of C# language, the constructs of C# language (namespace concept, variables, data types, input/output functions, operators, flow control structures [if, if/else, if/else/if, switch/case], loop structures [for, while, do/while, foreach]), class and object creation, access modifiers, encapsulation, arrays, methods (functions, actions), inheritance, polymorphism. *(This course is given in Turkish).*

YBS202 Veritabanı Yönetimi ve Uygulamaları (Database Management and Applications) (3 credits) Describe this course over the structure of Microsoft SQL Server. The concept of database, relational database, data storage models, database components (relational database engine, SQL Server integration services, notification services, reporting services, etc.), database management systems (client-server architecture) , database products and versions, Microsoft SQL Server installation (pre-installation preparation, instance name, the service account setting, and so on.), SQL Server Management Studio, SQL Server database architecture, the standard SQL server databases, database creation and deletion, DDL SQL commands (CREATE, ALTER, DROP, ADD), collation, recovery-Transact Log, compatibility, set the options for the database tables (create, add columns, change the properties of the column, delete column), data types, data-entry, and delete tables, database backup and restore, queries, the SELECT command (WHERE, ORDER BY), INSERT, DELETE, and UPDATE commands, data transfer operations (import - export), join tables (INNER JOIN LEFT / RIGHT OUTER JOIN), constraints (primary key, unique, check), the concept of index (clustered and non-clustered indexes), constraints (foreign key), stored procedures, triggers, SQL Server Agent. *(This course is given in Turkish).*

YBS204 Görsel Programlama (Visual Programming) (3 credits) Content of the course, .net framework structure, Windows form objects and form controls, Standard Forms and features, MDI Forms and features, Design and make menu and toolbar, Visual Programming with databases (with Microsoft SQL Server, and database objects: Connectionstring, SqlConnection, SqlCommand, ExecuteScalar, ExecuteReader, ExecuteNonQuery, DataReader, DataAdapter, DataTable, DataSet),App.config file. *(This course is given in Turkish).*

YBS206 İşletim Sistemleri Yönetimi (Operating Systems Management) (3 credits) Content of the course, Installation of operating system (Windows based), system resources, file and disk management (FAT, NTFS), memory management, product activation and licensing, performance analysis, management of services, network settings and security, sharing, domain server (create, add, manage), DHCP server and settings, DNS server, structure of active directory, installation of active directory, create user-group-organization unit, group rights, group schemas, group policy (user and computer), installation of Linux operating system. *(This course is given in Turkish).*

YBS304 Bilgisayar Ağlarına Giriş (Introduction to Computer Networks) (3 credits) This course designed to show our student about network framework, network topologies and OSI reference layers for computer network communications. They analyze uses of Computer Networks, Network Hardware, Network Software, and Reference Models. Students illustrate physical, data link layer, medium access control sub layer, network layer, transport layer, protocols, and application layer. They evaluate network security and also evaluate wire shark application for understanding the network communication essentials. Every student in the class should design network structure for selected building. *(This course is given in Turkish).*

YBS305 Finansal ve Maliyet Muhasebesi (Web Programming Applications) (3 credits) Content of the course, .net framework structure, HTML, Windows Web Server installation, ASP.NET web forms and form controls, use validations and sessions, web programming with databases (with Microsoft SQL

server and database objects: Connection string, SqlConnection, SqlCommand, ExecuteScalar, ExecuteReader, ExecuteNonQuery, DataReader, DataAdapter, DataTable, DataSet, DataBind), Web.config file, use cookies, writing and using javascript. *(This course is given in Turkish).*

YBS306 Yönetim Bilişim Sistemleri (Management of Information Systems) (3 credits) This course designed to show our student about the effects of information systems on business and their relationship to globalization. We try to define information systems are why so essential in business today. Summarize an information system and identify its' management, organization, and technology components. Identify complementary assets and explain how they ensure that information systems provide genuine value to an organization. Show the different academic disciplines used to study information systems and explain how each contributes to our understanding of them. Automation systems such as CRM, TPS, SCM, DSS and ESS are also recognized throughout the lecture. Besides, hardware, software, business intelligence with securing the information systems is also stated. E-commerce, telecommunication and internet based technologies are explained. *(This course is given in Turkish).*

YBS401 Sistem Analizi ve Tasarımı (Systems Analysis and Design) (3 credits) This course designed to explain the importance of informatics and information systems, the role of the systems analyst, understanding organizational styles and its impact on information systems, information gathering: interactive methods, agile modeling and prototyping, work process analysis, data flow diagrams, preparing the systems proposal, designing effective output and input, effective data entry procedures. *(This course is given in Turkish)*

YBS402 Proje Yönetimi (Project Management) (3 credits) This course introduces you to the design and implementation of projects for IT. You will develop and learn the steps of project management. Activities and create simple user interfaces to make your apps run smoothly. *(This course is given in Turkish).*

YBS450 Bitirme Projesi (Graduation Project) (3 credits) Theoretical and discipline for a particular group within the framework of the project the information learned in practical courses. Who learned to design and build an infrastructure that will continue to grasp lifelong learning. *(This course is given in Turkish)*

ISL151 İşletmeye Giriş (Introduction to Business) (3 credits) This course aims at teaching the basic concepts, issues, and mathematical techniques to design, analyze and improve various operations of an organization. The topics covered include product and process design, capacity planning, location and layout decisions, inventory management, aggregate scheduling and material requirements planning. *(This course is given in Turkish).*

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution I) (2 credits) *(See General Education)*

YBS108 Ayrık Yapılar (Discrete Structures) (3 credits) This course seeks to place on solid foundations the most common structures of computer science, to illustrate proof techniques, to provide the background for an introductory course in computational theory, and to introduce basic concepts of probability theory. *(This course is given in Turkish)*

IKT151 İktisada Giriş (Introduction to Economics) (3 credits) The purpose of this course is to introduce students to the principles of economics and to provide a basic understanding of how economic actors such as households and firms decide to manage/allocate their available resources in an efficient way. The course provides students with a framework of and the ability to evaluate key microeconomic topics facing market economies such as basic market structures, supply and demand, consumer behavior, firm behavior in output markets, the production process, input markets, decisions in regards to market power, and market failures in capitalist economies. *(This course is given in Turkish).*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution II) (2 credits) *(See General Education)*

IST251 İstatistiğe Giriş (Introduction to Statistic) (3 credits) This course aims to teach main definitions of statistics, show how to use these statistical methods on applications and analyzing them. *(This course is given in Turkish)*

TRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education)*

YBS208 Pazarlama Yönetimi (Marketing Management) (3 credits) This course aims to teach the marketing process, main concept, principles of marketing to students. *(This course is given in Turkish)*

TRD102 Türk Dili II (Turkish Language II) (3 credits) *(See General Education)*

YBS302 Bilişim Seminerleri (Informatics Seminars) (1 credits) The aim of this course is to define preparation and presentation of a seminar about a topic selected among programming, marketing and IT issues by reviewing the latest literature. *(This course is given in Turkish)*

UBY303 Araştırma Yöntemleri ve Uygulamaları (Research Techniques and Applications) (3 credits) The objective of the course is to give an emphasis on quantitative methods, as general knowledge about these are considered crucial for a researcher, both as a prerequisite for conducting needs assessments/situation analyses and evaluations, and as a prerequisite for assessing academic literature and other secondary sources relying on statistical material, such as reports by international organizations. The module offers basic competence in statistical methods and covers univariate, bivariate, multiple regression and logistical regression analysis. *(This course is given in Turkish).*

YON205 Yönetim ve Organizasyon (Management and Organization) (3 credits) This is a course about organizations – what they are, how they operate, and why they are important. The purpose of this course is to help students understand organizations and take effective action in them by understanding the social dynamics and context shaping organizational life. *(This course is given in Turkish)*

YBS303 Finansal ve Maliyet Muhasebesi (Financial and Cost Accounting) (3 credits) The objective of the course is exploring the importance of using cost and financial accounting data in decision-making. Students are introduced to the importance of such data to decision-making by discussing the principles and basic applications of cost and financial accounting *(This course is given in Turkish)*

KYP001 Kariyer ve Yaşam Programı (Career and Life Planning) (1 credits) The purpose of this course is to ensure that students specify their expectations from university education, spend this process

in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish)*

YBS401 Sistem Analizi ve Tasarımı (Systems Analysis and Design) (3 credits) This course designed to explain the importance of informatics and information systems, the role of the systems analyst, understanding organizational styles and its impact on information systems, information gathering: interactive methods, agile modeling and prototyping, work process analysis, data flow diagrams, preparing the systems proposal, designing effective output and input, effective data entry procedures. *(This course is given in Turkish).*

ELECTIVES

BIL394 Veri Madenciliği (Data Mining) (3 credits) This course designed to educate students about the main concepts and methods of data mining. Course Content; Data, information and knowledge concepts, introduction to data mining, knowledge discovery in databases (KDD), databases, OLTP, data warehouses, data cubes, OLAP, KDD- data select, KDD- data preprocessing (data cleaning – data transformation), classification concepts (decision trees, id3 and bayesian algorithms, etc.), cluster concepts (k-means, k-medoids, dbscan algorithms, etc.), association rules concepts (market basket, apriori algorithm, etc.), case study with apriori algorithm. Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about trade and investment, global strategy, structure and implementation, world financial environments, managing international operations. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish)*

YBS250 CRM (CRM) (3 credits) This course designed to explain the importance of informatics and information systems, the role of the systems analyst, understanding organizational styles and its impact on information systems, information gathering: interactive methods, agile modeling and prototyping, work process analysis, data flow diagrams, preparing the systems proposal, designing effective output and input, effective data entry procedures. *(This course is given in Turkish).*

YBS353 Makro (Macros) (3 credits) Advanced Excel and Macros, Visual Basic for Applications (VBA), Variables and operators, If/Then/Else – Select Case/End Select, For/Next – For Each/Next – Do Until / Loop – Do While / Loop, ActiveX Data Object (ADO), Connection, RecordSet, SQL *(This course is given in Turkish).*

YBS359 Mobil Programlama ve Uygulamalar (Mobile Programming and Applications I) (3 credits) This course introduces you to the design and implementation of Android applications for mobile devices. You will develop an app from scratch, assuming a basic knowledge of Java, and learn how to set up Android Studio, work with various Activities and create simple user interfaces to make your apps run smoothly. *(This course is given in Turkish).*

YBS360 İleri Veri Tabanı (Advanced Database) (3 credits) Advanced techniques of database operations (joins, indexes, triggers [after and instead of], constraints [foreign keys, unique, check], data import / export), configure the security mechanism on database servers, use comparison (like, in, between) , control (if/else, case/when) and loop (while) statements, create stored procedures (IN and IN/OUT parameters), create and use cursor, create user-defined function (scalar-valued, table-valued), creat advanced queries, plan scheduled jobs (SQL Agent) *(This course is given in Turkish).*

YBS451 Ağ Güvenliği (Network Security) (3 credits) This course designed to show our student about network security framework and computer security related automation systems. They analyze security levels, topology and cryptography. Symmetric and asymmetric security systems are defined. Biometric security systems, VPN and firewall concepts are also analyzed and disaster recover with network protocols are shown throughout the class to our students. Students evaluate open key based crypto systems with historical order such as DES and RSA. Students illustrate topology safety with different frameworks. Besides, students use different sniffing techniques in order to define the variety of wireless network connections. Every students in the class should judge different network automation systems while summarizing their advantages and disadvantages of the related systems. *(This course is given in Turkish).*

YBS455 İşletim Sistemi Uygulamaları-Linux (Operating System Applications-Linux) (3 credits) This course designed to show our student about operating systems architecture such as shell, kernel and processes. They analyze shell and kernel with the historical background. Students illustrate shell programming techniques. They analyze shell arithmetic with the Linux environment while using shell commands. Besides, they use shell scripting with administration utilities. Explain AWK utilities with shell programming in Linux environment. Also, decision making algorithms are illustrated with loops. Controlling processes associated with the current shell and directory permissions are defined. Moreover, Basic text input and navigation in Vieditor is recognized. *(This course is given in Turkish).*

YBS459 İşlemci Programlama Dili I (Mainframe Programming Language I) (3 credits) Mainframe Bilgisayarlar: Temel özellikleri; Çevre birimleri, İşletim sistemleri, Multi_user, Multi_programming, Multi_Tasking özellikleri. PL/I (Programming Language / I) Programlama Dili'nin özellikleri, üstünlükleri, genel yapısı. PL/I notasyonu. Veri Tipleri (Aritmetik, Picture, Pointer,...), Static-Automatic-Controlled ve Based Storage kontrolü. İlişkisel ve Mantıksal işlemciler, Sorgu (IF-THEN-ELSE) ve Seçme (SELECT-WHEN-OTHERWISE) yapıları. DO, DO WHILE, DO UNTIL döngüleri, sonsuz döngü yapıları ve Birleşik Döngüler. Array'ler. Built-in (hazır) Functions; Matematiksel fonksiyonlar, String fonksiyonları. DO, BEGIN ve PROCEDURE bloklar, Recursion. External yapılar ve Bloklar, %INCLUDE deyimi. ON_CONDITION'lar (ON_Endfile, ON_Endpage, ON_Zerodivide, ON-Error,..). Dosya (File) yapıları; OPEN, CLOSE deyimleri. Sequential Files; Stream Input/Output (Data Directed, List Directed, Edit Directed). Input_Output (I/O) FORMAT'lama (SKIP, SKIP(n), SKIP(0) ve PAGE deyimleri, Structure'lar: LIKE ve BY NAME deyimleri, Record Oriented I/O, READ, WRITE, REWRITE deyimleri. Regional Files, Indexed Files and VSAM uygulamaları, GENKEY deyimi. İş dünyasından güncel örnekler ve uygulamalar. *(This course is given in Turkish).*

YBS458 İşlemci Programlama Dili II (Mainframe Programming Language II) (3 credits) Mainframe Bilgisayarlar: Temel özellikleri; Çevre birimleri, İşletim sistemleri, Multi_user, Multi_programming, Multi_Tasking özellikleri. PL/I (Programming Language / I) Programlama Dili'nin özellikleri, üstünlükleri, genel yapısı. PL/I notasyonu. Veri Tipleri (Aritmetik, Picture, Pointer,...), Static-Automatic-Controlled ve Based Storage kontrolü. İlişkisel ve Mantıksal işlemciler, Sorgu (IF-THEN-ELSE) ve Seçme (SELECT-WHEN-OTHERWISE) yapıları. DO, DO WHILE, DO UNTIL döngüleri, sonsuz döngü yapıları ve Birleşik Döngüler. Array'ler. Built-in (hazır) Functions; Matematiksel fonksiyonlar, String fonksiyonları. DO, BEGIN ve PROCEDURE bloklar, Recursion. External yapılar ve Bloklar, %INCLUDE deyimi. ON_CONDITION'lar (ON_Endfile, ON_Endpage, ON_Zerodivide, ON-Error,..). Dosya (File) yapıları; OPEN, CLOSE deyimleri. Sequential Files; Stream Input/Output (Data Directed, List Directed, Edit Directed). Input_Output (I/O) FORMAT'lama (SKIP, SKIP(n), SKIP(0) ve PAGE deyimleri, Structure'lar: LIKE ve BY NAME deyimleri, Record Oriented I/O, READ, WRITE, REWRITE deyimleri. Regional Files, Indexed Files and VSAM uygulamaları, GENKEY deyimi. İş dünyasından güncel örnekler ve uygulamalar. *(This course is given in Turkish).*

YBS462 Karar Destek Sistemleri (Decision Support Systems) (3 credits) The purpose of the artificial intelligence course is to educate students about the ability to problem solving with artificial intelligence algorithms. The content of course: Introduction, agents and search, informed and local search, constraint satisfaction problems and game playing, knowledge representation and expert systems, machine learning and decision trees, clustering, uncertainty and probability, genetic algorithm, artificial neural Networks. *(This course is given in Turkish).*

New Media (Turkish)

About Program

New media notion which has been approached primarily as part of lectures in the context of developing requirements and necessities in the world, in consequence of the academic and sectoral development has been established in the various academic units of the universities as an independent department that mainly consists of communication, design and software. It has been observed that new media departments have been established in our country in a similar process as seen in the world.

Objectives

Accordingly, this department has been established for the purpose of training individuals that have voice in the new media channel; and specialized in content production, management, marketing communication. In the process of democratization and citizen participation, the role of the new media shows the requirement of the experts. The total credits required for the satisfactory completion of the curriculum are 121 credits. The program additionally requires internship enduring 30 work days.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA101	Atatürk İlkeleri ve İnkılâp Tarihi I	Yes	Yes	2 + 0	2
YM114	Yeni Medyaya Giriş	Yes	Yes	3 + 0	3
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0 + 2	1
HIR145	İletişimin Temelleri	Yes	Yes	3 + 0	3
YM321	Dijital PR	Yes	Yes	3 + 0	3
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
SECGNL1YY	Seçmeli Fakülte/Üniversite/Yabancı Dil Dersleri	No	Yes	2 + 0	2

[+] 1st Semester Elective Course List

Total	16
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2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HIR122	Halkla İlişkilerin Temelleri	Yes	Yes	3 + 0	3
YM114	Yeni Medyaya Giriş	Yes	Yes	3 + 0	3
YBS106	Programlama Dilleri Prensipleri	Yes	Yes	3 + 0	3
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
ATA102	Atatürk İlkeleri ve İnkılâp Tarihi II	Yes	Yes	2 + 0	2
SECGNL2YY	Seçmeli Fakülte/Üniversite/Yabancı Dil Dersleri	No	Yes	2 + 0	2

[+] 2th Semester Elective Course List

Total	15
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
YM231	Dijital Reklamcılık	Yes	Yes	3 + 0	3
YBS250	CRM	Yes	Yes	3 + 0	3
ISL151	İşletmeye Giriş	Yes	Yes	3 + 0	3
YM241	Çoklu Medya İçerik Yönetimi	Yes	Yes	3 + 2	3
YM243	Pazarlama İletişiminde Yeni Medya Teknolojileri	Yes	Yes	3 + 0	3

[+] 3rd Semester Elective Course List

Total	15
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4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
YM202	Dijital Tasarım Stüdyosu	Yes	Yes	3 + 0	3
HIR234	Reklam Kampanyaları	Yes	Yes	3 + 0	3
HIR244	İkna Teknikleri	Yes	Yes	3 + 0	3
SECGNL4YY	Seçmeli Fakülte/Üniversite/Yabancı Dil Dersleri	Yes	Yes	3 + 2	3
SECBOL4YY	Seçmeli Bölüm Dersi	Yes	Yes	3 + 0	3

[+] 4th Semester Elective Course List

Total	15
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
YM312	Yeni Medya Araştırma Yöntemleri	Yes	Yes	3 + 0	3
YM311	Küresel İletişim	Yes	Yes	3 + 0	3
HIR341	Sosyal Medya	Yes	Yes	3 + 0	3
SECGNL5YY	Seçmeli Fakülte/Üniversite/Yabancı Dil Dersleri	Yes	Yes	3 + 0	3
SECBOL5YY	Seçmeli Bölüm Dersi	No	Yes	3+0	3

[+] 5th Semester Elective Course List

Total	15
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6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
YM312	Yeni Medya Araştırma Yöntemleri	Yes	Yes	3+ 0	3
HIR332	Reklamda Yaratıcılık	Yes	Yes	3 + 0	3
YM334	Yeni Medyada İnovasyon	Yes	Yes	3 + 0	3
SECGNL6YY	Seçmeli Fakülte/Üniversite/Yabancı Dil Dersleri	Yes	Yes	3 + 0	3
SECGNL6YY	Seçmeli Fakülte/Üniversite/Yabancı Dil Dersleri	Yes	Yes	3 + 0	3
STJ001	Staj (30 gün)	Yes	Yes	0 + 0	0

[+] 6th Semester Elective Course List

Total	15
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
YBS451	Ağ Güvenliği	Yes	Yes	3+ 0	3
YM441	Online Medya Hukuku	Yes	Yes	3 + 0	3
YM401	Proje I	Yes	Yes	3 + 0	3
SECBOL7YY	Seçmeli Bölüm Dersi	Yes	Yes	3 + 0	3
SECGNL7YY	Seçmeli Fakülte/Üniversite/Yabancı Dil Dersleri	Yes	Yes	3 + 0	3
[+] 7th Semester Elective Course List					
Total					15

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HUK354	IT Hukuku	Yes	Yes	3+ 0	3
HIR450	Pazarlama İletişiminde Yeni Yaklaşımlar	Yes	Yes	3 + 0	3
YM402	Proje II	Yes	Yes	3 + 0	3
SECBOL8YY	Seçmeli Bölüm Dersi	Yes	Yes	3 + 0	3
SECGNL8YY	Seçmeli Fakülte/Üniversite/Yabancı Dil Dersleri	Yes	Yes	3 + 0	3
[+] 8th Semester Elective Course List					
Total :					15
Grand Total					121

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Course Descriptions

HUK354 IT Hukuku (IT Law) (3 credits) The purpose of this course is to aim to explain the fundamentals of mass communication law by telling basic concepts such as knowledge acquisition, freedom of thought and expression on the purpose of setting the consciousness of respect to the fundamental rights and freedoms and superiority of law in the legal execution of mass communication activities. This course also aims to explain the juridical regulations and responsibilities related to the internet, television broadcasting and printed media (*This course is given in Turkish*).

HIR145 İletişimin Temelleri (Foundations Communication) (3 credits) The purpose of this course is to teach the cognitive explications and approaches of the communication. As a part of this course, communication notion will discussed as a process in psychological, social and cultural reflections and the functions of communication, key elements and operation of the communication process will be approached. (*This course is given in Turkish*)

HIR450 Pazarlama İletişiminde Yeni Yaklaşımlar (New Approaches in Marketing Communications) (3 credits) The purpose of this course is to develop understanding on the history of marketing concept, the transformation of marketing strategies and implications, and new concepts and practices of marketing communication emerged with the new media channels. (*This course is given in Turkish*)

YBS451 Ağ Güvenliği (Network Security) (3 credits) The purpose of this course is to to show our student about network security framework and computer security related automation systems. They analyze security levels, topology and cryptography. Symmetric and asymmetric security systems are defined. Biometric security systems, VPN and firewall concepts are also analyzed and disaster recover with network protocols are shown throughout the class to our students. Students evaluate open key based crypto systems with historical order such as DES and RSA. Students illustrate topology safety with different frameworks. Besides, students use different sniffing techniques in order to define the variety of wireless network connections. Every students in the class should judge different network automation systems while summarizing their advantages and disadvantages of the related systems. (*This course is given in Turkish*)

HIR122 Halkla İlişkilerin Temelleri (Fundamentals of Public Relations) (3 credits)The purpose of this course is designed to introduce the students to the structure of public relations area, as well as its history by examining communication and persuasion concepts of effective public relations theory.Through chapters, readings, and case analyses, we will identify and discuss related issues as public relations history, role, ethical and professional standards, media relations, crisis management and public opinion. (*This course is given in Turkish*)

HIR234 Reklam Kampanyaları (Advertising Campaigns) (3 credits) The purpose of this course is to assist students in acquiring the intellectual skills needed in developing well-planned and effective advertising strategies, but in practice, this course is designed to focus on application. Competing teams of five-to-seven students prepare advertising campaign plans. (*This course is given in Turkish*)

HIR244 İkna Teknikleri (Persuasion Techniques) (3 credits) This course aims to develop interpersonal communication skills in the two key capabilities : visual and auditory media is an effective way to use and to convince the audience the purpose of the presentation. (*This course is given in Turkish*)

HIR332 Reklamda Yaratıcılık (Advertising Creativity) (3 credits) The purpose of this course is to introduce to various models of exploring creativity. This course is designed to give students a basic understanding of the creative strategy development process and an appreciation for the critical thinking. *(This course is given in Turkish)*

HIR341 Sosyal Medya (Social Media) (3 credits) The purpose of this course is to prepare students to develop their communication skills in the new form of digital environment. Throughout the course, social media will be examined with all its aspects such as social media and its cultural effects, privacy and surveillance, brand communication in social media, ethics, crowd sourcing and latest trends and impacts. Students who attend the course are aimed to have the ability to explain aspects of social media and to analyze the cases and potential communication crisis and to find creative solutions for new forms of effective communication in the social plateau of this emerging digital environment. *(This course is given in Turkish)*

YM114 Yeni Medyaya Giriş (Introduction to New Media) (3 credits) The purpose of this course is to aim to examine new media and digital revolution by approaching all the effects. Because the new platforms have emerged with becoming popular of using internet and with the emergence of new media technologies. Media that we call classic media has fall behind and has given to its place to new media. Especially, after web 2.0 has come into our lives, new media platforms which have been called as social media, has been situated as an factor that forms our communication's methods. Communication forms and consumer prototypes have been effected to these changes and now, consumer who products in all fields becomes dominant communication channels. *(This course is given in Turkish)*

YBS106 Programlama Dilleri Prensipleri (Principles of Programming Languages) (3 credits) This course aims to introduce students to the principles of programming languages and the development of programming languages. It contains structured and modular programming concepts. It carries the features of languages (FORTRAN, COBOL, PL / I, PASCAL, C) in comparison. This course focus on statements, character data functions, vector and matrix operations, subroutine structures, basic file applications, advanced examples of current problems and solutions. *(This course is given in Turkish)*

ISL151 İşletmeye Giriş (Introduction to Business) (3 credits) The purpose of this course is to aim to bring a light to the subjects such as business, type of business, business in global world, management activity in business, human resources activites in business, accounting and finance activities in business, production activities in business, marketing activates in business, business and economy, business and law, ethic and social responsibility and new subject in business World. *(This course is given in Turkish)*

YM231 Dijital Reklamcılık (Digital Advertising) (3 credits) Digital media, News Corp. entertainment, providing many possibilities to-face communication in a digital environment with people on a technology that the growth of this media, content produced by the users, on the creation of a customer's network Inc. Bringing unlimited possibilities as to ensure the content reproduction br form was concerned. Digital Advertising, Scope Communications can be grouped under two main headings on digital marketing. these; Use of paid digital advertising medium is digital content management Proactive. This by digital media has rented on the content placed on SMS mobile advertising channels such as MMS, applications and application can be downloaded in the structure as sponsoring-website, search engine ads band advertising content and so on. Paid advertising is shown between the digital channels. Added as well Rank Proactive digital advertising Content Management head beneath matters between ISE Tracking the current popular content through search engines, the search engine of the website content optimized to be to be in the top row, we have web managing the establishment of blogger relations, monitoring the digital community, promotion of digital brand community, complaint

Management, placing the insemination methods of viral advertising content located the context of course, we have the crisis. (*This course is given in Turkish*)

YM241 Çoklu Medya İçerik Yönetimi (Multi Media Content Management) (3 credits)The purpose of this course is to understanding the media. The media are the most widespread and influential system of communication in the contemporary world. They construct and circulate information and organize perception through sound, screen and print form, which help to shape our sense of self and our relationship with the society. Over the past few years, media in India have grown significantly. They, in fact, have become part of all areas of life. They are generating profit and employment, providing information on political process and events, motivating public debate, providing place for cultural expression and most importantly entertaining the public. Through the course on Media Studies students at the higher secondary level will be given an opportunity to get introduced to all these aspects of the media by developing a good understanding of the theoretical and practical facets of media. At this level the course will enable students to develop a conceptual understanding of the media that will involve both critical reception of and active production through the media. It will also enable students to express their own voice through media, as well as the ability to see through what mass media offers. The basic idea is to provide students with an opportunity to develop life skills which will enable them to analyze these potent forms of modern communication and to help students to become wise consumers of media and also professional communicators who can contribute to the media industry by being part of it. (*This course is given in Turkish*)

YM441 Online Medya Hukuku (Online Media Law) (3 credits)In information technology law course aims to reveal the legal problems brought about by information technology and the search for solutions to major Internet and legal issues . In this way , students, domain names and trademark law, their protection , electronic and distance contracts (establishment , general terms and conditions , etc.) , domain names and protection, Internet and intellectual property rights, especially P2P File Sharing , access to the Internet blocking and regulations computer programs (software) are protected and learn about website construction contracts. (*This course is given in Turkish*)

YM202 Dijital Tasarım Stüdyosu (Digital Design Studio) (3 credits)Visual and communication gains importance increased in all areas and is directed to interact with the digital era's dynamic today , Digital Design Studio versatile and appealing to different disciplines, constantly transforming through new technologies, open to innovation defines a comprehensive field. (*This course is given in Turkish*)

YM310 Yeni Medya Araştırma Yöntemleri I (New Media Research Methods II) (3 credits)The aim of this course ; The theoretical and practical application of research methods in the social sciences and to inform about what happened and how it was made , describe best practices in the field of public relations and to make research in this area. (*This course is given in Turkish*)

YM312 Yeni Medya Araştırma Yöntemleri II (New Media Research Methods II) (3 credits) The aim of this course ; The theoretical and practical application of research methods in the social sciences and to inform about what happened and how it was made , describe best practices in the field of public relations and to make research in this area. (*This course is given in Turkish*)

YM311 Küresel İletişim (Global Communications) (3 credits) While already has a growing role in the everyday lives of the Citizens of the global communication Social media has become a central part of it and mapping the dynamics of global communication flow is now one of the most importante issues. Technologically, along with cultural and social developments such as the world has become a village McLuhan put it spheronization. Recognizing the establishment of relations with the major source of global communication flow in social production is of great önem by now. differentiated local media and

internet production style is one of the most important points that should be Examined. by removing Removing all Disciplines of road map with global communication systems, especially considering applying social media in areas accessible to the targeted success in the Desired area. At the same time, international relations and the world order is processed again with the knowledge and foresight in matters of global communication. Thus, all effects and in-depth studies to Examine the role of communication in this area without Depending on a single area of globalization. *(This course is given in Turkish)*

YM321 Dijital PR (Digital PR) (3 credits) The purpose of this course is to prepare students to develop their communication skills in the new form of digital environment. Rapidly evolving technologies have also affected the methods of public relation applications. With the help of non state-controlled cheap and easy accessed internet, the web provides new methods for institutions internally and externally of course this has a profound impact on nature of public relations disciplines which is the determining the communication strategy with the target audience. The new technologies that we come across in the digital space; websites, social media networks, blogs, communication with online communities, search engines optimizations, online press releases, online advertising and viral studies, reveals the boundaries of digital public relations which can be defined as a use of public relations disciplines. It is crucial to see how the communications changes within institutions and their employees, customers, shareholders, communities, governments and other stakeholders and managing these changes are crucial in today's digital public relations. Digital public relations environment and tools provide many possibilities to an institution such as; relationships with the organization's stakeholders, to expand its market share, image and strengthen its reputation, products, services and promote their brand, corporate identity support, problem management, corporate social responsibility, crisis management, online reputation and perception management in his regard. The Digital PR course has a comprehensive content on the the emergence of the Digital PR concept and its tools, application areas, benefits, and effects and it is a field that requires a sine qua non as well as dominion for today's communications. *(This course is given in Turkish)*

YM334 Yeni Medyada İnovasyon (New Media Innovation) (3 credits) In our era of the inevitable wide perspective , it has become a necessity to gain an overview of the different groups and disciplines to contemporary relationships and knowledge and innovation management focusing them overlap. Innovation in new media , using all channels in the digital domain and configuring also the business perspective , the students how to manage information , how to handle the digital field in innovative study provides information on innovation and new product development process in the company . Students reflection , discussion , case studies, reading literature reviews , gives practical skills in research and administration *(This course is given in Turkish).*

YM401 Proje I (Project I) (3 credits) This course aims at evaluating the student's degree of knowledge received during training, it takes it to do research on a topic chosen by related, in his research direction is to provide professional and gain experience for the company to contribute to the scientific field. *(This course is given in Turkish)*

YM402 Proje II (Project II) (3 credits) This course aims at evaluating the student's degree of knowledge received during training, it takes it to do research on a topic chosen by related, in his research direction is to provide professional and gain experience for the company to contribute to the scientific field *(This course is given in Turkish).*

YBS250 CRM (CRM) (3 credits) The purpose of this course is to explain the importance of informatics and information systems, the role of the systems analyst, understanding organizational styles and its impact on information systems, information gathering: interactive methods, agile modeling and prototyping, work process analysis, data flow diagrams, preparing the systems proposal, designing effective output and input, effective data entry procedures. *(This course is given in Turkish)*

YM243 Pazarlama İletişiminde Yeni Medya Teknolojileri (New Media Technologies in Marketing Communications) (3 credits) This course aims to developing in new media have led to the rise of what has become known as 'social media'. The shift towards mass self-communication has lowered the *technological thresholds* for everyday users to connect and to become 'producers' in media life. However, the question is to what extent users interacting in this ecosystem are empowered – and not disempowered – to express their creativity and concerns and to obtain a prominent role in new media design and innovation (*This course is given in Turkish*).

KYP001 Kariyer ve Yaşam Programı (Career and Life Planning) (1 credits) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. (*This course is given in Turkish*)

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution I) (2 credits) (*See General Education*)

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution II) (2 credits) (*See General Education*)

TRD101 Türk Dili I (Turkish Language I) (2 credits) (*See General Education*)

TRD102 Türk Dili II (Turkish Language II) (2 credits) (*See General Education*)

ELECTIVES

YM351 Çevrimiçi Habercilik (Online Journalism) (3 credits) The purpose of this course is to prepare students to develop their communication skills in the new form of journalism. Throughout the Course, online journalism will be thought with Turkish Press History, basic journalistic arguments, news writing technics, ethic of online journalism, the effects of new Technologies to online journalism, citizen and social media journalism, digital photojournalism, visual content production and publication in kind of photography and video. (*This course is given in Turkish*)

YM411 Dijital Aktivizm (Digital Activism) (3 credits) Thanks to technological infrastructure with globalization has facilitated people's access to the internet. With globalization and the Internet has increased the domain of digital activism. There are a few significant events that mark the history of digital activism. To become part of our everyday life Digital activism began with the emergence of Wikileaks right to the end of 2010. Especially social media platforms to make their voices heard in the democratic activists who seek to use what happened with the Arab Spring process of digital activism has now shown how to be effective. Then Occupy Wall Street! 'Actions and riots in London was almost possible to see added to the Occupy movement that spread by globalization on different topics in each country. especially out adventure emergence of social networking and have to use different practices in different regions of the world of new media tools should also be evaluated for their events so for every society. The most important event of the digital activism; The Zapatistas, Wikileaks, the Arab Spring, Occupy Wall Street, London Rebellion, Internet to my touch, Travel is Events (*This course is given in Turkish*).

HIR345 İletişim Kuramları (Communication Theories) (3 credits) The purpose of this course is to explain students historical evaluation of the communication studies and to examine in detail mainstream and critical theories in a holistic approach. The course includes a detailed examination of mainstream and critical theories in pursuit of the evolution of the communication studies in an historical perspective, regarding their interdisciplinary qualification. The course also aims to gain an analytic point of view to students for comprehending global role and effects of mass communication (*This course is given in Turkish*).

YM211 Medya Teknolojisi Tarihi (The History of Media Technology) (3 credits) Media has been developed the impact of technology. This course is designed to prepare students to develop their communication skills in the new form of digital environment. Throughout the course, mass media and new media elements will be examined with all its aspects such as social media and its cultural effects, privacy and surveillance, brand communication in social media, ethics, crowd sourcing and latest trends and impacts. Students who attend the course are aimed to have the ability to explain aspects of social media and to analyze the cases and potential communication crisis and to find creative solutions for new forms of effective communication in the social plateau of this emerging digital environment. Moreover, students will understand the connection between social media and the understanding of new media (*This course is given in Turkish*).

YM252 Seçim kampanyalarında Sosyal Medya Yönetimi (Social Media Management in Election Campaigns) (3 credits) The impact of the mass media during the election period is a condition that can not be ignored. So much so that political parties are using all means of mass communication in the most active way aims to realize the most efficient level of political communication. Many political parties work in cooperation with the agency for it, it is reshaping programs both parties in accordance with the expectations and demands of both the period leading image. In this sense, today can not ignore one of the most effective communication channel that politicians and the internet has become the most active area in which you want to use. Especially in election campaigns over Obama's Facebook has created an important example for all politicians in the world. Now the public addressed not at the same time all the leaders, using technological tools and social party members in charge of the media age only on television or meeting space to comment on both their own party agenda is to enter content. Voter brings longer wished to share via social media by making their complaints and requests. The course covers social media, especially during the election campaign period to create or support what will be discussed in detail, as used in such a way (*This course is given in Turkish*).

YM153 İletişim ve Sanat (Communication and Art) (3 credits) This course represents the art to the students over the relationship of new media and society. The primary concern of the course is to establish a general theory of art as an historical entity which is reflective of changing social values, and technological advancements. Additionally, the student is provided with specific examples of the most important artists and art products of this era of mass communication. Slides and assigned readings will be drawn from areas such as conceptual art, postmodern art, as well as areas that demonstrate ambiguity and absurdity, two general characteristics of much of 20th century art (*This course is given in Turkish*).

YM152 İletişim ve Medya (Communication and Media) (3 credits) This course , which had experienced a radical transformation of the global multi-media environment and is designed for first-year students participate in them . As a basic course covering a year , aims to teach media literacy to advanced critical cultural consumers and producers and to convert them to be an open forum / experience to provide the atmosphere. The course is interdisciplinary media culture , comparative and approached from a historical perspective " media " verbally the concept , writing , print , theatrical , photographic , to include cinematic and digital cultural forms and practices are approached from a wide angle (*This course is given in Turkish*).

YM130 Dijital Reklam Kampanyaları (Digital Advertising Campaigns) (3 credits) Advertising scope to pass all stages of the development of digital communication campaign to introduce students to both the theoretical as well as through applications and digital advertising through the medium of communication enabling them to grasp the difference between traditional advertising communication (*This course is given in Turkish*).

YM213 Ekstrem Pazarlama (Extreme Marketing) (3 credits) In this course, digital conversion and the latest digital marketing communications channels and major drivers of the trends shaping the future it will be discussed. To understand the dynamics of the digital world and to experience that consumers often spend his time where the Internet through the eyes of consumers, not producers (*This course is given in Turkish*).

Public Relations and Advertising (Turkish)

About Program

The program, based on a communication-marketing education focus, aims at developing applied skills. Theoretical and applied lectures are designed to analyze advertising and public relations campaigns as well as building necessary communication skills with respect to media, agency and customer relations. The program provides several elective courses aiming to provide students to have a chance at specializing in their field of interest.

Objectives

The aim of the Public Relations and Advertising Department is to educate upcoming communication professionals with critical and analytical tools especially in the areas of creativity, interpersonal communication, strategy and research necessary for working in marketing communications field. The total credits required for the satisfactory completion of the curriculum are 120 credits. The program additionally requires internship enduring 30 work days.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HIR131	Reklamcılığın Temelleri	Yes	Yes	3+0	3
HIR145	İletişimin Temelleri	Yes	Yes	3 + 0	3
ATA101	Atatürk İlkeleri ve İnkılâp Tarihi I	Yes	Yes	2 + 0	2
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0 + 2	1
SECGNL1YY	Seçmeli Fakülte/Üniversite/Yabancı Dil Dersleri	No	Yes	3 + 0	2
SECBOL1YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3

[+] 1st Semester Elective Course List

Total	15
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2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HIR122	Halkla İlişkilerin Temelleri	Yes	Yes	3 + 0	3
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
ATA102	Atatürk İlkeleri ve İnkılâp Tarihi II	Yes	Yes	2 + 0	2
PSI105	Davranış Bilimleri	Yes	Yes	3 + 0	3
SECBOL2YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECGNL2YY	Seçmeli Fakülte/Üniversite/ Yabancı Dil Dersleri	No	Yes	2 + 0	2

[+] 2nd Semester Elective Course List

Total :	15
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HIR221	Halkla İlişkiler Kampanyaları	Yes	Yes	3+0	3
HIR231	Reklam Analizi	Yes	Yes	3+0	3
HIR247	Pazarlama İlkeleri	Yes	Yes	3+0	3
ISL151	İşletmeye Giriş	Yes	Yes	3+0	3
SECGNL3YY	Seçmeli Fakülte/Üniversite/Yabancı Dil Dersleri	No	Yes	2+0	2

[+] 3rd Semester Elective Course List

Total	15
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4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HIR242	Medya, Kültür ve Toplum	Yes	Yes	3+0	3
HIR234	Reklam Kampanyaları	Yes	Yes	3+0	3
HIR248	İletişim Odaklı Araştırma Yöntemleri	Yes	Yes	3+0	3
HIR224	Halkla İlişkilere Güncel Yaklaşımlar	Yes	No	3+0	3
SECGNL4YY	Seçmeli Fakülte/Üniversite/Yabancı Dil Dersleri	No	Yes	3+0	3

[+] 4th Semester Elective Course List

Total :	15
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HIR331	Reklam Metni Yazarlığı	Yes	Yes	3 + 0	3
HIR343	Marka Yönetimi	Yes	Yes	3 + 0	3
HIR345	İletişim Kuramları	Yes	Yes	3 + 0	3
SECBOL5YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECGNL5YY	Seçmeli Fakülte/Üniversite/Yabancı Dil Dersleri	No	Yes	3 + 0	3

[+] 5th Semester Elective Course List

Total	15
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6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HIR322	Halkla İlişkiler için Yazım Teknikleri	Yes	Yes	3 + 0	3
HIR344	Medya Planlama	Yes	Yes	3 + 0	3
HIR346	Siyasal İletişim	Yes	Yes	3 + 0	3
HIR336	Reklam Prodüksiyonu	Yes	Yes	3 + 0	3
STJ001	Staj I	Yes	No	0 + 0	0
SECBOL6YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3

[+] 6th Semester Elective Course List

Total :	15
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7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HIR421	Halkla İlişkiler Atölyesi	Yes	Yes	3 + 0	3
HIR445	Pazarlama Araştırmaları	Yes	Yes	3 + 0	3
HIR447	İletişim Etiği	Yes	Yes	3 + 0	3
SECBOL7YY	Seçmeli Bölüm Dersi	No	Yes	3 + 0	3
SECGNL7YY	Seçmeli Fakülte/Üniversite/Yabancı Dil	No	Yes	0 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Dersleri				
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[+] 7th Semester Elective Course List

Total	15
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8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HIR430	Reklam Atölyesi	Yes	Yes	3 + 0	3
HUK291	İletişim Hukuku	Yes	Yes	3 + 0	3
HIR450	Pazarlama İletişiminde Yeni Yaklaşımlar	Yes	Yes	3 + 0	3
SECBOL8YY	Seçmeli Bölüm Dersleri	No	Yes	3 + 0	3
SECBOL8YY	Seçmeli Fakülte/Üniversite/Yabancı Dil Dersleri	No	Yes	0 + 0	3

[+] 8th Semester Elective Course List

Total :	15
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Grand Total	120
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

HIR131 Reklamcılığın Temelleri (Foundations of Advertising) (3 credits) The purpose of this course is to introduce students to advertisement in theory and practice with its dimensions of marketing, design, and to develop an understanding on advertisement campaigns and process of advertising production. *(This course is given in Turkish)*

HIR145 İletişimin Temelleri (Foundations of Communication) (3 credits) The purpose of this course is to teach the cognitive explications and approaches of the communication. As a part of this course, communication notion will be discussed as a process in psychological, social and cultural reflections and the functions of communication, key elements and operation of the communication process will be approached *(This course is given in Turkish).*

HIR122 Halkla İlişkilerin Temelleri (Fundamentals of Public Relations) (3 credits) The purpose of this course is designed to introduce the students to the structure of public relations area, as well as its history by examining communication and persuasion concepts of effective public relations theory. Through chapters, readings, and case analyses, we will identify and discuss related issues as public relations history, role, ethical and professional standards, media relations, crisis management and public opinion *(This course is given in Turkish).*

HIR231 Reklam Analizi (Advertising Analysis) (3 credits) The purpose of this course is to develop an understanding on contents of advertisements with its social and cultural meanings. The course provides students the ability to analyze contents of advertisements within critical perspectives *(This course is given in Turkish).*

HIR221 Halkla İlişkiler Kampanyaları (Public Relations Campaigns) (3 credits) The purpose of this course is to aim to create an opportunity to make a practice by analyzing the examples of successful public relations campaigns *(This course is given in Turkish).*

HIR247 Pazarlama İlkeleri (Marketing Principals) (3 credits) The purpose of this course is to inform the students and to understand the skills that related to the basic concepts and principles which support the marketing process *(This course is given in Turkish).*

HIR224 Halkla İlişkilere Güncel Yaklaşımlar (Contemporary Approaches to Public Relations) (3 credits) Rapidly evolving technologies have also affected the methods of public relation applications. With the help of non state-controlled cheap and easy accessed internet, the web provides new methods for institutions internally and externally of course this has a profound impact on nature of public relations disciplines which is the determining the communication strategy with the target audience. The new technologies that we come across in the digital space; websites, social media networks, blogs, communication with online communities, search engines optimizations, online press releases, online advertising and viral studies, reveals the boundaries of digital public relations which can be defined as a use of public relations disciplines. It is crucial to see how the communications changes within institutions and their employees, customers, shareholders, communities, governments and other stakeholders and managing these changes are crucial in today's digital public relations. Digital public relations environment and tools provide many possibilities to an institution such as; relationships with the organization's stakeholders, to expand its market share, image and strengthen its reputation, products, services and promote their brand, corporate identity support, problem management, corporate social responsibility, crisis management, online reputation and perception management in his regard. The Digital PR course has a comprehensive content on the the emergence of the Digital PR concept and its

tools, application areas, benefits, and effects and it is a field that requires a sine qua non as well as dominion for today's communications (*This course is given in Turkish*).

HIR242 Medya, Kültür ve Toplum (Media, Culture and Society) (3 credits) The purpose of this course is to provide students the ability of analyze the relationship of media with society ad culture and to develop an understanding the role of media in the transformation of society and culture (*This course is given in Turkish*).

HIR234 Reklam Kampanyaları (Advertising Campaigns) (3 credits) The purpose of this course is to assist students in acquiring the intellectual skills needed in developing well-planned and effective advertising strategies, but in practice, this course is designed to focus on application. Competing teams of five-to-seven students prepare advertising campaign plans (*This course is given in Turkish*).

HIR248 İletişim Odaklı Araştırma Yöntemleri (Research Methods in Communication) (3 credits) The purpose of this course is to inform about the research methods and practices as theoretical and practical in social sciences and to inform that how they can be made. And to explain the example practices and to do research field (*This course is given in Turkish*).

HIR331 Reklam Metni Yazarlığı (Advertisement Copywriting) (3 credits) The objective of the Copywriting course is to instruct students in comprehension, analyzing, criticizing and creating advertising copies in printed and visual media, especially focusing on linguistic. The second part of the course aims to give students the opportunity to learn copywriting techniques used in mass media advertising and to develop their writing qualifications vis-à-vis the area of expertise (*This course is given in Turkish*).

HIR343 Marka Yönetimi (Brand Management) (3 credits) The purpose of this course is to teach market-oriented culture, customer and competitor analyze, value distribution, distribution channel's design, rating, relationship management, brand management and marketing communication, rivalry dynamics and the consolidation profoundly the strategy of information and marketing in general working strategy by examining and integrating extensive all certain elements of brand communication and branding strategy (*This course is given in Turkish*).

HIR345 İletişim Kuramları (Communication Theories) (3 credits) The purpose of this course is to explain students historical evaluation of the communication studies and to examine in detail mainstream and critical theories in a holistic approach. The course includes a detailed examination of mainstream and critical theories in pursuit of the evolution of the communication studies in an historical perspective, regarding their interdisciplinary qualification. The course also aims to gain an analytic point of view to students for comprehending global role and effects of mass communication (*This course is given in Turkish*).

HIR322 Halkla İlişkiler için Yazım Teknikleri (Public Relations Writing Techniques) (3 credits) The purpose of this course is aim to teach the writing technics which is the most important step of the public relations. This course also aims to teach the persuasion process practically by using the effective writing technics via various examples. (*This course is given in Turkish*)

HIR344 Medya Planlama (Media Planning) (3 credits) The purpose of this course is to define the basic concepts used in media planning by explaining measurement methods and its components. The course also contains development and analysis of a media plan including calculations of basic

components, comparison of media expenditures and analysis of the current situation. By the end of this course, students will be able to evaluate a strategic media planning (*This course is given in Turkish*).

HIR346 Siyasal İletişim (Political Communication) (3 credits) The purpose of this course is to represent to the students over the relationship of media and politics. The primary concern of the course is to establish a general theory of politics. Additionally, the student is provided with specific examples of the most important political history and political campaigns of this era of mass communication. Slides and assigned readings will be drawn from areas such as social science, media and political knowledge, political news, the war on terror and political campaigns (*This course is given in Turkish*).

HIR421 Halkla İlişkiler Atölyesi (Public Relations Workshop) (3 credits) The purpose of this course is aim to examine and practice the public relations projects in a workshop environment. Students will learn how PR projects will be carried into effect by practicing with an agency system and in the direction of corporate public relations departments' demands (*This course is given in Turkish*).

HIR445 Pazarlama Araştırmaları (Marketing Research) (3 credits) This course is designed to define a general framework of the marketing research concept; its different models and types; crystallizing the transition period of the numbers to the marketing knowledge; develop a point of view on research processes, data processing - reporting and finally recovering current applications (*This course is given in Turkish*).

HIR447 İletişim Etiği (Ethics in Communication) (3 credits) The purpose of this course is to develop understanding the concept of ethics, to introduce students to the theoretical approaches on ethics, and accordingly to analyze ethical issues in media activities within the perspective professional ethic codes of communication. (*This course is given in Turkish*)

HIR450 Pazarlama İletişiminde Yeni Yaklaşımlar (New Approaches in Marketing Communications) (3 credits) The purpose of this course is to develop understanding on the history of marketing concept, the transformation of marketing strategies and implications, and new concepts and practices of marketing communication emerged with the new media channels. (*This course is given in Turkish*)

HIR430 Reklam Atölyesi (Advertising Workshop) (3 credits) The purpose of this course is to aim to identify a field that is open to innovation and transforming consistently via new Technologies, and Digital Design Studio that is all round and appeals to the different disciplines in our days when visuality and communication gain importance increasingly in all areas and are interact with dynamics of the digital era (*This course is given in Turkish*).

HIR336 Reklam Prodüksiyonu (Advertising Production) (3 credits) The purpose of this course is to aim the explanation of the production process and creative process of commercial film. During the course, terminology and basic concepts will be explained broadly. Students will be informed about the agencies, legislative regulations and the collaboration with the company of advertisement production as part of the course that approaches the process of film production and photo shoot. (*This course is given in Turkish*).

HUK291 İletişim Hukuku (Communication Law) (3 credits) The purpose of this course is to aim to explain the fundamentals of mass communication law by telling basic concepts such as knowledge acquisition, freedom of thought and expression on the purpose of setting the consciousness of respect to

the fundamental rights and freedoms and superiority of law in the legal execution of mass communication activities. This course also aims to explain the juridical regulations and responsibilities related to the internet, television broadcasting and printed media(*This course is given in Turkish*).

PSI105 Davranış Bilimleri (Behavioral Science) (3 credits) The purpose of this course is to aim to understand the human and the reason of the human behavior in terms of personal and social, to teach the personal differences, manners and to know the human as an individual within the society and the society in which the human lives (*This course is given in Turkish*).

TRD101 Türk Dili I (Turkish Language I) (2 credits) (*See General Education*)

ATA101 Atatürk İlkeleri ve İnkılâp Tarihi I (History of Turkish Revolution I) (2 credits) (*See General Education*)

KYP001 Kariyer ve Yaşam Programı (Career and Life Planning) (1 credit) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. (*This course is given in Turkish*)

TRD102 Türk Dili II (Turkish Language II) (2 credits) (*See General Education*)

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution II) (2 credits) (*See General Education*)

ELECTIVES

HIR143 Medya Okuryazarlığı (Media Literacy) (3 credits) The purpose of this course is to raise the students who have the information and skills that can be used with critical and ethic responsibility and who specialized in communication branch with communication technologies and correspondingly our daily practices that have gained acceleration. (*This course is given in Turkish*).

HIR142 Cultural Readings (Kültürel Okumalar) (3 credits) The objective of the Cultural Readings class is to develop reading, understanding and analyzing skills as well as written and oral expression of the analysis by weekly prepared short assessments on literary texts and films and also group studies during the term (*This course is given in Turkish*).

HIR249 Tüketici Davranışları (Consumer Behaviors) (3 credits) The purpose of this course is to aim that students have an idea profoundly about the individual consumer. This course also provide to look inner world of consumers by concentrating on psychological, sociological and cultural dimension of consumption (*This course is given in Turkish*).

HIR244 İkna Teknikleri (Persuasion Techniques) (3 credits) The purpose of this course is to develop students' interpersonal communication ability in two ways; using audio and visual tools effectively and persuading audiences in consistent with the aim of presentation (*This course is given in Turkish*).

YM114 Yeni Medyaya Giriş (Introduction to New Media) (3 credits) The purpose of this course is to aim to examine new media and digital revolution by approaching all the effects. Because the new platforms have emerged with becoming popular of using internet and with the emergence of new media technologies. Media that we call classic media has fall behind and has given to its place to new media. Especially, after web 2.0 has come into our lives, new media platforms which have been called as social media, has been situated as an factor that forms our communication's methods. Communication forms and consumer prototypes have been effected to these changes and now, consumer who products in all fields becomes dominant communication channels (*This course is given in Turkish*).

HIR341 Sosyal Medya (Social Media) (3 credits) The purpose of this course is to prepare students to develop their communication skills in the new form of digital environment. Throughout the course, social media will be examined with all its aspects such as social media and its cultural effects, privacy and surveillance, brand communication in social media, ethics, crowd sourcing and latest trends and impacts. Students who attend the course are aimed to have the ability to explain aspects of social media and to analyze the cases and potential communication crisis and to find creative solutions for new forms of effective communication in the social plateau of this emerging digital environment (*This course is given in Turkish*).

HIR351 Dijital Pazarlama (Digital Marketing) (3 credits) The purpose of this course is to represent the digital technology to the students over the relationship of marketing and social media. The primary concern of the course is to establish a general theory of digital marketing as an social media which is reflective of changing consumers behavior, and marketing strategies. Additionally, the student is provided with specific examples of the most important digital marketing brands. Slides and assigned readings will be drawn from areas such as digital marketing strategies, social media, consumers behaviors, e-marketing and marketing products or services over the Internet or via mobile technology (*This course is given in Turkish*).

HIR335 Reklam Satış Yönetimi (Advertising Sales Management) (3 credits) The purpose of this course is to aim to understand the advertising theories and practices and to apprehend the differences of each advertisement on the media. This course also aims to know the consumers and customers and to gain the essential informations in order to sell the convenient advertising channels by presenting their expectations (*This course is given in Turkish*).

HIR324 STK'larda Halkla İlişkiler (Public Relations in Non- Governmental Organizations) (3 credits) The purpose of this course is to provide students an understanding on the concept of civil society; to introduce them to the features of civil society organizations and their roles and importance in society; and to gain ability to manage and analyze civil society organizations' research, planning, implementation and evaluation processes within their marketing and communication activities (*This course is given in Turkish*).

HIR441 Spor Odaklı Pazarlama İletişimi (Sports Related Marketing Communication) (3 credits) The purpose of this course is to develop understanding on the mechanism of sports industry, the stakeholders of this industry, and the contribution of sports to organization as a communicational tools (*This course is given in Turkish*).

HIR443 Medya Çalışmaları (Media Studies) (3 credits) The purpose of this course is to approach all the effects of media as a practical and theoretic with the critical perspective. Media effects on social have taken a spiral with the economical, technological and social developments. Marshall McLuhan who is the most important theoreticians of media has studied on technological determinism, re-tribalization

era, performance age, “medium is message” and has showed that online media transformed the world to a global village with the technological developments. These studies are the basis of this course (*This course is given in Turkish*).

HIR440 Mezuniyet Projesi (Graduation Project) (2 credits) The objective of the Senior Project course is to give student the opportunity to do a research based on his/her undergraduate study, as well as to gain experience intended to contribute the academic and professional fields by the project. (*This course is given in Turkish*).

HIR448 Etkinlik Yönetimi (Event Management) (3 credits) The purpose of this course is to provide a conceptual overview and a systematic study of MICE programming, management, marketing, and practical application and fosters professionalism in MICE management, covering the knowledge base, theory, methodologies and ethics. (*This course is given in Turkish*).

Sports Management (Turkish)

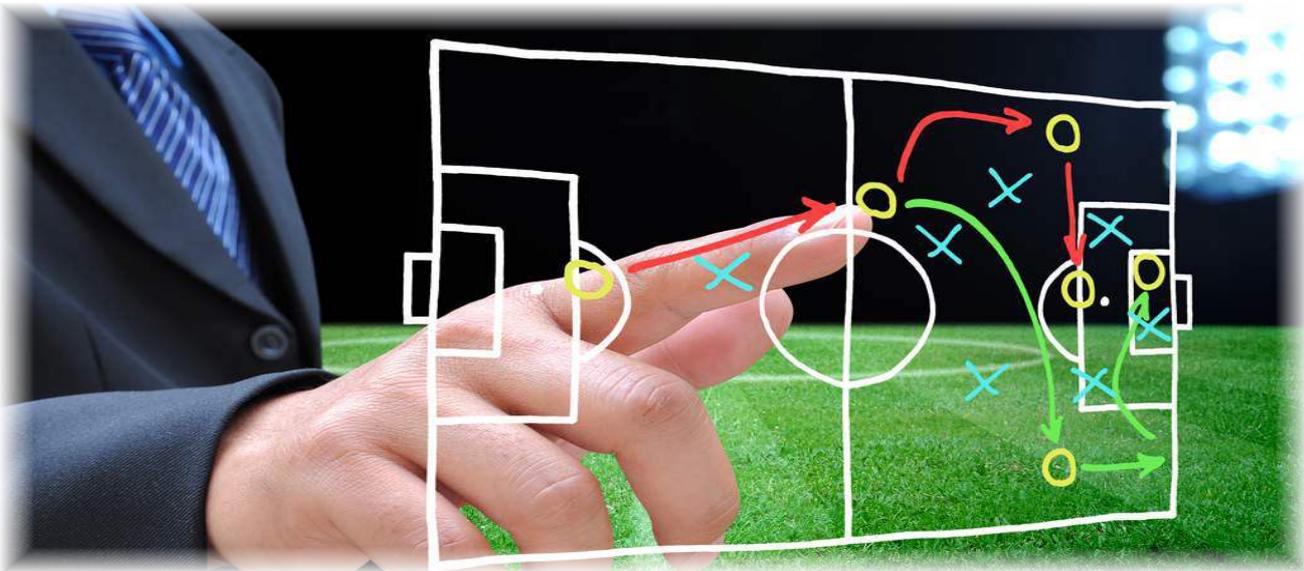
About Program

The Department, which began education in Turkish in 2008 with the name of Sport Sciences, was named after Sports Management. The main objective of the department is to train qualified, conscious, knowledgeable sports managers who has necessary knowledge and skills for sports industry and can compete nationally and internationally. The students, who has successfully complete one year English preparatory education training program, pass to the main program. Relationship with other sciences of sport, the basic elements of management science and their importance in the sports industry are taught during the fouryears.Sports Management, which covers a part of the multidisciplinary social sciences, includes management, marketing organization, human resources, management of sports and economy. Sports Management courses are critical for all departments of Physical Education and Sport Schools. The Department offers theoretical courses for students to give a broad perspective on organizational skills in the field of sport management. The Department of Sports Management offers courses for students to develop their theoretical and practical knowledge. Our students have also the opportunity to enroll in Minor and Double Major Programs. Moreover, they can take advantage of exchange programs conducted with the contractual Universities in the scope of the European Union's ErasmusProgram.Sports Management Program's graduates can work at university's departments of health, physical education and sports, the head of health, cultural and sports, as well as sport science departments, sports centers, General Directorate of Youth and Sport's Central and Provincial Region. Graduates are also employed in sports health centers, sports federations, government agencies and private entities, sports clubs, fitness centers, tourism organizations, institutions and organizations dealing with sport tourism, military schools, sports clubs and school sportsclubs.

Objectives

The Sports Management Program aims to equip the students with all the necessary knowledge and competences to successfully persist in demanding working-life situations for today's sports and leisureindustry.

The total credits required for the satisfactory completion of the curriculum are 121 credits.The program additionally requires two internships each enduring 20 work days.



CURRICULUM

1st SEMESTER COURSEPLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
BLG151	Bilgisayara Giriş	Yes	Yes	1 + 2	2
SYT107	Aktivite Dersi 1	Yes	Yes	1 + 2	2
KYP001	Kariyer ve Yaşam Planlaması	Yes	Yes	0 + 2	1
TRD101	Türk Dili 1	Yes	Yes	2 + 0	2
ATA101	Atatürk İlkeleri ve İnkılap Tarihi	Yes	Yes	2 + 0	2
SYT109	Spor Yönetimine Giriş	Yes	Yes	2 + 0	2
SYT105	Spor Kültürü ve Etkinlikleri	Yes	Yes	1 + 2	2
ISL151	İşletmeye Giriş	Yes	Yes	3 + 0	3
SECGNL1YY	Seçmeli Ders (Yabancı dil/ Üniversite seçmeli)	No	Yes	2 + 2	3
Total					19

2nd SEMESTER COURSEPLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
SYT102	Spor Bilimlerine Giriş	Yes	Yes	2 + 0	2
SYT112	Spor Yönetimi ve Federasyonlar	Yes	Yes	2 + 0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SYT108	Aktivite DersiII	Yes	Yes	1 + 2	2
SYT104	Etkinlik Yönetimi	Yes	Yes	2 + 0	2
SECGNL2YY	Seçmeli Ders (Yabancı dil/ Bölüm seçmeli)	No	Yes	2 + 2	3
SECGNL2YY	Seçmeli Ders (Yabancı dil/ Bölüm seçmeli)	No	Yes	3 + 0	3
[+] 2 nd Semester Elective CourseList					
Total:					18

3rd SEMESTER COURSEPLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SYT203	Spor Anatomisi ve Fizyolojisi	Yes	Yes	2 + 2	3
SYT207	Aktivite DersiIII	Yes	Yes	1 + 2	2
SYT201	Sunum Teknikleri	Yes	Yes	1 + 2	2
SYT205	Spor ve Medya	Yes	Yes	2 + 0	2
IST251	İstatistiğe Giriş	Yes	Yes	3 + 0	3
SECGNL3YY	Seçmeli Ders (Yabancı dil/ Üniversite seçmeli)	No	Yes	2 + 2	3
[+] 3 rd Semester Elective CourseList					
Total:					15

4th SEMESTER COURSEPLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SYT204	Spor Tarihi	Yes	Yes	2 + 0	2
SYT206	Antrenman ve Hareket Bilimleri	Yes	Yes	2 + 2	3
SYT210	Spor Sosyolojisi ve Etiği	Yes	Yes	2 + 0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

MFY251	Muhasebeye Giriş	Yes	Yes	3 + 0	3
SYT208	Aktivite DersiIV	Yes	Yes	1 + 2	2
SYT212	Spor Yönetiminde Araştırma Teknikleri	Yes	Yes	2 + 0	2
SECGNL4YY	Seçmeli Ders (Yabancı dil/ Üniversite seçmeli)	No	Yes	2 + 2	3
[+] 4th Semester Elective CourseList					
Total:					17

5th SEMESTER COURSEPLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SYT307	Aktivite Dersi V	Yes	Yes	1 + 2	2
SYT309	Spor Pazarlaması	Yes	Yes	2 + 0	2
SYT321	Sporda Bütçe ve Finans	Yes	Yes	2 + 0	2
SYT327	İş Hayatı Etkinlik Yönetimi	Yes	Yes	2 + 0	2
SYT305	Spor Turizmi ve Ticari Rekreasyon	Yes	Yes	2 + 0	2
SECGNL5S	Seçmeli Ders (Bölüm seçmeli/ Üniversite seçmeli)	No	Yes	2 + 0	2
SECGNL5YY	Seçmeli Ders (Yabancı dil/ Üniversite seçmeli)	No	Yes	2 + 2	3
[+] 5th Semester Elective CourseList					
Total:					15

6th SEMESTER COURSEPLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SYT322	Spor Kuruluşları	Yes	Yes	2 + 0	2
SYT324	Rekreasyonel Spor Yönetimi	Yes	Yes	2 + 0	2
SYT308	Toplumsal Duyarlılık Projeleri	Yes	Yes	0 + 2	1

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SYT326	Aktivite DersiVI	Yes	Yes	1 + 2	2
SYT310	Sporda Yönetim ve Liderlik	Yes	Yes	2 + 0	2
SECGNL6YY	Seçmeli Ders (Bölüm seçmeli/ Üniversite seçmeli)	No	Yes	2 + 0	2
SECGNEL6Y Y	Seçmeli Ders (Yabancı dil/ Üniversite seçmeli)	No	Yes	2 + 2	3
[+] 6th Semester Elective CourseList					
Total:					14

7th SEMESTER COURSEPLAN

Code	CourseTitle	*C	**A	***L+P Hours	Credits
SYT403	Spor Yönetimi Uygulaması	Yes	Yes	1 + 2	2
ISL220	Girişimcilik	Yes	Yes	2 + 2	3
SYT401	Sporda İnsan Kaynakları Yönetimi	Yes	Yes	3 + 0	3
SECBOL7YY	Seçmeli Ders(Bölüm seçmeli)	No	Yes	2 + 0	2
SECBOL7YY	Seçmeli Ders(Seçmeli Bölüm)	No	Yes	2 + 0	2
[+] 7th Semester Elective CourseList					
Total:					12

8th SEMESTER COURSEPLAN

Code	CourseTitle	*C	**A	***L+P Hours	Credits
SYT406	Spor Ekonomisi	Yes	Yes	2 + 0	2
SYT408	Sporda Proje Yönetimi	Yes	Yes	1 + 2	2
SECBOL8Y Y	Seçmeli Ders(Bölüm seçmeli)	No	Yes	4 + 0	2
	Seçmeli Ders(Seçmeli Bölüm)	No	Yes	4 + 0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SECGENL8Y Y	Seçmeli Ders (Yabancı dil/Üniversite seçmeli)	No	Yes	2 + 2	3
[+] 8th Semester Elective CourseList					
Total:					11
Grand Total					121

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Course Descriptions

SYT105 Spor Kültürü ve Etkinlikleri (Sports Culture and Activities) (2 credits) This course aims to: Sports culture to explain the multi-disciplinary aspects. To ensure that the relationship between sports culture of learning by developing the student's ability to think analytically. Sports instill the culture of the student and the student's work to ensure the implementation of the vaccination ring sports culture. *(This course is given in Turkish).*

YBS107 Bilgisayar Uygulamaları (Computer Applications) (3 credits) This course aims to: This course calculations by increasing the skills of the students to excel, reporting, aims to gain the ability to summarize and analyze. Thus, the training will be more functional and businesses. *(This course is given in Turkish).*

SYT109 Spor Yönetimine Giriş (Introduction to Sport Sciences) (2 credits) This course aims to: Sports management science to explain the multi-disciplinary aspects. Its relationship with other sciences to develop analytical thinking skills of the students. In today's sports world with examples of how to tell the students that the industrialized nations. *(This course is given in Turkish).*

TRD101 Türk Dili 1 (Turkish Language I) (2 credits) *(See General Education)*

ISL151 İşletmeye Giriş (Introduction to Business) (3 credits) This course aims to: Sports management science to explain the multi-disciplinary aspects. Its relationship with other sciences to develop analytical thinking skills of the students. *(This course is given in Turkish).*

SYT107 Aktivite Dersi I (Activity Class I) (2 credits) This course aims to: The content of this course, students are taught swimming branches techniques and applications. *(This course is given in Turkish).*

KYP001 Kariyer ve Yaşam Programı (Career and Life Planning) (1 credits) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish).*

SYT205 Spor ve Medya (Sport and Media) (2 credits) This course aims to: Telling sports and media the multidisciplinary aspects. Position in the media industry and the importance of sports today. *(This course is given in Turkish).*

SYT201 Sunum Teknikleri (Presentation Techniques) (3 credits) This course aims to: Telling the multidisciplinary aspects of presentation techniques. Its relationship with other sciences to develop analytical thinking skills of the students. *(This course is given in Turkish).*

SYT207 Aktivite Dersi 3 (Activity Class III) (2 credits) This course aims to: The content of this course, students are taught the football industry techniques and practices. *(This course is given in Turkish).*

SYT203 Spor Anatomisi ve Fizyolojisi (Sports Anatomy and Physiology) (3 credits) This course aims to:Sports Anatomy and tell the multidisciplinary aspects of physiology. Its relationship with other sciences to develop analytical thinking skills of the students indicate. Sharing with students, sports Anatomy and Physiology of combining literature. *(This course is given in Turkish).*

IST251 İstatistiğe Giriş (Introduction to Statistics) (3 credits) This course aims to:Statistics tell scientists with multidisciplinary aspects. Its relationship with other sciences to develop analytical thinking skills of the students indicate. *(This course is given in Turkish).*

SYT309 Spor Pazarlaması (Sports Marketing) (2 credits) This course aims to: Telling the multidisciplinary aspects of marketing science. Its relationship with other sciences to develop analytical thinking skills of the students. *(This course is given in Turkish)*

SYT321 Sporda Bütçe ve Finans (Budget and Finance In Sport) (2 credits) This course aims to:Explaing Sports on Budget and Finance to the science and multidisciplinary aspects. Its relationship with other sciences to develop analytical thinking skills of the students.

SYT108 Aktivite Dersi 2 (Activity Class II) (2 credits) This course aims to:The content of this course, students are taught techniques and practices tennis. *(This course is given in Turkish)*

SYT327 İş Hayatı ve Etkinlik Yönetimi (Business Life and Events Management) (2 credits) This course aims to: Explaining Business life events management the multi-disciplinary aspects. Its relationship with other sciences to develop analytical thinking skills of the students indicate. *(This course is given in Turkish)*

SYT305 Spor Turizmi ve Ticari Rekreasyon (Sport Tourism and Commercial Recreation) (2 credits) This course aims to: Explaining recreational science to the many aspects of the discipline. Its relationship with other sciences to develop analytical thinking skills of the students. position in today's world of recreational activities. *(This course is given in Turkish)*

SYT307 Aktivite Dersi 5 (Activity Class V) (2 credits) This course aims to:The content of this course, students are taught the fitness industry techniques and applications. *(This course is given in Turkish)*

SYT401 Sporda İnsan Kaynakları Yönetimi (Human Resource Management in Sport) (2 credits) This course aims to: Explaining the science of human resource management with a multi-disciplinary aspects. Its relationship with other sciences to develop analytical thinking skills of the students. *(This course is given in Turkish)*

SYT403 Spor Yönetimi Uygulaması (Sports Management Theory and Practice) (2 credits) This course aims to: Describing the structure of sports management. Describing Sports organizations to the management structure of the students. *(This course is given in Turkish)*

TRD102 Türk Dili 2 (Turkish Language 2) (2 credits) *(See General Education)*

ATA101 Atatürk İlkeleri ve İnkılâp Tarihi I (History of Turkish Revolution I) (2 credits) *(See General Education)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution II) (2 credits) (*See General Education*)

SYT102 Spor Bilimlerine Giriş (Introduction to Sport Sciences) (2 credits) This course aims to:Sports science to explain the multi-disciplinary aspects. Its relationship with other sciences to develop analytical thinking skills of the students. (*This course is given in Turkish*)

SYT104 Etkinlik Yönetimi (Event Management) (2 credits) This course aims to:Sports science to explain the multi-disciplinary aspects. Its relationship with other sciences to develop analytical thinking skills of the students. (*This course is given in Turkish*)

SYT204 Spor Tarihi (Sports History) (2 credits) This course aims to:Telling Sports history and multidisciplinary aspects. What are the sources of the history of the sport. (*This course is given in Turkish*)

SYT206 Antrenman ve Hareket Bilimi (Training and Movement Science) (3 credits) This course aims to: Telling the multidisciplinary aspects of training science. Its relationship with other sciences to develop analytical thinking skills of the students indicate. (*This course is given in Turkish*)

SYT212 Spor Yönetimin Araştırma Teknikleri (Research Methods in Sport Management) (2 credits) This course aims to:Explaining the science research techniques and multi-disciplinary aspects. Its relationship with other sciences to develop analytical thinking skills of the students. (*This course is given in Turkish*)

MFY251 Muhasebeye Giriş (Introduction to Accounting) (3 credits) This course aims to: Telling the multidisciplinary aspects of accounting science. Its relationship with other sciences to develop analytical thinking skills of the students. Specifying the relationship between sports and science of accounting to analyze. (*This course is given in Turkish*)

SYT208 Aktivite Dersi 4 (Activity Class IV) (2 credits) This course aims to:The content of this course, students are taught techniques and applications branch korfball. (*This course is given in Turkish*)

SYT322 Spor Kuruluşları (Sport Enterprises) (2 credits) This course aims to:Explaining the structure of the department of sports organizations. Describing Sports organizations to the management structure of the students. (*This course is given in Turkish*)

SYT310 Sporda Yönetim ve Liderlik (Management and Leadership in Sport) (2 credits) This course aims to: Explaining Sports management and leadership to the multi-disciplinary aspects. Its relationship with other sciences to develop analytical thinking skills of the students. (*This course is given in Turkish*)

SYT324 Rekreatif Spor Yönetimi (Organisational Behaviour) (2 credits) This course aims to:Telling the multidisciplinary aspects of organizational behavior. Its relationship with other sciences to develop analytical thinking skills of the students. (*This course is given in Turkish*)

SYT308 Toplumsal Duyarlılık Projeleri (Social Responsibility Projects) (1 credits) This course aims to: Describing Civic Involvement Projects to the multi-disciplinary aspects. Its relationship with other sciences to develop analytical thinking skills of the students Position in today's world of Civic Involvement Project. *(This course is given in Turkish)*

SYT326 Aktivite Dersi 6 (Activity Class VI) (2 credits) This course aims to: The content of this course, students scuba diving industry techniques and practices are taught. *(This course is given in Turkish)*

SYT406 Spor Ekonomisi (Sport Economy) (2 credits) This course aims to: Telling Sports economy to the multidisciplinary aspects. Explaining the basic dynamics of management. *(This course is given in Turkish)*

SYT408 Sporda Proje Yönetimi (Preparing Projects in Sport Management) (2 credits) This course aims to: Telling different fields of Project management. Telling basic Dynamics of management. *(This course is given in Turkish)*

SYT210 Spor Sosyolojisi ve Etiği (Sports Sociology and Ethics) (2 credits) This course aims to: Explaining Sports sociology of science which the multi-disciplinary aspects. Its relationship with other sciences to develop analytical thinking skills of the students. In today's sports world with examples of how to tell the students that the industrialized nations. *(This course is given in Turkish)*

ELECTIVES

İKT151 İktisata Giriş (Introduction to Economy) (2 credits) This course aims to: Telling the multidisciplinary aspects of economics. Its relationship with other sciences to develop analytical thinking skills of the students. Specifying the relationship between sport and to analyze the economics. *(This course is given in Turkish)*

SYT112 Spor Yönetimi ve Federasyonlar (Sports Management and Federations) (2 credits) This course aims to: Explaining federations the multi-disciplinary aspects. analyzing their impact on the structure of the federation of sport management. *(This course is given in Turkish)*

SYT431 Sporda Satış Teknikleri (Sales Techniques at Sports) (2 credits) This course aims to: Telling, sales techniques to the multidisciplinary aspects of the sport. Its relationship with other sciences to develop analytical thinking skills of the students. *(This course is given in Turkish)*

SYT407 Tesis Yönetimi (Facility Management) (2 credits) This course aims to: Telling the multidisciplinary aspects of facility management. Its relationship with other sciences to develop analytical thinking skills of the students. *(This course is given in Turkish)*

SYT410 Spor Semineri (Sport Seminar) (1 credits) This course aims to: Introducing different sports fields to students. *(This course is given in Turkish)*

SYT440 Spor Psikolojisi (Sport Psychology) (2 credits) This course aims to: Telling the multidisciplinary aspects of sport psychology. Its relationship with other sciences to develop analytical thinking skills of the students. *(This course is given in Turkish)*

SYT442 Spor Organizasyonları (Sport Organizations) (2 credits) This course aims to: Telling Sports and multidisciplinary aspects of the organization to tell. Its relationship with other sciences to develop analytical thinking skills of the students indicate. *(This course is given in Turkish)*

SYT325 Özel Kulüplerde Spor Yönetimi (Sports Management in Private Clubs) (2 credits) This course aims to: Explaining sports management in private clubs multi-disciplinary aspects. Its relationship with other sciences to develop analytical thinking skills of the students. *(This course is given in Turkish)*

SYT025 Etkili İletişim Becerileri (Effective Communication Skills) (3 credits) This course aims to: Telling the multidisciplinary aspects of effective communication skills. Creative drama students develop analytical thinking skills to ensure learning. *(This course is given in Turkish)*

SYT001 Yüzme (Swimming) (3 credits) This course aims to: The content of this course, students are taught swimming branches techniques and applications. *(This course is given in Turkish)*

SYT002 Fitness (Fitness) (3 credits) This course aims to: In this course, the content of the fitness of our students are taught techniques and applications. *(This course is given in Turkish)*

SYT004 Futbol (Football) (3 credits) This course aims to: In this course, the content of the football our students are taught techniques and applications. *(This course is given in Turkish)*

SYT005 Yaratıcı Drama ve Animasyon (Creative Drama and Animation) (3 credits) This course aims to: Telling creative drama's the multidisciplinary aspects. Students develop analytical thinking skills to ensure learning creative drama. *(This course is given in Turkish)*

SYT020 Salon Dansları 2 (Ballroom Dancing 2) (3 credits) This course aims to: In this course, the content of ballroom dancing is taught to our student techniques and applications. *(This course is given in Turkish)*

SYT026 Halk Oyunları (Folk Dance) (3 credits) This course aims to: The contents of this course, students are taught folk dance techniques and applications. *(This course is given in Turkish)*

SYT027 Kariyer ve Yaşam Koçluğu (Career and Life Coaching) (3 credits) This course aims to: Telling the multidisciplinary aspects of life coaching. provide necessary guidance on career planning for students. *(This course is given in Turkish)*

SYT033 Birey ve Davranış (Individual and Behavior) (3 credits) This course aims to: Explaining the behavior of the multi-disciplinary aspects. Creative drama students develop analytical thinking skills to ensure learning. *(This course is given in Turkish)*

SYT019 Açık Alan Aktiviteleri Kampı (Outdoor Activities Camping) (3 credits) This course aims to: The contents of this course, students are taught the techniques and practice outdoor activities. *(This course is given in Turkish)*

SYT018 Sualtı Sporları Kampı (Water Sports Camping) (3 credits) This course aims to: In this course, the content of water sports our students are taught techniques and applications. *(This course is given in Turkish)*

Tourism and Hotel Management

About Program

Our four year program aims to prepare the students for a challenging and rewarding career in tourism and hotel management, to allow them to master business practices and to equip them with the knowledge, skills and experiences needed to be successful in the field. Our mission is to provide an educational environment for the leaders of the future in the international hospitality and tourism sectors. Our students learn professional managerial skills derived directly from practices of major companies in hospitality, including international hotel and restaurant chains, travel industry, airlines etc. The education of Okan University, Tourism and Hotel Management Department is based on equipping the students with the certificates that the industry seeks (such as airline ticketing, Fidelio/Opera, Amadeus Selling Platform) and providing the students with the skills needed to continue their career in hospitality, food and beverage or travel sectors as well as to establish their own business by following the tourism and hospitality dynamics. Teaching is conducted in English and students who are not sufficient in English skills are required to follow a one year English preparatory class which is then followed by a four year program. Tourism and Hotel Management program has been enriched with the seminars and field trips in order to create a network opportunity between the students and the tourism industry professionals. Okan University's close collaboration with leading international hotel chains in Turkey and other world-class establishments provides a highly effective milieu for preparing students for the access into an active professional life. Students have advantages by means of relations with the industry. There are several cooperation opportunities with various chain hotels, food&beverage and travel establishments in Istanbul and in other cities in Turkey, thanks to the connections established recently. By the help of current and future memberships to international organizations (SKAL International, UNWTO, etc.) and international industrial and academic activities joined by the faculty members, strong connections for students with the industry will be maintained, both on national and international ground.

Objectives

The Tourism and Hotel Management Program aims to graduate students who meet the needs of the sector by providing them with a high level of theoretical knowledge, analytical skills, information technologies and vocational training in tourism. Graduates of the program are able to follow conceptual, theoretical and legal developments in tourism and related fields; display expertise in different labor positions in tourism industry and develop analytical solutions for the problems.

The total credits required for the satisfactory completion of the curriculum are 122 credits. The program additionally requires a summer internship enduring 60 days and a management internship for the eighth semester.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TRD111	Turkish Language I	Yes	Yes	2 + 0	2
BUS103	Introductionto Business	Yes	Yes	3 + 0	3
THM101	IntroductiontoTourism	Yes	Yes	3 + 0	3
THM103	Business Mathematics	Yes	Yes	3 + 0	3
ATA111	History of TurkishRevolution I	Yes	Yes	2 + 0	2
THM111	Russian forTourismI	Yes	Yes	0 + 6	3
SECGNL1YY	1st SemesterElective (Foreign Language/University)	No	Yes	2 + 2	3

[+] 1stSemesterElective Course List

Total :	19
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2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TRD112	Turkish Language II	Yes	Yes	2 + 0	2
ATA112	History of TurkishRevolution II	Yes	Yes	2 + 0	2
THM102	Behavior and Etiquette in Tourism	Yes	Yes	3 + 0	3
THM104	Principles of Nutrition and Menu Planning	Yes	Yes	3+0	3
THM112	Russian for Tourism II	Yes	Yes	0 + 6	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SECYAB2YY	2nd Semester Elective (Foreign Language/ University)	No	Yes	2 + 2	3
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[+] 2nd Semester Elective Course List

Total :	16
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3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TUR201	Economics of Tourism	Yes	Yes	3 + 0	3
THM203	Introduction to Accounting	Yes	Yes	3 + 0	3
THM205	Tourism Operations Management	Yes	Yes	3 + 0	3
THM207	Travel Terminology	Yes	Yes	3 + 0	3
CLP001	Career and Life Planning	Yes	No	0 + 2	1
SECGNL3YY	3rd Semester Elective (Foreign Language / Department)	No	Yes		3

[+] 3rd Semester Elective Course List

Total	16
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4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
THM202	Food and Beverage Operations	Yes	Yes	3+0	3
THM204	Rooms Division Operations	Yes	Yes	3 + 2	4
THM206	Tourism Law	Yes	Yes	1+ 2	2
THM208	Tourism Intermediaries	Yes	Yes	3+0	3
THM210	Human Resources Management in Tourism	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SECGNL4YY	4th Semester Elective (Foreign Language/Department)	No	Yes	3 + 0	3
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[+] 4th Semester Elective Course List

Total	18
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5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
THM301	Tourism Marketing	Yes	Yes	3 + 0	3
THM303	Hospitality Management	Yes	Yes	3+0	3
THM305	Tourism Destinations of Turkey	Yes	Yes	3+0	3
SECGNL5YY	5th Semester Elective (Department)	No	Yes	2 + 0	3
SECGNL5YY	5th Semester Elective (Department)	No	Yes	2 + 0	3
SECGNL5YY	5th Semester Elective (Department)	No	Yes	2 + 0	3

[+] 5th Semester Elective Course List

Total :	18
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6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
THM302	Research Methods in Tourism	Yes	Yes	1 + 2	2
THM304	Event Management	Yes	Yes	3+0	3
THM306	International Tourism Destinations	Yes	Yes	3 + 0	3
SECBOL6YY	6th Semester Elective (Department)	No	Yes	3+ 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SECBOL6YY	6th Semester Elective (Department)	No	Yes	3+0	3
SECBOL6YY	6th Semester Elective (Department)	No	Yes	3+0	3

[+] 6th Semester Elective Course List

Total :	17
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7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
THM401	Budgeting and Financial Statement Analysis	Yes	Yes	3+0	3
THM403	Current Issues in Tourism	Yes	Yes	3+0	3
SECGNL7YY	7th Semester Elective (University/School/Department)	No	Yes	3+0	3
SECGNL7YY	7th Semester Elective (Department)	No	Yes	3+0	3
SECGNL7YY	7th Semester Elective (Department)	No	Yes	3+0	3

[+] 7th Semester Elective Course List

Total :	15
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8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
THM402	Industry Management Training Project	Yes	Yes	2+2	3

[+] 8th Semester Elective Course List

Total :	3
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Grand Total	122
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

THM101 Introduction to Tourism (3 credits) This course welcomes students into the exciting and diverse hospitality and tourism industry. While providing an understanding of the scope and complexity of the industry, the course covers key hospitality issues, management definitions, and career opportunities available in restaurants, hotels, beverages operations, casinos, theme venues, entertainment centers, cruise lines, and countless other hospitality and tourism business.

THM102 Behavior and Etiquette in Tourism (3 credits) This course is an overview of today's etiquette rules, updated for today's fast-paced lifestyles and ever-changing codes of conduct for work and leisure. A study of the interpersonal and communication skills fundamental for success in the workplace. Students will hone their professional style as they study topics including professional behavior, interpersonal interaction, and civility as they relate to the workplace.

THM104 Principles of Nutrition and Menu Planning (3 credits) The aim of this course is to provide the knowledge of nutrition allows students to personalize information and they will become sophisticated consumer of both nutrients and nutrition information. This information helps students to create right and healthy menu at their food and beverage properties.

THM201 Tourism Economics (3 credits) This course welcomes students into the economic dimensions of hospitality and tourism industry. While providing an understanding of the scope and complexity of the industry, the course covers the subjects “tourism as an economic activity, tourism supply, tourism demand, general economic effects of tourism, effects of tourism on monetary economy, effects of tourism on real economy” and other economics of hospitality and tourism topics.

THM203 Introduction to Accounting (3 credits) This course aims to give an understanding and ability about the importance of accounting and accounting information for business and to use accounting tools during the process of transaction recording, classifying and summarizing.

TUR205 Tourism Operations Management (3 credits) This course aims to develop students with good conceptual knowledge and managerial skills in various functional areas of accommodation establishments.

THM202 Food&Beverage Operations (3 credits) This course focuses on the philosophy and psychology of service as well as technical skills (or the mechanics) of service. Students will experience a combination of service theory reinforced by the actual practice of the concepts learned. Emphasis on the concept of customer relations from its broadest perspective, and the ways it impacts the customer and the interpersonal skills needed to manage situations. Students will understand and appreciate the areas of service that are important and critical from a management point of view.

THM204 Rooms Division Operations (4 credits) The overall objective of the course is to provide an understanding of the essentials of Rooms Division Operations. The course is therefore intended to examine two basic management functions of Rooms Division: Front Office and Housekeeping Operations. Moreover, the course aims at helping students acquire not only the basic skills necessary for the operations, but also management analysis. In this sense, students will be introduced to the concepts and techniques of room sales, forecasting, revenue budgeting, room sales analysis, cost and profit issues, break-even analysis, and room pricing.

THM206 Tourism Law (2 credits) The course aimed to understanding the effects of the law in the field of tourism by the students. To achieve this goal, at the beginning of the course with the basic concepts of law describes the intersection of tourism law such as contracts, legislation proceeds, Ministry of Tourism and the codes. Understanding the limits of the law because the application is expected to be drawn by examining the text of each law.

THM208 Tourism Intermediaries (3 credits) This course provides a systematic and comprehensive overview of the travel industry with the focus on travel agencies; covers the pivotal role of the travel agent and the nature of the relationship between agents and suppliers and between agents and their client.

THM210 Human Resources Management in Tourism (3 credits) This course aims to teach the theory of HRM functions at a sufficient level and to make the students gain the necessary information and ability to practice HRM functions.

THM301 Tourism Marketing (3 credits) This course teaches students how to identify, develop, and promote tourism and hospitality products and services. Issues such as marketing, sales, advertising, and promotion for the tourism and hospitality industry will be explored, along with basic planning and financial topics. Case studies will be used to illustrate both areas of opportunity and challenges to product development.

THM303 Hospitality Management (3 credits) This course aims to develop students with good conceptual knowledge and managerial skills in various functional areas of accommodation establishments.

THM305 Tourism Destinations of Turkey (3 credits) This course examines the development of the touristic areas of Turkey. It provides the students a framework for continuous study of Turkish tourism geography. After the introduction of travel industry and overview of the world, the course gives knowledge on major physical features, regions, and countries of each of the inhabited continents.

THM302 Research Methods in Tourism (2 credits) This course is taught in order to prepare students for future research tasks, graduation projects or dissertations in undergraduate or graduate levels of tourism related fields. It is aimed to teach methods of making research and writing papers or dissertations, as well as statistical analysis in order to interpret the findings in Social Sciences and especially in the field of gastronomy. In the professional life, it is aimed for supervisors or managers to be able to make market researches about customers and/or analyze research outcomes.

THM304 Event Management (3 credits) This course provides a conceptual overview and a systematic study of event programming, management, marketing, and practical application and fosters professionalism in event management, covering the knowledge base, theory, methodologies and ethics.

THM306 International Tourism Destinations (3 credits) This course examines the development of the touristic areas of major travel destinations and attractions travelers are journeying to and developments taking place on a worldwide basis. It provides the students a framework for continuous study of world tourism geography. After the introduction of travel industry and overview of the world, the course gives knowledge on major physical features, regions, and countries of each of the inhabited continents.

THM401 Budget and Financial Statement Analysis (3 credits) The course presents the theory, procedures & practice relating to budgeting process. To determine the quantitative objectives of companies and to measure the degree of achievement of objectives. It also includes planning and controlling business activities.

THM403 Current Issues in Tourism (3 credits) As one of the world's largest industries, and one that brings travelers and host communities into close contact, tourism and travel are rife with challenges. This course delves into these issues from a social science perspective, showing how tourism affects travelers and communities in complex and contentious ways, from commoditization of art forms to sex tourism, drug use, and changes in local economies and culture. It also explores the connection of tourism to global issues such as infectious diseases, climate change, and terrorism.

TRD101 Türk Dili 1 (Turkish Language I) (2 credits) (*See General Education*)

TRD102 Türk Dili 2 (Turkish Language 2) (2 credits) (*See General Education*)

ATA101 Atatürk İlkeleri ve İnkılâp Tarihi I (History of Turkish Revolution I) (2 credits) (*See General Education*)

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution II) (2 credits) (*See General Education*)

KYP001 or CLP001 Kariyer ve Yaşam Programı (Career and Life Planning) (1 credits) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. (*This course is given in Turkish*).

ELECTIVES

THM331 Food and Beverage Management (3 credits) This course aims to provide a knowledge and understanding of the management of food and beverage operations, incorporating the history of the food service industry, the composition of the sector, marketing, menu design, facilities design, layout and equipment. The course also introduces the important element of human resource management within food and beverage operations.

THM333 Hospitality Management Accounting (3 credits) The purpose of this course is to students with the relevant and sufficient information necessary to manage hospitality companies accounting entries and prepare the balance sheet.*Prerequisite: THM203*

THM335 Special Interest Tourism (3 credits) This course aims to present special interest tourism and its relationship with mass tourism through an analysis of factors that have enabled a wide diversity of special interest tourism products to emerge.

THM337 Anatolian Cultural Heritage (3 credits) This course focuses on the cultural tourist destinations of Turkey considering the seven geographical regions. It includes the following subjects:

General overview to Anatolia, tourism geography of Turkey, overview of the major cultural and historical developments in the history and archaeological past of Anatolian Civilizations from the pre-historic period through the founding of the Turkish Republic. Students will be further encouraged to have adequate information concerning the topic (historical sites, customs, language, religion, arts, folklore, etc.) for tourism guidance and tourism management.

THM332 Tourism Policy and Planning (3 credits) The wellspring to the future global growth in tourism is a commitment toward good policy and strategic planning. Governments, the private sector, international organizations, academic institutions, and not-for-profit agencies must be the leaders in developing sustainable tourism policies that transcend the economic benefits and embrace environmental and cultural interests as well. This course offers a comprehensive look into the policy process and how policies link to the strategic planning function as well as influence planning at the local, national and international levels.

THM334 CRM (Customer Relationship Management) (3 credits) The aim of this course is to explain students the fundamental principles and concepts of customer relationship management. Upon successful completion of this class, students will have knowledge of CRM and CRM applications, how CRM fits into overall marketing strategy, customer data integration and requirements, CRM systems and sales force automation applications, CRM integration with marketing automation, and the importance of ethics and privacy in CRM.

THM336 Sales and Revenue Management for Hospitality (3 credits) With this course, receive an introduction to the specifics of the hospitality industry, including the requirements of the various target markets, the contribution of indirect distribution channels and the importance of revenue management. Develop a working knowledge of the sales process used specifically for hotels and how social media is being used in that process. Also learn revenue management skills, including how to interpret and use financial data to make revenue management decisions.

THM431 Graduation Project (3 credits) The project study is that the student can show his/her own talent, ability and knowledge to analyze a case or situation in the tourism related fields to solve a problem under the supervision of an pre-assigned faculty staff. This study executed by the student with using his/her own vision and also creativity will be presented to class before the end of the year and report the study as a short dissertation to his/her supervisor.

THM433 Tourism Information Systems (E-Tourism) (3 credits) The course is a management and marketing application- oriented study of the development of Information Technology and E-Commerce for the tourism organizations. Subjects covered include: the history and overview of IT and the Internet in the Tourism Industry, the use of the Internet for destination and tourism organization marketing, travel industry consumer information search and buying behavior, effective web design strategies, direct and relationship marketing via the Internet, innovation and development of new E-commerce tourism ventures, and finally the management of the overall IT/E-commerce function for Tourism Industry organizations.

THM435 Cultural Heritage Management (3 credits) This course provides the detailed information on archaeological and historical sites of Turkey. It also includes a basis for cultural and heritage tourism management. In addition, it provides students with in depth knowledge on mythology. Especially Anatolia's historical background, archaeological values and mythological characteristics will constitute the basic subjects of this course. The other regions in the world that show archaeological and mythological characteristics are studied.

Tourism and Hotel Management (Turkish)

About Program

Our four year program aims at preparing you for a challenging and rewarding career in tourism and hotel management. Our mission is to allow you to master business practices in accounting, human resources and supervision and to equip you with the knowledge, skills and experiences needed to be successful in our field. The medium of instruction in our department is Turkish and students not knowing English are required to follow a one year English preparatory class which is then followed by a four year program. The four year program developed by our department is based on four major principles:

- Courses on the fundamental concepts of corporate life such as accounting, business administration, economics, law, management
- Courses on the various aspects of tourism and hotel management (communication strategy, branding, hotel management, tourism industry, among others)
- Workshop to develop practical skills and internships that will prepare students for the work place.
- Courses that allow students to learn a second foreign language of their choice such as Russian/Chinese/German/Arabic.

To prepare students for the real business world, to allow them to gain valuable work experience and to provide a practical foundation for the career of their choice an individualized industry internship has been developed. After graduation many students continue on working full time at their internship placements. Students can also apply for a double major or a minor program and may also study abroad within the scope of Erasmus programs.

Objectives

The Tourism and Hotel Management Program aims to graduate students who meet the needs of the sector by providing them with a high level of theoretical knowledge, analytical skills, information technologies and vocational training in tourism. Graduates of the program are able to follow conceptual, theoretical and legal developments in tourism and related fields; display expertise in different labour positions in tourism industry and develop analytical solutions for the problems.

The total credits required for the satisfactory completion of the curriculum are 124 credits. The program additionally requires a summer internship enduring 60 days and a management internship for the whole 8. Semester.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
ATA101	Atatürk İlkeleri ve İnkılâp Tarihi I	Yes	Yes	2 + 0	2
MAT151	Ticari Matematik	Yes	Yes	3 + 0	3
ISL151	İşletmeye Giriş	Yes	Yes	3 + 0	3
TUR110	Genel Turizm	Yes	Yes	3 + 0	3
RUS151	Turizm Rusçası I	Yes	Yes	0 + 6	3
SECYAB1YY	Seçmeli Yabancı Dil I	No	Yes	2 + 2	3

[+] 1. Semester Elective Course List

Total :	19
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2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
ATA102	Atatürk İlkeleri ve İnkılâp Tarihi II	Yes	Yes	2 + 0	2
TUR112	Turizmde Davranış ve Etiket	Yes	Yes	3 + 0	3
TUR114	Beslenme İlkeleri ve Menü Planlama	Yes	Yes	3 + 0	3
RUS152	Turizm Rusçası II	Yes	Yes	0 + 6	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SECYAB2YY	Seçmeli Yabancı Dil II	No	Yes	2 + 2	3
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[+] 2. Semester Elective Course List

Total :	16
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3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TUR215	Turizm Ekonomisi	Yes	Yes	3 + 0	3
TUR219	Turizm İşletmeciliği ve Yönetimi	Yes	Yes	3 + 0	3
TUR231	Turizm İngilizcesi I	Yes	Yes	3 + 0	3
MFY251	Muhasebeye Giriş	Yes	Yes	3 + 0	3
KYP001	Kariyer ve Yaşam Programı	Yes	No	0 + 2	1
SECBOL3YY	Seçmeli Yabancı Dil III/ Bölüm Dersi	No	Yes	0 + 0	3

[+] 3. Semester Elective Course List

Total :	16
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4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TUR240	Yiyecek ve İçecek Operasyonu	Yes	Yes	3 + 0	3
TUR230	Odalar Bölümü Operasyonu	Yes	Yes	3 + 2	4
TUR232	Turizm İngilizcesi II	Yes	Yes	3 + 0	3
TUR234	Turizmde Aracı Kurumlar	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

TUR337	Turizm Mevzuatı	Yes	No	1 + 2	2
SECGNL4YY	Seçmeli Yabancı Dil IV/ Bölüm Dersi	No	Yes	0 + 0	3

[+] 4. Semester Elective Course List

Total :	18
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5. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TUR304	Turizm Pazarlaması	Yes	Yes	3 + 0	3
TUR337	Turizm Mevzuatı	Yes	Yes	3 + 0	3
TUR339	Araştırma Yöntemleri ve Uygulamaları	Yes	Yes	1 + 2	2
STJ001	Staj 1	Yes	No	0 + 0	0
SECGNL5YY	Seçmeli Yabancı Dil / Bölüm Dersi	No	Yes	0 + 0	3
SECGNL5YY	Seçmeli Bölüm Dersi	No	Yes	0 + 0	2
SECGNL5YY	Seçmeli Bölüm Ders	No	Yes	0 + 0	2

[+] 5. Semester Elective Course List

Total :	15
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6. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TUR322	Maliyet Kontrol	Yes	Yes	3 + 0	3
TUR343	Turizmde Güncel Konular	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

TUR348	Turizm Proje Yönetimi	Yes	Yes	3 + 0	3
STJ002	Staj 2	Yes	No	0 + 0	0
SECGNL5YY	Seçmeli Yabancı Dil / Bölüm Dersi	No	Yes	0 + 0	3
SECBOL6YY	Seçmeli Bölüm Dersi	No	Yes	0 + 0	2
SECGENL6YY	Seçmeli Bölüm Dersi	No	Yes	0 + 0	2

[+] 6. Semester Elective Course List

Total :	16
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7. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
MFY451	Bütçe ve Finansal Tablolar	Yes	Yes	3 + 0	3
TUR402	Özel İlgi Turları	No	Yes	3 + 0	3
SECGNL7YY	Seçmeli Yabancı Dil / Bölüm / Üniversite Dersi	No	Yes	0 + 0	2
SECGNL7YY	Seçmeli Bölüm/ Üniversite Dersi	No	Yes	0 + 0	2
SECGNL7YY	Seçmeli Bölüm Dersi	Yes	Yes	0 + 0	2

[+] 7. Semester Elective Course List

Total :	12
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8. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TUR438	Kalite Sistemleri Yönetimi	Yes	Yes	3 + 0	3
TUR430	Turizmde Kurumsal Satış Stratejileri	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Mezuniyete Hazırlık	Yes	Yes	2 + 0	0
SECBOL8YY	Seçmeli Yabancı Dil / Bölüm / Yüksekokul/Üniversite Dersi	No	Yes	0 + 0	2
SECGNL8YY	Seçmeli Bölüm Dersi	No	Yes	0 + 0	2
SECBOL8YY	Seçmeli Bölüm Dersi	No	Yes	0 + 0	2

[+] 8. Semester Elective Course List

Total :	12
Grand Total	124

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

TUR110 Genel Turizm (General Tourism) (3 credits) This course welcomes students into the exciting and diverse hospitality and tourism industry. While providing an understanding of the scope and complexity of the industry, the course covers key hospitality issues, management definitions, and career opportunities available in restaurants, hotels, beverages operations, casinos, theme venues, entertainment centers, cruise lines, and countless other hospitality and tourism business. *(This course is given in Turkish)*

RUS151 Turizm Rusçası I (Tourism Russian I) (3 credits) Simple questions and answer about issues related to students' daily life, numbers, and verb conjugation. *(This course is given in Turkish)*

TUR112 Turizmde Davranış ve Etiket (Behavior and Etiquette in Tourism) (3 credits) This course is designed to examine tourist psychology at individual level and to understand tourist behavior before and after the travel experience and to provide an overview of consumer behavior and psychology in tourism industry. The course examines the factors influencing behavior; knowledge and involvement, attention and comprehension, attitudes and intentions; decision-making behavior; classical and operant learning; cultural influences, reference groups. *(This course is given in Turkish)*

TUR114 Beslenme İlkeleri ve Menü Planlama (Principles of Nutrition and Menu Planning) (3 credits) The aim of this course is to provide the knowledge of nutrition allows students to personalize information and they will become sophisticated consumer of both nutrients and nutrition in formation. This information helps students to create right and healthy menu at their food and beverage properties. *(This course is given in Turkish)*

RUS152 Turizm Rusçası II (Tourism Russian II) (3 credits) Students learn to describe daily life in details, using adjectives, as well as I and II of the present tense shots, past tense forms, the use of action verbs and learn how to model the sentence. *(This course is given in Turkish)*

TUR215 Turizm Ekonomisi (Tourism Economics) (3 credits) This course welcomes students into the economic dimensions of hospitality and tourism industry. While providing an understanding of the scope and complexity of the industry, the course covers the subjects “tourism as an economic activity, tourism supply, tourism demand, general economic effects of tourism, effects of tourism on monetary economy, effects of tourism on real economy” and other economics of hospitality and tourism topics. *(This course is given in Turkish)*

TUR219 Turizm İşletmeciliği ve Yönetimi (Tourism Operations Management) (3 credits) This course aims to develop students with good conceptual knowledge and managerial skills in various functional areas of accommodation establishments. *(This course is given in Turkish)*

TUR231 Turizm İngilizcesi I (Tourism English I) (3 credits) This course is designed to provide students with the ability of conducting communication in English language. In this course, which is constructed on a speaking practice base, the students enjoy the great occasion of role playing. Besides speaking practices the students deal with several exercises on the book, which is completely devoted to the tourism and hospitality sector. *(This course is given in Turkish)*

MFY251 Muhasebeye Giriş (Introduction to Accounting) (3 credits) This course's aim is to give an understanding and ability about the importance of accounting and accounting information for business and to use accounting tools during the process of transaction recording, classifying and summarizing. *(This course is given in Turkish)*

TUR240 Yiyecek ve İçecek Operasyonu (Food & Beverage Operations) (3 credits) This course aims to provide a knowledge and understanding of the management of food and beverage operations, incorporating the history of the food service industry, the composition of the sector, marketing, menu design, facilities design, layout and equipment. The course also introduces the important element of human resource management within food and beverage operations. *(This course is given in Turkish)*

TUR230 Odalar Bölümü Operasyonu (Rooms Division Operations) (4 credits) The overall objective of the course is to provide an understanding of the essentials of Rooms Division Operations. The course is therefore intended to examine two basic management functions of Rooms Division: Front Office and Housekeeping Operations. Moreover, the course aims at helping students acquire not only the basic skills necessary for the operations, but also management analysis. In this sense, students will be introduced to the concepts and techniques of room sales, forecasting, revenue budgeting, room sales analysis, cost and profit issues, break-even analysis, and room pricing. *(This course is given in Turkish)*

TUR232 Turizm İngilizcesi II (Tourism English II) (3 credits) This course is designed to provide students with the ability of conducting communication in English language. In this course, which is constructed on a speaking practice base, the students enjoy the great occasion of role playing. Besides speaking practices the students deal with several exercises on the book, which is completely devoted to the tourism and hospitality sector. Besides, the course aims to develop students' grammatical competence and writing skills in English in order to prepare them for written business communications. *(This course is given in Turkish)* Prerequisite: TUR231

TUR234 Turizmde Aracı Kurumlar (Tourism Intermediaries) (3 credits) This course provides a systematic and comprehensive overview of the travel industry with the focus on travel agencies; covers the pivotal role of the travel agent and the nature of the relationship between agents and supplies and between agents and their client. *(This course is given in Turkish)*

TUR337 Turizm Mevzuatı (Tourism Legislation) (2 credits) The course aimed to understanding the effects of the law in the field of tourism by the students. To achieve this goal, at the begging of the course with the basic concepts of law describes the intersection of tourism law such as contracts, legislation proceeds, Ministry of Tourism and the codes. Understanding the limits of the law because the application is expected to be drawn by examining the text of each law. *(This course is given in Turkish)*

TUR222 Turizmde İnsan Kaynakları Yönetimi (Human Resources Management in Tourism) (3 credits) This course aims to teach the theory of HRM functions like job analysis, HR planning, HR recruitment and selection, HR training and development, performance appraisal, job evaluation and reward management at a sufficient level and to make the students gain the necessary information and ability to practice HRM functions in hospitality enterprises. *(This course is given in Turkish)*

TUR304 Turizm Pazarlaması (Tourism Marketing) (3 credits) This course teaches students how to identify, develop, and promote tourism and hospitality products and services. Issues such as marketing, sales, advertising, and promotion for the tourism and hospitality industry will be explored, along with basic planning and financial topics. Case studies will be used to illustrate both areas of opportunity and challenges to product development. *(This course is given in Turkish)*

TUR339 Araştırma Yöntemleri ve Uygulamaları (Research Methods and Applications) (2 credits)

This course is taught in order to prepare students for future research tasks, graduation projects or dissertations in undergraduate or graduate levels of tourism related fields. It is aimed to teach methods of making research and writing papers or dissertations, as well as statistical analysis in order to interpret the findings in Social Sciences and especially in the field of gastronomy. In the professional life, it is aimed for supervisors or managers to be able to make market researches about customers and/or analyze research outcomes. *(This course is given in Turkish)*

TUR325 Konuk Ağırlama Yönetimi (Hospitality Management) (3 credits) This course aims to develop students' conceptual knowledge and managerial skills in various functional areas of accommodation establishments. *(This course is given in Turkish)*

TUR327 Kongre ve Toplantı Turizmi (Convention and Meeting Tourism) (3 credits) This course provides a conceptual overview and a systematic study of MICE programming, management, marketing, and practical application and fosters professionalism in MICE management, covering the knowledge base, theory, methodologies and ethics. *(This course is given in Turkish)*

TUR340 Turizm Bilgi Sistemi (Tourism Information Systems) (2 credits) The course is a management and marketing application-oriented study of the development of Information Technology and E-Commerce for the tourism organizations. Subjects covered include: the history and overview of IT and the Internet in the Tourism Industry, the use of the Internet for destination and tourism organization marketing, travel industry consumer information search and buying behavior, effective web design strategies, direct and relationship marketing via the Internet, innovation and development of new E-commerce tourism ventures, and finally the management of the overall IT/E-commerce function for Tourism Industry organizations. *(This course is given in Turkish)*

TUR351 Anadolu'nun Kültürel Mirası (Cultural Heritage of Anatolia) (2 credits) This course focuses on the cultural tourist destinations of Turkey considering the seven geographical regions. It includes the following subjects: General overview to Anatolia, tourism geography of Turkey, overview of the major cultural and historical developments in the history and archaeological past of Anatolian Civilizations from the pre-historic period through the founding of the Turkish Republic. Students will be further encouraged to have adequate information concerning the topic (historical sites, customs, language, religion, arts, folklore, etc.) for tourism guidance and tourism management.

TUR322 Maliyet Kontrol (Cost Control) (3 credits) Cost elements in Food & Beverage departments of lodging industry, ways of actualization, Follow up and control processes, Cost control, Revenue and cost concepts, Cost Control Procedures, Purchasing Procedure, Pricing Protocols, Sales Analysis and Control, Warehouse control, HACCP Procedures, Waste control, Cost Control calculation, Recipe Creations, Budgeting, PAR Level calculation. *(This course is given in Turkish)*

TUR343 Turizmde Güncel Konular (Current Issues in Tourism) (3 credits) As one of the world's largest industries, and one that brings travelers and host communities into close contact, tourism and travel are rife with challenges. This course delves into these issues from a social science perspective, showing how tourism affects travelers and communities in complex and contentious ways, from commoditization of art forms to sex tourism, drug use, and changes in local economies and culture. It also explores the connection of tourism to global issues such as infectious diseases, climate change, and terrorism. *(This course is given in Turkish)*

TUR348 Turizm Proje Yönetimi (Tourism Project Management) (3 credits) This course provides students the opportunity to look at the way people handle and manage people and projects. Students are required to learn the duties of project team, the manager and the whole process. Project Management course aims students to understand how to involve people in projects, generating new ideas and practical tools and techniques used in projects. Besides, students find the opportunity of conducting a project on the topics such as entrepreneurship, innovation, and creativity. *(This course is given in Turkish)*

TUR318 Konaklama İşletmelerinde Gelir ve Satış Yönetimi (Sales and Revenue Management in Accommodation Establishments) (3 credits) With this course, receive an introduction to the specifics of the hospitality industry, including the requirements of the various target markets, the contribution of indirect distribution channels and the importance of revenue management. Develop a working knowledge of the sales process used specifically for hotels and how social media is being used in that process. Also learn revenue management skills, including how to interpret and use financial data to make revenue management decisions. *(This course is given in Turkish)*

MFY451 Bütçe ve Finansal Tablolar (Budget and Financial Statements) (3 credits) In today's fast-changing business environment, the right tools are needed in order to use the scarce resources of companies more effectively. Companies should aim at developing and supporting an ideal management understanding. In this context, company budgets should be considered as a means of powerful tools to be used to increase the productivity and profitability. This course aims to examine firstly knowledge about financial tables afterwards concept of budgeting and budgeting as a management tool. *(This course is given in Turkish)*

TUR402 Özel İlgi Turları (Special Interest Tourism) (3 credits) This course aims to present special interest tourism and its relationship with mass tourism through an analysis of factors that have enabled a wide diversity of special interest tourism products to emerge. *(This course is given in Turkish)*

TUR403 Turizm Politikası ve Planlama (Tourism Policy and Planning) (3 credits) The wellspring to the future global growth in tourism is a commitment toward good policy and strategic planning. Governments, the private sector, international organizations, academic institutions, and not-for-profit agencies must be the leaders in developing sustainable tourism policies that transcend the economic benefits and embrace environmental and cultural interests as well. This course offers a comprehensive look into the policy process and how policies link to the strategic planning function as well as influence planning at the local, national and international levels. *(This course is given in Turkish)*

TUR421 Konaklama İşletmelerinde Muhasebe (Accounting for Accommodation Establishments) (3 credits) Introduction to uniform accounting systems in hospitality managements, The features and aims of hospitality management accounting, Acts relating to Liquid Assets in hospitality, managements and entering them in the accounts, Entering sales and acts in the account typify from foreign exchange, The importance of receivable accounts in hospitality, managements and control accounts, Incomes and entering the incomes in the accounts, Travel agencies receivables, Small cash receivables and paid-out receivables, Other trade receivables, Personnel receivables, Stocks in hospitality managements and entering them in the accounts, Costs in hospitality managements and entering them in the accounts. *(This course is given in Turkish) Prerequisite: MFY251*

TUR438 Kalite Sistemleri Yönetimi (Quality Systems Management) (3 credits) Concept of quality, Approaches used in management history towards quality, Classic Management Approach and Total Quality Management (TQM), Deming's Quality Theory and his quality cycle, Evolution of Total

Quality Management through history and its extents and applications, EFQM Perfection Model, Other methods used to improve quality in organizations. *(This course is given in Turkish)*

TUR430 Turizmde Kurumsal Satış Stratejileri (Corporate Sales Strategies in Tourism) (3 credits) Corporate sales process management, Strategy and Planning (growth/turnover, profitability, costs, people, strategy, initiative, goals, action plan), performance (turnover, gross profit, operating expenses, net profit), Market (Market Share, industrial economic dynamics, shifting to the market model), Competition (competitors' strategies, the opportunities-the weaknesses of competitors), customers (RAD Method, customer turnover, profitability), Organization (correct use of resources, resource cost, practises in tourism). *(This course is given in Turkish)*

TUR307 Temel Ücretler ve Biletleme I (Basic Fairs and Ticketing-I) (3 credits) IATA/ICAO and IATA geography & Global Indicators, Introduction Passenger Air Tariff, General Rules, Fares and Fare Rules, Point to Point calculation for one-way journey (direct travel), One-way Journey (including transfer point/points), Mileage System (mileage surcharge, extra mileage allowance), HIP Check-Normal One-way Fares (Higher Intermediate Fare and Back Haul Check), Directional Minimum Fare check for Japan, Return Journey (including transfer point/points), HIP Check-Normal Round Trip Fares (Higher Intermediate Fare and Circle Trip Minimum Check), Pricing Unit Concept-One-way & Return Journey, Ticket issue for all subjects. *(This course is given in Turkish)*

TUR310 Temel Ücretler ve Biletleme I (Basic Fares and Ticketing II) (3 credits) Prepaid Ticket Advice (PTA) & ve Issue MPD (Multiple Purposes Document), Payment, Excursion, Pex Fares and rules, Minimum Stay and maximum stay application (counting days and Sunday Rule), Combination of normal Fares and lowest combination, Add-on Amounts, Mixed Class Fares, Re-Routing & Re-issue, Child & Infant Fares, Issue Ticket for all subjects. *(This course is given in Turkish)*

TUR411 Amadeus Sistemi (Amadeus System) (3 credits) Amadeus Information and Help Pages, Flight Availability, Passenger Name Record, The Modifications On The PNR, Cancellation, Class and Date Change, Copy PNR, PNR Split, PNR History, Que System, Amadeus E-Mail, Passenger Information File, Fare Elements, Fare Quote, Passenger Ticket Mask, The Modifications On The Passenger Ticket Mask, Prepare Airline Ticket, Airline Ticket Cancellation, Passenger Ticket Report, Re-Issue Ticket, Re Validation, Refund, Hotel and Car Reservation. *(This course is given in Turkish)*

TUR342 Otel Tasarımı (Designing Hotels) (3 credits) Introduction of Technical Drawings; how to read a project, plan, section and façades the meaning of different line types and symbols. General information on choice of material, colour, shape and lighting for spaces according to the different branches of the sectors (tourism agency, hotel, resort, tourism company etc.). On site tours of hotels with different concepts to get a better understanding of different solutions; open discussion on how each and different concept works from an interior architects point of view. *(This course is given in Turkish)*

TUR106 Türkiye Turizm Coğrafyası (Tourism Geography of Turkey) (3 credits) Introduction to Tourism Geography: Historical Development of Tourism; The Relationship of Tourism with Other Sciences (Economics and Tourism, History and Tourism, Sociology and Tourism, Psychology and Tourism, Geography and Tourism, Medicine and Tourism, Law and Tourism, etc.); Geographical Basis of Turkish Tourism; Tourism Potential of Black Sea Region; Tourism Potential of Marmara Region; Tourism Potential of Aegean Region; Tourism Potential of Mediterranean Region; Tourism Potential of Central Anatolia Region; Tourism Potential of East Anatolia Region; Tourism Potential of South-East Anatolia Region; Tourism Types in Turkey: 1) Natural Tourism Types; Tourism Types in Turkey: 2) Cultural Tourism Types; General Review and Conclusion. *(This course is given in Turkish)*

TUR436 Turizmde Proje Çalışmalar (Project Studies in Tourism) (3 credits) According to research methodologies, making subject and source research for graduation project in Tourism field, determination of the project's header, subject, preparing reports that include the importance and the reason of the research, time planning, budgeting, HR planning, literature review, determining hypotheses. Applying field study, data gathering, and analysis of data through statistical programs. Identifying the main findings and the ancillary results of the study. Reporting the findings of the study as per research methodologies. *(This course is given in Turkish)*

TUR321 Turizm ve Sağlık (Tourism and Health) (3 credits) Purpose and basic principles of knowledge on health, World Health Organization and International Labour Organization's approach, Job safety and employee health issues in Turkish organizations (laws and regulations), Tourist health, Ways of protection against contagious diseases, employee health in tourism establishments, importance of environmental and societal health in tourism industry, Analysis of risks threatening health and safety in tourism industry, Creating a safety culture in tourism establishments, Effects of health practices on organizational performance efficiency, OHSAS-18001- Health and Safety Standard, First aid and its principles. *(This course is given in Turkish)*

TUR223 Turistik Yerler I (Tourist Destinations I) (3 credits) This course is focused on some of the famous international tourist destinations. Geographical location (area, population, climate); incoming and outgoing tourist numbers, tourism revenue, incoming tourist numbers from Turkey, tourism in come and its share in exports, travel purposes of incoming tourists, expectations of the incoming tourists, the density of tourist numbers permonths and seasons, tourist attraction places, regions, sites, tourist profile visiting the country; tourist product varieties offered tovisitors; time differences, total journey time, the national currency; public holidays, usage of facilities like banks, Exchange office, etc.. (opening and closing hours); visastatus (applications); transport facilities (underground transport system, public transportation, rail, sea, air); rules about the country for touristst obey; things to do before visiting the country (preparation, vaccination, health security, etc.); route planning and tour preparation. *(This course is given in Turkish)*

TUR224 Turistik Yerler II (Tourist Destinations II) (3 credits) This course is focused on some of the famous and potential tourist destinations in Turkey. Geographical location (area, population, climate); incoming and outgoing tourist numbers, tourism revenue, travel purposes of incoming tourists, expectations of the incoming tourists, the density of tourist numbers per months and seasons, tourist attraction places, regions, sites, tourist profile; tourist product varieties offered to visitors; public holidays, usage of facilities like banks, exchange office, etc.. (opening and closing hours); transport facilities (underground transport system, public transportation, rail, sea, air); rules about the destination for tourists to obey; things to do before visiting the destination (preparation, vaccination, health security, etc.); route planning and tour preparation. *(This course is given in Turkish)*

TUR300 Kültürel Değerler (Cultural Values) (3 credits) History of culture, definition of culture and its characteristics, relationship between culture and rules, functions of culture; social personality and culture, values and culture, behavior and culture, social norms and culture, customs and culture, traditions and culture, generation of national and local cultures, culture types, and cultural change analysis. *(This course is given in Turkish)*

TUR427 Galileo Sistemi I (Galileo System I) (3 credits) This course designed to prepare students to be intermediate staff Tourism Sector. Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about tourism Subjects, global strategy, structure and implementation. *(This course is given in Turkish)*

TUR408 Tarih ve Turizm (History and Tourism) (3 credits) Aim of this course, It will be proved that tourism historical processing cause factors many ways that get in conscious.They will be informed in today and future of tourism development. *(This course is given in Turkish)*

TUR428 Galileo Sistemi II (Galileo System II) (3 credits) This course designed to prepare students to be intermediate staff Tourism Sector.Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about tourism Subjects, global strategy, structure and implementation. *(This course is given in Turkish)*

TRD101 Türk Dili 1 (Turkish Language I) (2 credits) *(See General Education)*

TRD102 Türk Dili 2 (Turkish Language 2) (2 credits) *(See General Education)*

ATA101 Atatürk İlkeleri ve İnkılâp Tarihi I (History of Turkish Revolution I) (2 credits) *(See General Education)*

ATA102 Atatürk İlkeleri ve İnkılâp Tarihi II (History of Turkish Revolution II) (2 credits) *(See General Education)*

KYP001 or CLP001 Kariyer ve Yaşam Programı (Career and Life Planning) (1 credits) The purpose of this course is to ensure that students specify their expectations from university education, spend this process in a productive way and improve themselves, and make them get knowledge about professional life and prepare for it during their studies since the first years of their undergraduate education. *(This course is given in Turkish).*

SCHOOL OF HEALTHY SCIENCES

Child Development (Turkish)

About Program

In the 21st century, child development is one of the scientific fields that attract utmost attention, both from scientists and the general public. Healthy development and sense of well-being of a child is not only under families' responsibility but also under society's responsibility. The primary objective of the Department is to educate professionals who will provide guidance, counseling and research services in this important scientific field.

Objectives

The aim of the Graduate (Masters) Program of Child Development and Education is to make students equipped with theoretical knowledge on the following: supporting the physical, cognitive, social, affective and linguistic development of children (aged 0-18) in all fields where healthcare and educational services are provided, developing self-care skills of the children, protecting and improving their both their mental and psychical health, providing effective and high quality diagnosis and assessment, carrying out required applications and guidance where special education is to be offered. The program also aims to educate and raise child development and education scholars equipped with the following qualities: being able to put all the relevant theoretical knowledge into practice, inquiring, questioning, analyzing, capable of identifying the problems with regard to their specialty, having grasped and adopted scientific methodology, and being prone to working in an interdisciplinary manner. The Total credits required for the satisfactory completion of the curriculum are 129 credits. The program additionally requires 3 internships each enduring 44 work days.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CGE113	Çocuk Gelişimine Giriş	Yes	Yes	2 + 0	2
SBYO101	Anatomi	Yes	Yes	2 + 2	3
TRD101	Türk Dili I	Yes	Yes	2+0	2
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2+0	2
	Seçimlik Yabancı Dil Language	Yes	Yes	2+2	3
	Seçimlik Ders	No	Yes	2+0	2
	Seçimlik Ders	No	Yes	2+0	2
Total					16

1st SEMESTER ELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG111	İngilizce I	No	Yes	2+2	3
ENG113	Akademik Okuma ve Yazma I	No	Yes	2+2	3
CGE115	Ana-Baba-Çocuk İletişimi	No	Yes	2 + 0	2
CGE106	Türk Toplumunda ve Farkı Kültürlerde Çocuk	No	Yes	2+0	2

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CGE108	Gelişim Psikolojisi I	Yes	Yes	2+0	2
SBYO102	Fizyoloji	Yes	Yes	3+0	3
TRD102	Türk Dili II	Yes	Yes	2+0	2
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2+0	2
KYP001	Kariyer ve Yaşam Planlama	Yes	Yes	0+2	1
	Seçimlik Yabancı Dil Language	Yes	Yes	2+2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçimlik Ders	No	Yes	2+0	2
	Seçimlik Ders	No	Yes	2+0	2
Total					17

2nd SEMESTER ELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG112	İngilizce I	No	Yes	2+2	3
ENG114	Akademik Okuma ve Yazma II	No	Yes	2+2	3
CGE107	Erken Çocukluk Döneminde Müzik	No	Yes	2+0	2
CGE110	Psikolojiye Giriş	No	Yes	2+0	2

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CGE219	Gelişim Psikolojisi II	Yes	Yes	2+0	2
CGE205	Bebeklik Döneminde Gelişim ve Eğitim	Yes	Yes	2+2	3
CGE221	Erken Çocukluk Döneminde Matematik Eğitimi	No	Yes	3+0	3
CGE204	Erken Çocukluk ve Eğitim Döneminde Gelişim	Yes	Yes	2 + 2	3
	Seçimlik Ders	No	Yes	2+2	3
	Seçimlik Ders	No	Yes	2+0	2
Total					16

3rd SEMESTERELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG213	Akademik Dinleme ve Konuşma I	Yes	Yes	2+2	3
ENG215	İş iletişimi için İngilizce I	Yes	Yes	2+2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

CGE223	Özel Eğitim ve Kaynaştırma Uygulamaları	No	Yes	2+2	3
CGE225	Erken Çocuklukta Toplumsal Cinsiyet	No	Yes	2+0	2
BES205	Yemek Hazırlama ve Pişirme İlkeleri	No	Yes	2+0	2

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CGE216	Ergenlik Döneminde Gelişim	Yes	Yes	2+2	3
CGE220	Okul Öncesi Dönemde Fen Eğitimi	Yes	Yes	3+0	3
CGE210	Çocuklukta Sanat ve Yaratıcılık	Yes	Yes	2+0	2
CGE212	Oyun ve Oyun Materyalleri	Yes	Yes	2+2	3
CGE218	Okul Öncesi Eğitimde Program Geliştirme	Yes	Yes	3+0	3
	Seçimlik Ders	No	Yes	2+0	2
	Seçimlik Ders	No	Yes	2+2	3
Total					19

4th SEMESTERELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG214	Akademik Dinleme ve Konuşma II	Yes	Yes	2+2	3
ENG216	İş iletişimi için İngilizce II	Yes	Yes	2+2	3
CGE322	Çocukluk Döneminde Beden Eğitimi ve Oyun Öğretimi	No	Yes	2+0	2
RPD211	Rehberlik ve Danışma	No	Yes	3+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CGE301	Engelli Çocukların Gelişimi I	Yes	Yes	2+2	3
CGE303	Nörolojik Gelişim	Yes	Yes	2+0	2
CGE321	Eğitimde Drama	Yes	Yes	3+0	3
CGE307	Ruh Sağlığı ve Uyum Problemleri	Yes	Yes	2+0	2
	Seçimlik Ders	No	Yes	2+2	3
	Seçimlik Ders	No	Yes	2+0	2
Total					15

5th SEMESTERELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG313	TOEFL IBT Ders I	No	Yes	2+2	3
RUS111	Temel Rusça I	No	Yes	2+2	3
GER111	Temel Almanca I	No	Yes	2+2	3
CHN111	Temel Çince I	No	Yes	2+2	3
ARP111	Temel Arapça I	No	Yes	2+2	3
CGE319	Gelişimsel Tanı ve Değerlendirme Teknikleri	No	Yes	2+0	2
CGE315	Okul Öncesi Eğitim Kurumlarında Uygulama	No	Yes	0+6	3
BES307	Sporcu Beslenmesi	No	Yes	2+0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CGE302	Engelli Çocukların Gelişimi II	Yes	Yes	2+2	3
CGE304	Çocuk Sağlığı ve Hastalıkları	Yes	Yes	3+0	3
CGE316	Erken Müdahale Programları	Yes	Yes	2+0	2
SBYO302	Biyoistatistik	Yes	Yes	2+0	2
CGE312	Çocuk Edebiyatı	Yes	Yes	2+0	2
	Seçimlik Ders	No	Yes	2+2	3
	Seçimlik Ders	No	Yes	2+0	2
TOTAL					17

6th SEMESTERELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG314	TOEFL IBT Ders II	No	Yes	2+2	3
RUS112	Temel Rusça II	No	Yes	2+2	3
GER112	Temel Almanca II	No	Yes	2+2	3
CHN112	Temel Çince II	No	Yes	2+2	3
ARP112	Temel Arapça II	No	Yes	2+2	3
CGE214	Anne ve Çocuk Beslenmesi	No	Yes	2+0	2
CGE320	Çocuk Gelişimi Yönetim ajansı	No	Yes	2+0	2
CGE314	Sağlık Kuruluşlarında Alan Uygulaması	No	Yes	0+6	3

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SAG403	Epidemiyoloji	Yes	Yes	3+0	3
CGE406	Hasta Çocukların Gelişimi ve Eğitimi	Yes	Yes	3+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

CGE405	Dil Gelişimi ve İletişim Bozuklukları	Yes	Yes	2+0	2
CGE407	Eğitimde Aile Danışmanlığı	Yes	Yes	3+0	3
	Seçimlik Ders	No	Yes	2+0	2
	Seçimlik Ders	No	Yes	2+0	2
TOTAL					15

7th SEMESTER ELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CGE419	Değerler Eğitimi	No	Yes	2+0	2
CGE413	Topluma Hizmet Uygulamaları	No	Yes	0+4	2
BES405	İlaç ve Gıda Etkisi	No	Yes	2+0	2
SAG401	Karşılaştırmalı Sağlık Sistemleri ve Politikaları	No	Yes	3+0	3
SAG407	Sağlıkta Kalite Yönetimi	No	Yes	3+0	3
SAG413	Sağlık Sigortası	No	Yes	3+0	3

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CGE414	Çocukları Tanıma ve Değerlendirme Teknikleri	Yes	Yes	2+2	3
CGE404	Engelli Çocuğa Sahip Ailelere Rehberlik	Yes	Yes	2+0	2
CGE416	Anne Baba Eğitimi ve Programları	Yes	Yes	3+0	3
CGE418	Atipik Gelişim	Yes	Yes	2+0	2
CGE410	Çocuk ve Hukuk	Yes	Yes	2+0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçimlik Ders	No	Yes	2+0	2
Total					14

SEMESTERELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SAG408	Tıbbi Etik ve Hasta Hakları	No	Yes	3+0	3
CGE412	Mezuniyet Tezi	No	Yes	2+0	2
BES405	İlaç ve Gıda Etkisi (	No	Yes	2+0	2
SAG401	Karşılaştırmalı Sağlık Sistemleri ve Politikaları	No	Yes	3+0	3
SAG407	Sağlıkta Kalite Yönetimi (	No	Yes	3+0	3
SAG413	Sağlık Sigortası (	No	Yes	3+0	3
Grand Total					129

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SBYO101 Anatomi (Anatomy) (4 Credits) The aim of this course is to teach the structures, names, localizations, and relationship of all bones, joints, ligaments, joint capsules and muscles, types, tissues, and functions of bones, anatomic structure of a typical bone, all bones in the body, and their localization according to areas, types of joints (fibrous, cartilaginous, and synovial), all joints in the body and the structures they contain, joint structure and localizations according to areas, the structure of the spine and Intervertebral discs, joint capsules and their properties, synovial membranes and synovial fluid, structure, types, and parts of muscles, (nomenclature and classification is according to localization and functions), all muscles in the body, their localization, shapes and points of adherence according to regions, origins and insertions, all fascias, all ligaments and their relations to muscles and bones, localizations and properties, all bursas, localizations and properties. *(This course is given in Turkish)*

TRD101 Türk Dili I (Turkish Language I) (2 Credits) *(See General Education)*

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution I) (2 Credits) *(See General Education)*

SBYO102 Fizyoloji (Physiology) (3 Credits) This course aims to teach the concepts related to human physiology, cell physiology, blood, muscle and skeletal system, nervous, cardio-vascular, respiratory, urinary, endocrine system, gastrointestinal system, sensory organs and their physiological structures and functions. *(This course is given in Turkish)*

TRD102 Türk Dili (Turkish II) (2 Credits) *(See General Education)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of The Revolution II) (3 Credits) *(See General Education)*

CGE113 Çocuk Gelişimine Giriş (Introduction to Child Development)) (2 Credits) The aim of this course is to provide general information about child development and the concept of growing up and maturation. Moreover, this Lecture aims to evaluates the main effective factors on child development and it also criticises the main approaches that assessed child development such as Freud's psychoanalytic approach, Erikson's psychosocial approach, Bandura's social learning theory and Bowlby's attachment theory and Piaget's developmental stages. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish)*

CGE108 Gelişim Psikolojisi I (Developmental Psychology I) (2 Credits) This course designed to prepare students to be discuss developmental theories and concept considering the fact that the development is a lifelong process. Moreover, this Lecture aims to evaluateslifelong development, basic concept and theories of development, development before and after birth and delivery process, development during infancy, early, middle and late childhood, adolescence, early, middle and late adulthood, and death. *(This course is given in Turkish)*

CGE115 Ana-Baba-Çocuk İletişimi (Parent and Child Communication) (2 Credits) The aim of this course is the basic facts and concepts, and communication patterns of communication in social life. So, role and importance of communication, speaking and listening training, education, environment,

communication, communication will focus on the concepts of conflict and empathy. Mass communication, media types, the history and current status of the issues to be addressed in the course. *(This course is given in Turkish)*

CGE 106 Türk Toplumunda ve Farklı Kültürlerde Çocuk (Child at Turkish Society and Other Culture) (2 Credits) The aim of this course is to examine the development of social identities in diverse societies including theoretical and practical implications of culture, ethnicity, stereotyping and bias as they apply to young children, families, programs, classrooms and teaching. Various classroom strategies are explored emphasizing culturally and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. Course includes self-examination and reflection on issues related to social identity, stereotypes and bias. *(This course is given in Turkish.)*

CGE107 Erken Çocukluk Döneminde Müzik (Music at Early Childhood) (2 Credits) The aim of this course is to evaluate the importance of music education during childhood. At the end of this course, students are expected to know that; children start learning music when they are born. They listen, they watch, they experiment with sounds and movement, and eventually, they sing and chant and move rhythmically. The more music they hear and the richer the musical sounds they experience, the sooner and better they develop their own musical skills. *(This course is given in Turkish.)*

CGE110 Psikolojiye Giriş (Introduction to Psychology) (2 Credits) The aim of this course is to offer certain scientific answers to fundamental questions about the following subjects – Development, Learning, Perception, Memory, Thought, Language, Motivation, Emotions, Personality, Psychotherapy, and Social interaction. In addition, this course offers review and discussion of theories and methods in different areas of contemporary psychology, such as Biological, Developmental, Cognitive, School, Social, and Clinical psychology. *(This course is given in Turkish.)*

KYP001 Kariyer ve Yaşam Programı (Career and Life) (1 Credit) The purpose of this course is to provide an overview of career development theories and decision-making skills for career/life planning. It focuses on self-assessment, choosing a major, exploring career options and developing an action plan to help achieve career goals. The course engages students in the use of critical thinking skills in evaluating their interests, values, skills, and personality in order to understand how personal characteristics influence career choices. *(This course is given in Turkish)*

CGE219 Gelişim Psikolojisi II (Developmental Psychology II) (2 Credits) The aim of the this course is to examine biological, cognitive, social processes and personality in human development from birth to the end of early childhood with reference to major psychological theories and empirical literature. *(This course is given in Turkish)*

CGE205 Bebeklik Döneminde Gelişim ve Eğitim (Infant Development and Education) (3 Credits) This course designed to prepare students to be discuss developmental theories and concept considering the fact that the development is a lifelong process. Moreover, this Lecture aims to evaluates Lifelong development, basic concept and theories of development, development before and after birth and delivery process, development during infancy, early, middle and late childhood, adolescence, early, middle and late adulthood, and death. *(This course is given in Turkish)*

CGE221 Erken Çocukluk Döneminde Matematik Eğitimi (Math Education at Early Childhood) (3 Credits) The aim of this course is to teach the students development of mathematics concepts in pre-

school children, discuss the techniques and methods of mathematics and education. *(This course is given in Turkish)*

CGE204 Erken Çocukluk ve Okul Döneminde Gelişim (Development and Education at Early Childhood and School Term) (3 Credits) The aim of this course is to gain the knowledge about physical, sensory, cognitive, language, social and emotional development properties during early childhood and school age, developmental materials, activities and teaching methods. *(This course is given in Turkish)*

CGE216 Ergenlik Döneminde Gelişim (Development and Education at Adolescence) (3 Credits) The aim of this course is to teach the students physical, sensory, cognitive, language, social and emotional development properties during adulthood. *(This course is given in Turkish)*

CGE220 Okul Öncesi Dönemde Fen Eğitimi (Science Education at Pre-School Term) (3 Credits) The aim of this course is to teach nature of science and characteristics in pre-school children, techniques and methods of science education. *(This course is given in Turkish)*

CGE223 Özel Eğitim ve Kaynaştırma Uygulamaları (Special Education and Integration Practice) (3 credits) The aim of this course is to examine special education and its characteristics by using different approaches. Moreover, it also provides general information about children who need special education and analysis their characteristics and their needs. It also describes children's physical and cognitive skills who need special education. *(This course is given in Turkish)*

CGE225 Erken Çocuklukta Toplumsal Cinsiyet (Social Sex at Early Childhood) (2 credits) The aim of this course is to examine the issue of gender and the young child. Biological and social differences between boys and girls are explored. Factors that influence young children's identification and adoption of gender roles are identified together with learning about how young children understand and perceive gender. Emphasis will be placed on the strategies all carers can adopt in order to encourage an environment that actively promotes gender equity. *(This course is given in Turkish.)*

CGE210 Çocuklukta Sanat ve Yaratıcılık (Art and Creativity at Childhood) (3 Credits) The aim of the this course examine the importance of creative thinking in human life, the theories of creativity, creativity and intelligence, characteristics of creative people, development of creativity, social, culturel, emotional effects on creativity, creative problem solving and brain storming, importance of education on creativity in early childhood. *(This course is given in Turkish)*

CGE212 Oyun ve Oyun Materyalleri (Play and Playing Materials) (3 Credits) The aim of this course is to describe the types and classifications of play; regional children's plays played in different regions of Turkey; and functions of toys and play materials and safety of toys. *(This course is given in Turkish)*

CGE218 Okul Öncesi Eğitimde Program Geliştirme (Program Development in Pre-School Education) (3 Credits) The aim of this course is to teach the basic concepts of curriculum development, components of curriculum development and planning instruction. After completing this course students will be able to define basic concepts of curriculum development, explain components of curriculum development, apply principles of planning instruction. *(This course is given in Turkish)*

CGE301 Engelli Çocukların Gelişimi I (Development and Education of Disabled Children I) (3 Credits) The aim of this course is to examine the definition and types of physical disability, symptoms of physical and psychomotor behavior in children with physical disabilities, causes of physical disability from birth or as a result of fever, cognitive and language development in children with physical disabilities, prevention and early diagnosis of developmental disabilities, ways to prevent disabilities, the importance of early diagnosis of developmental disabilities and the importance of early diagnosis, education and training. *(This course is given in Turkish)*

CGE303 Nörolojik Gelişim (Neurological Development) (2 Credits) The aim of this course is to discuss the structural and functional development of the nervous system during childhood, evaluation of normal and abnormal conditions, reasons for deviations from normal development. *(This course is given in Turkish)*

CGE321 Eğitimde Drama (Drama in Education) (3 Credits) *(See General Education)*

CGE322 Çocukluk Döneminde Beden Eğitimi ve Oyun Öğretimi (Physical Education and Play at Childhood) (2 Credits) The aim of this course is to understand the nature and importance of play to child growth, development and learning. Students will study how children's play changes as they grow and develop. Many types of play and play materials are investigated. It would then be possible for students to organise appropriate play activities and select appropriate play equipment for young children. *(This course is given in Turkish.)*

CGE307 Ruh Sağlığı ve Uyum Problemleri (Psychological Health and Adjustment Problems) (2 Credits) The aim of this course is to examine the assessment and classification of childhood psychopathology. The course will also teach empirically supported approaches to prevention and treatment of childhood disorders. *(This course is given in Turkish)*

CGE302 Engelli Çocukların Gelişimi II (Development and Education of Handicapped Children II) (3 Credits) The aim of this course is to examine the definition and types of physical disability, symptoms of physical and psychomotor behavior in children with physical disabilities, causes of physical disability from birth or as a result of fever, cognitive and language development in children with physical disabilities, prevention and early diagnosis of developmental disabilities, ways to prevent disabilities, the importance of early diagnosis of developmental disabilities and the importance of early diagnosis, education and training. *(This course is given in Turkish)*

CGE319 Gelişimsel Tanı ve Değerlendirme Teknikleri (Developmental Diagnosis and Evaluating Methods) (2 credits) The aim of this course is to focus on the appropriate use of assessment and observation strategies to document development, growth, play and learning to join with families and professionals in promoting children's success. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored. *(This course is given in Turkish.)*

CGE315 Okul Öncesi Eğitim Kurumlarında Uygulama (Practice at Pre-School Education Institution) (3 Credits) The aim of this course is to demonstrate of developmentally appropriate early childhood teaching competencies under guided supervision. Students utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas are emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. *(This course is given in Turkish.)*

CGE304 Çocuk Sağlığı ve Hastalıkları (Child Health and Diseases) (3 Credits) This aim of this course is to prepare students to be discuss developmental theories and concept considering the fact that the development is a lifelong process. Moreover, this Lecture aims to evaluatesLifelong development, basic concept and theories of development, development before and after birth and delivery process, development during infancy, early, middle and late childhood, adolescence, early, middle and late adulthood, and death. *(This course is given in Turkish)*

CGE314 Sağlık Kuruluşlarında Alan Uygulaması (Practices to Community Services) (3 Credits) The aim of this course is to work in a institutions of community services such as hospital or rehabilitation centers, under professional supervision which will provide on the job training for students including development of human services skills, integration of human services theories and skill based training, professional documentation. Students will become familiar with the illnesses and developmental disorders of a child during this voluntary working.

CGE316 Erken Müdahale Programları (Early Intervention Programs) (2 Credits) The aim of this course is toknow the definition of early intervention, purposes and stages of intervention and apply these skills in necessary situations. *(This course is given in Turkish)*

SBYO302 Biyoistatistik (Biostatistics) (2 Credits) The aim of this course is to understand and interpret all of the basic statistical methods used in scientific journals in their field of study, as well as use basic statistics in their own research. *(This course is given in Turkish)*

CGE312 Çocuk Edebiyatı (Children's Literature) (2 Credits) The aim of this course is to examine the children's books, types (illustrated book, tale, story, novel, cartoon, scientific book, biography, reference books, theatric book), children's interested subjects in accordance with their age and growing, story reading and telling techniques, and information about content, illustration and physical features of the children's books. *(This course is given in Turkish)*

SAG401 Karşılaştırmalı Sağlık Sistemleri ve Politikaları (Comparative Health Policy) (3 Credits) The purpose of this course is to provide students to get information about National Health System markers, Health Systems Classification, health systems in Turkey and other countries, comparisons of Turkey and other countries' health care systems, supply and demand of healthcare services contents. *(This course is given in Turkish)*

SAG403 Epidemiyoloji (Epidemiology) (3 Credits) The aim of this course is to learn the definition, objectives and historical development of epidemiology. Students who complete course are expected to be able to describe the epidemiological data sources, classification of data Sources, properties of data sources, data collection tools, epidemiological criteria, criteria determining the level of death (mortality) and fertility, epidemiological research planning, important variables in epidemiological studies, survey methods and properties, types of survey, sections of the questionnaire, epidemiology of infectious diseases, general characteristics of the problem of infectious diseases, various concepts related to communicable diseases, control of infectious diseases, epidemiological investigation of outbreaks, important infectious diseases. *(This course is given in Turkish)*

CGE406 Hasta Çocukların Gelişimi ve Eğitimi (Development and Education of Children with Diseases) (3 Credits) The aim of this course is to examinethe mental status of hospitalized children, family-staff interaction, games and gaming rooms in the hospital, hospital schools, preparatory training of hospitalized children and their families, preparatory training. *(This course is given in Turkish)*

CGE405 Dil Gelişimi ve İletişim Bozuklukları (Language Development and Communication Disorders) (2 Credits) The aim of the this course is to examine the issues in the psycholinguistic study of grammar such as biological foundations of language, speech comprehension, speech production, and the relationship between language and thought. Theories and research on language disorders in children due to conditions such as hearing impairment, autism, mental retardation, and specific language impairment, with focus on language intervention. *(This course is given in Turkish)*

CGE407 Eğitimde Aile Danışmanlığı (Family Counselling at Education) (3 Credits) The aim of this course is to learn how can help family members to improve communication, solve family problems, understand and handle special family situations (for example, serious physical or mental illness, or child and adolescent issues), and guidance the family to see a specialist. *(This course is given in Turkish)*

CGE413 Topluma Hizmet Uygulamaları (Practices to Community Services) (2 Credits) The purpose of the course is students' knowledge and awareness of social responsibility by making them take part in a community service project use their experience and develop a sense. *(This course is given in Turkish)*

CGE414 Çocukları Tanıma ve Değerlendirme Teknikleri (Methods of Identification and Assessment of Children) (3 Credits) The aim of this course is to learn methods of identification and assesment techniques of children. Students who complete this course are expected to be adequate to differentiate between standard and non-standard techniques of assesment. *(This course is given in Turkish)*

CGE404 Engelli Çocuğa Sahip Ailelere Rehberlik (Guidance to Families with Disabled Children) (2 Credits) The aim of this course is to training the students aboutthe importance of family education, attitudes of parents and their effects on children, psychological processes experienced by families with disabled children and necessary support and consulting services, communication with families and the methods used in education. *(This course is given in Turkish)*

CGE413 Topluma Hizmet Uygulamaları (2 Credits) The purpose of the course is students' knowledge and awareness of social responsibility by making them take part in a community service project use their experience and develop a sense. *(This course is given in Turkish)*

CGE416 Anne Baba Eğitimi ve Programları (Parents Education and Programs) (3 Credits) The aim of this course is to examine the definition and history of family, kinds of family, ethic principles in family education, parental attitudes, family attendance in pre-school education programs and applications of family education in Turkey and today's world. *(This course is given in Turkish)*

CGE418 Atipik Gelişim (Atypic Development) (2 Credits) The aim of this course is to prepare students to be discuss developmental theories and concept considering the fact that the development is a lifelong process. Moreover, this Lecture aims to evaluatesLifelong development, basic concept and theories of development, development before and after birth and delivery process, development during infancy, early, middle and late childhood, adolescence, early, middle and late adulthood and death. *(This course is given in Turkish)*

CGE419 Değerler Eğitimi (Education of Worth) (2 Credits) The aim of this course is to provide the students with meaningful experiences and opportunities to enhance the positive attitude and qualities of

humans to help them face the challenge in the changing society in term of social responsibility, honesty, integrity and justice. With this students will be equipped with positive human values and attitudes toward themselves, their families, country and peers, and be able to apply the core values such as love of wisdom and service to fellowmen. *(This course is given in Turkish.)*

CGE410 Çocuk ve Hukuk (Child and Law) (2 Credits) The aim of this course is to prepare students to be discuss developmental theories and concept considering the fact that the development is a lifelong process. Moreover, this Lecture aims to evaluatesLifelong development, basic concept and theories of development, development before and after birth and delivery process, development during infancy, early, middle and late childhood, adolescence, early, middle and late adulthood and death. *(This course is given in Turkish)*

ELECTIVES

ENG111 İngilizce I (English I) (3 Credits) *(See General Education)*

ENG113 Akademik Okuma ve Yazma I (Academic Reading and Writing I) (3 Credits) *(See General Education)*

ENG112 İngilizce II (English II) (3 Credits) *(See General Education)*

ENG114 Akademik Okuma ve Yazma II (Academic Reading and Writing II) (3 Credits) *(See General Education)*

ENG213 Akademik Dinleme ve Okuma I (Academic Listening and Speaking I) (3 Credits) *(See General Education)*

ENG215 English for Business CommunicationI (İş İletişimi için İngilizceI) (3 credits) *(See General Education)*

ENG214 Academic Listening and Speaking II (Akademik Dinleme ve Konuşma II) (3 credits) *(See General Education)*

BES205 Yemek Hazırlama ve Pişirme İlkeleri (Principles of Food Preparation and Cooking) (2 Credits) The aim of this course is to define food groups and their main properties, nutrients foud in these food groups, changes occuring during preparation and cooking in carbohydrates, protein, fats and vitamins, national and international terms used in food preparation and cooking, manners in serving and eating foods, dishes made by meat group, milk group, vegetables and fruits group, and cereals and their basic cooking principles. *(This course is given in Turkish)*

RPD211 Rehberlik ve Danışma (Counselling and Guidance) (3 Credits) The aim of this course is to learn thebasics of psychological counseling and guidance, aims of guidance, principles of guidance, ethic rules of psychological counseling and guidance, research of psychological counseling and guidance skills. *(This course is given in Turkish)*

RUS111 Temel Rusça I (Basic Russian I) (3 Credits) *(See General Education)*

GER111 Temel Almanca I (Basic German I) (3 Credits) *(See General Education)*

CHN111 Temel Çince I (Basic Chinese I) (3 Credits) *(See General Education)*

BES307 Sporcu Beslenmesi (Sportsman Nutrition) (2 Credits) The purpose of this course is to introduce to sports nutrition, energy calculating methods, energy requirements of athletes, energy systems, carbohydrates, proteins, fats, minerals and vitamins and their importance in sports nutrition, water, importance of water in life and sports nutrition, sports drinks, hormonal adaptations to exercise, sports nutrition tips in competition period, athletes weight problems and eating disorders, ergogenic aids and doping. *(This course is given in Turkish)*

RUS112 Temel Rusça (Basic Russian II) (3 Credits) *(See General Education)*

GER112 Temel Almanca (Basic German II) (3 Credits) *(See General Education)*

CHN112 Temel Çince (Basic Chinese II) (3 Credits) *(See General Education)*

SAG413 Sağlık Sigortası (Health Insurance) (3 Credits) The purpose of this course is to provide general knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

BES405 İlaç ve Gıda Etkisi (Drug-Nutrient Interaction) (2 Credits) The aim of this course is to define pharmacology, basic concepts, biopharmaceutics, pharmacokinetics, pharmacodynamics, monitoring nutritional status in drug regimens, gastrointestinal disorders and drugs interactions, cardiovascular and renal disease drugs, antihypertensives and chemotherapeutic drugs, anticoagulants, hypoglycemic agents, digestive tract agents, obesity drugs and drugs and their interactions with ingested foods, specification of nutrition and drug regimens in older persons, carbohydrates, proteins, fats, vitamins and minerals and drug interactions, alcohol, tea-coffee and drug Interactions, herbal and dietary Supplements and drug interactions, dietary counseling to prevent food-drug interactions. *(This course is given in Turkish)*

SAG407 Sağlıkta Kalite Yönetimi (Health Care Quality Management) (3 Credits) The purpose of this course is to Health Care Management provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications. *(This course is given in Turkish)*

SAG408 Tıbbi Etik ve Hasta Hakları (Medical Ethics and Patient Rights) (3 Credits) The purpose of this course is to describe these contents: Medical Ethics Concepts, Cases about Medical ethics, patient rights, rights and responsibilities of health employees. *(This course is given in Turkish.)*

Health Management (Turkish)

About Program

The aim of the Health Administration is to make students equipped with theoretical knowledge on the following: public health by analyzing health cases under its social aspects, generate practical politics, planning and applying new projects to improve efficiency of hospitals, and being able to get across with health sector on the international stage.

Objectives

The program also aims to development of public health depends on any health related discipline. The process of planning, assembling, presenting, and evaluating health services is the part of health management which became one of the promising career in the world and also in Turkey. The Total credits required for the satisfactory completion of the curriculum are 120 credits. The program additionally requires two internships each enduring 20 work days.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2+0	2
TRD101	Türk Dili I	Yes	Yes	2+0	2
ISL103	Temel İşletme	Yes	Yes	3+0	3
ISL111	Matematik I	Yes	Yes	3+0	3
IKT103	İktisada Giriş I	Yes	Yes	3+0	3
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0+2	1
	Yabancı Seçmeli dil	No	Yes	2+2	3
TOTAL					17

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2+0	2
SAG104	Sağlık Yönetimine Giriş	Yes	Yes	3+0	3
IKT104	İktisada Giriş II	Yes	Yes	3+0	3
TRD102	Türk Dili II	Yes	Yes	2+0	2
ISL104	Yönetim ve Organizasyona Giriş	Yes	Yes	3+0	3
	Seçmeli Yabancı Dil	No	Yes	2+2	3
STJ001	Staj	Yes	Yes	0+0	0
Total					16

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ISL211	İstatistik I	Yes	Yes	3+0	3
SAG201	Halk Sağlığı	Yes	Yes	3+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SAG203	Sağlık Sosyolojisi	Yes	Yes	3+0	3
	Seçimlik Ders I (Teknik)	No	Yes	3+0	3
	Seçimlik Ders I (Üniversite)	No	Yes	3+0	3
Total					15

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ISL212	İstatistik II	Yes	Yes	3+0	3
ISL220	Girişimcilik	Yes	Yes	3+0	3
SAG204	Sağlık Bilgisi ve Tıbbi Terminoloji	Yes	Yes	3+0	3
SAG206	Sağlık Hukuku ve Mevzuatı	Yes	Yes	3+0	3
	Seçimlik Ders II (Teknik)	No	Yes	3+0	3
Total					15

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SAG301	Sağlık Yönetimi	Yes	Yes	3+0	3
SAG303	Hastalık Bilgisi	Yes	Yes	3+0	3
	Seçmeli Yabancı Dil II	No	Yes	2+2	3
	Seçimlik Ders II (Üniversite)	No	Yes	3+0	3
	Seçimlik Ders II (Teknik)	No	Yes	3+0	3
Total					15

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ISL206	İnsan Kaynakları Yönetimi	Yes	Yes	3+0	3
SAG302	Sağlık Bilgisi	Yes	Yes	3+0	3
	Seçmeli Yabancı Dil II	No	Yes	2+2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçimlik Ders II (Üniversite)	No	Yes	3+0	3
	Seçimlik Ders II (Teknik)	No	Yes	3+0	3
Total					15

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SAG401	Karşılaştırmalı Sağlık Sistemleri ve Politikaları	Yes	Yes	3+0	3
SAG403	Epidemiyoloji	Yes	Yes	3+0	3
SAG415	Sağlıkta Ekonomi	Yes	Yes	3+0	3
	Seçimlik DersI (Yabancı Dil/Teknik)	No	Yes	3+0	3
	Seçimlik Ders V (Teknik)	No	Yes	3+0	3
Total					15

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
	Seçimlik Ders VI (Teknik)	No	Yes	3+0	3
	Seçimlik Ders VII (Teknik)	No	Yes	3+0	3
	Seçimlik DersII (Yabancı Dil/Teknik)	No	Yes	3+0	3
	Seçimlik Ders VIII (Teknik)	No	Yes	3+0	3
Total					12

1st SEMESTER ELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG111	İngilizce I	No	Yes	2+2	3
ENG113	Academik Okumave Yazma I	No	Yes	2+2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

2nd SEMESTER ELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG112	İngilizce II	No	Yes	2+2	3
ENG114	Academik Okumave Yazma II	No	Yes	2+2	3

3rd SEMESTER ELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ISL213	İşletmede İletişim ve Etik	No	Yes	3+0	3
FIN251	Finansal Muhasebe	No	Yes	3+0	3

4rd SEMESTER ELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SAG202	İş Sağlığı ve Güvenliği	No	Yes	3+0	3
FIN252	Muhasebe Yönetimi	No	Yes	3+0	3
LOJ 208	Lojistikte Operasyon Araştırması	No	Yes	3+0	3

5th SEMESTER ELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
RUS111	Temel Rusça I	No	Yes	2+2	3
ALM111	Temel Almanca I	No	Yes	2+2	3
CHN111	Temel Çince I	No	Yes	2+2	3
ARP111	Temel Arapça I	No	Yes	2+2	2
FIN301	Finansın Temelleri	No	Yes	3+0	3
ISL301	Pazarlamanın Temelleri	No	Yes	3+0	3
IKT303	Ekonomi Yönetimi	No	Yes	3+0	3

6th SEMESTER ELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
RUS112	Temel Rusça II	No	Yes	2+2	3
GER112	Temel Almanca II	No	Yes	2+2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

CHN112	Temel Çince II	No	Yes	2+2	3
ARB112	Temel Arapça II	No	Yes	2+2	3
SAG312	Sağlıkta Maliyet Analizi	No	Yes	3+0	3
ISL304	Pazarlama Yönetimi	No	Yes	3+0	3

7th SEMESTER ELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG313	TOEFL IBT Ders I	No	Yes	3+0	3
RUS211	Rusça Okuma ve Konuşma I	No	Yes	2+2	3
GER211	Almanca Okuma ve Konuşma I	No	Yes	2+2	3
CHN211	Çince Okuma ve Konuşma I	No	Yes	2+2	3
ARB211	Arapça Okuma ve Konuşma I	No	Yes	2+2	3
SAG407	Sağlıkta Kalite Yönetimi	No	Yes	3+0	3
SAG413	Sağlık Sigortası	No	Yes	3+0	3
IKT401	Türk Ekonomisi	No	Yes	3+0	3

8th SEMESTER ELECTIVE COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG314	TOEFL IBT Ders II	Yes	Yes	3+0	3
RUS212	Rusça Okuma ve Konuşma II	No	Yes	2+0	2
GER212	Almanca Okuma ve Konuşma II	Yes	Yes	3+0	3
CHN212	Çince Okuma ve Konuşma II	Yes	Yes	2+0	2
ARB212	Arapça Okuma ve Konuşma II	Yes	Yes	3+0	3
HIR352	Halkla İlişkiler Public Relations	No	Yes	0+4	2
ISL413	Stratejik Yönetim	No	Yes	3+0	3
ISL404	Müşteri İlişkileri Yönetimi	No	Yes	3+0	3
SAG310	Sağlık Hizmetlerinde Pazarlama	No	Yes	3+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SAG408	Tıbbi Etik ve Hasta Hakları	No	Yes	3+0	3
SAG412	Tıbbi Dokümantasyon	No	Yes	3+0	3
Grand Total					120

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Description

TRD101 Türk Dili I (Turkish Language I) (2 Credits) *(See General Education)*

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution I) (2 Credits) *(See General Education)*

ISL111 Matematik I (Calculus I) (3 credits) The purpose of course is to define these contents: Real Numbers, Natural, Rational and Complex Numbers, Linear Equations, Inequalities, Graphs Functions and Inverse Functions, Functions Problem, Solving Exponential and Logarithmic Functions, Limits and Continuity, Limits Problem Solving, Differentiation and Techniques of Differentiation. *(This course is given in Turkish)*

ISL103 Temel İşletme (Basic Management) (3 credits) The purpose of course is to define these contents: Basic Concepts of Economics, Consumer Theory: Budget Constraint, Preferences, Utility, Choice; Demand and Changes in Demand, Consumer's Surplus, Individual and Market Demand, Intertemporal Choice, Uncertainty and Information, Theory of the Firm: Technology, Producer's Problem: Profit Maximization- Cost Minimization, Cost Curves, Firm Supply, Industry Supply, Imperfect Competition: Monopoly, Monopolistic Competition, Oligopoly, Factor Pricing and Distribution *(This course is given in Turkish)*

ENG113 Akademik Okuma ve Yazma I (Academic Reading and Writing I) (3 Credits) *(See General Education)*

İKT103 İktisada Giriş I (Introduction to Economy I) (3 credits) This course is designed to help students develop a basic understanding of economic principles and issues prior to enrolling in a principles of microeconomics or macroeconomics course. It develops their economic literacy and teaches them how economics relates to the everyday life of individuals, businesses and society in general. It will also introduce students to the role different levels of governments play in influencing the economy. After taking this course, students should have a better understanding of everyday economic issues that are reported in the media. *(This course is given in Turkish)*

KYP001 Kariyer ve Yaşam Programı (Career and Life) (1 Credit) The purpose of this course is to provide an overview of career development theories and decision-making skills for career/life planning. It focuses on self-assessment, choosing a major, exploring career options and developing an action plan to help achieve career goals. The course engages students in the use of critical thinking skills in evaluating their interests, values, skills, and personality in order to understand how personal characteristics influence career choices. *(This course is given in Turkish)*

ENG111 İngilizce I (English I) (3 Credits) *(See General Education)*

ENG113 Akademik Okuma ve Yazma I (Academic Reading and Writing I) (3 Credits) *(See General Education)*

ENG112 İngilizce II (English II) (3 Credits) *(See General Education)*

ENG114 Akademik Okuma ve Yazma II (Academic Reading and Writing II) (3 Credits) *(See General Education)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of The Revolution II) (3 Credits) *(See General Education)*

SAG104 Sağlık Yönetimine Giriş (Introduction to Health Administration) (3 credits) This course focuses on the administrator's relationship to the medical and nursing professions and assesses the attributes of the various types of health service organizations. *(This course is given in Turkish)*

IKT104 İktisada Giriş II (Introduction to Economy II) (3 credits) The purpose of this course is to define the analytical tools of microeconomics used to examine the behavior of consumers and producers and how they interact in various types of market structures to determine prices and outputs. Students are also introduced to market failures and to alternative policies that may be implemented to deal with them. The analyses of some topics, however, are conducted at a more advanced level in this course due to its honors level status. *(This course is given in Turkish)*

TRD102 Türk Dili (Turkish II) (2 Credits) *(See General Education)*

ISL104 Yönetim ve Organizasyona Giriş (Introduction to Management Organization) (3 credits) The purpose of this course is to define these contents: Changing paradigms of management, External Environment, Internal Environments, Global Environments, Managerial ethics, Corporate Responsibility, Goal Setting, Organizational Planning and Decision making. *(This course is given in Turkish)*

ISL211 İstatistik (Statistics I) (3 credits) The purpose of course is to define these contents: Sets and Functions, Probability, Random Variables, Special Probability Distributions, Joint Probability Distributions, Sampling Distributions Estimation, Hypothesis Testing. *(This course is given in Turkish)*

SAG201 Halk Sağlığı (Public Health) (3 credits) The purpose of this course is to define these contents: Basic concepts and approaches of public health, evaluation of important health issues, Basic Health Services, Health indicators, Demography, Epidemiology (Child health in Turkey, health of old age, chronic diseases, mental health, sexually infected diseases, infectious diseases), Environment health, Nutrition, Improving health. *(This course is given in Turkish)*

SAG203 Sağlık Sosyolojisi (Health Sociology) (3 credits) The purpose of this course is to define these contents: Basic concepts of health sociology, Behavioral sciences, health attitudes, The conception of health. *(This course is given in Turkish)*

ISL213 İşletmede İletişim ve Etik (Communication and Ethic in Management) (3 credits) This course deals with the ethical decision-making process in the business context. It helps students understand various ethical systems and norms of behaviour and to draw conclusions as to the right, proper, and just decisions and actions in the face of moral dilemmas. *(This course is given in Turkish)*

FIN251 Finansal Muhasebe (Financial Accounting) (3 credits) The purpose of this course is to define these contents: Accounting in Action, The reporting Process, Adjusting the Accounts,

Completion of the Accounting Cycle, Accounting for Merchandising Operations, Inventories, Accounting Principles, Internal Control and Cash, Receivables, Plant assets, Natural Resources and Intangibles, The statement of Cash Flows. *(This course is given in Turkish)*

ISL212 İstatistik II (Statistics II) (3 credits) The purpose of this course is to define these contents: Simple linear regression, Method of least squares, Estimating variance, Matrix algebra, Variance-covariance matrix, Simple linear regression, Regression coefficients, ANOVA, Scheffe's and Dunn's Methods, ANOVA and GLM, Two-way ANOVA, Multiple regression models, Classification and regression trees. *(This course is given in Turkish)*

ISL220 Girişimcilik (Entrepreneurship) (3 credits) This course is an introduction to the creative and innovative managerial practices of successful entrepreneurship. This course reviews the significant economic and social contributions entrepreneurs provide to society, the intense lifestyle commitment, and the skills necessary for entrepreneurial success. Provides an overview of the entrepreneurial process. *(This course is given in Turkish)*

SAG204 Sağlık Bilgisi ve Tıbbi Terminoloji (Health Information and Medical Terminology) (3 credits) The purpose of this course is to define these contents: Origins, Use, Presentation and Turkish Synonyms of The Health Terms, Human Anatomy and Physiology, Microbiology, Hospital Infections, Pharmacology, Terminology for Diseases. *(This course is given in Turkish)*

SAG206 Sağlık Hukuku ve Mevzuatı (Health Law and Legislation) (3 credits) The course focuses on the four major pillars of health law: access, financing, quality, and personhood. In the area of access, topics include statutory and common law obligations of health care providers to render care and civil rights issues within the health care arena. *(This course is given in Turkish)*

SAG202 İş Sağlığı ve Güvenliği (Occupation Health and Safety) (3 credits) The purpose of this course is to define these contents: The Concept of Occupational Health and Its Development, Work and Health Relationship, Principles of the Application of Occupational Health, Occupational Illnesses and Prevention Methods, Ergonomics, Accidents at Work, Legislations in the Health Sector. *(This course is given in Turkish)*

FIN252 Muhasebe Yönetimi (Management Accounting) (3 credits) The purpose of this course is to define these contents: Cost behavior and cost-volume-profit analysis, Budgeting, Performance evaluation using variances from standard costs, Performance evaluation for decentralized operations, Differential analysis and product pricing, Capital investment analysis, Statement of cash flows, Financial statement analysis, Financial statement analysis. *(This course is given in Turkish)*

LOJ208 Lojistikte Operasyon Araştırması (Operations Research in Logistics) (3 credits) The purpose of this course is to define these contents: General introduction to healthcare logistics, Mathematical models often used in healthcare logistics (e.g. linear programming, simulation, queueing theory), Applying above mathematical methods in the healthcare sector. *(This course is given in Turkish)*

SAG301 Sağlık Yönetimi (Health Administration) (3 credits) The purpose of this course is to define these contents: Health, administration, management, health administration, management administration essentials, Health organization in Turkey, workspaces of health administrators. *(This course is given in Turkish)*

SAG303 Hastalık Bilgisi (Disease Information) (3 credits) The purpose of this course is to define these contents: Respiration, Circulation, Digestion, Blood, Endocrine, Urinary, Genital system diseases, Neurological, Diseases, Eye, Ear, Nose and Throat (ENT), Dermatology, Joint and Connective Tissue Diseases, Emergencies. *(This course is given in Turkish)*

RUS111 Temel Rusça I (Basic Russian I) (3 Credits) *(See General Education)*

GER111 Temel Almanca I (Basic German I) (3 Credits) *(See General Education)*

CHN111 Temel Çince I (Basic Chinese I) (3 Credits) *(See General Education)*

ARP111 Temel Arapça I (Basic Arabic I) (3 credits) *(See General Education)*

FIN301 Finansın Temelleri (Fundamentals of Finance) (3 credits) The purpose of this course is to define these contents: Basic Financial Statements, financial environment, risk and return, valuation of bonds and treasury bonds, stock valuation, capital cost, benefit valuation, cash flow analysis. *(This course is given in Turkish)*

ISL301 Pazarlamanın Temelleri (Fundamentals of Marketing) (3 credits) The purpose of this course is to define these contents: Understanding Marketing management, Market oriented strategic planning, Consumer and business markets, Identifying market segments and positioning, Market information system Developing New products and managing the product mix, Product and service decisions, Pricing and distribution, IMS - Promotional Strategy. *(This course is given in Turkish)*

IKT303 Ekonomi Yönetimi (Management Economy) (3 credits) This course focuses on microeconomics, with some topics from macroeconomics and international trade. It emphasizes the integration of theory, data, and judgment in the analysis of corporate decisions and public policy and international business environments. *(This course is given in Turkish)*

ISL206 İnsan Kaynakları Yönetimi (Human Resources Management) (3 credits) The purpose of this course is to define these contents: General principles of human resources management (HRM), Development over time, Functions and principles of HRM, HR planning in the organizations, employee need estimation for the companies, Recruiting employee, Employee selection, importance, Methods of employee selection, Personnel orientation, Training and development, Organizational socialization and career management, Job analysis, job design, Job evaluation, involved concepts and methods, Performance appraisal and systems, Base wage and salary systems - Pay structure decisions, wage policies. *(This course is given in Turkish)*

SAG302 Sağlık Bilgisi (Health Informatics) (3 credits) This course will introduce the foundation of Health Informatics. It will review how information sciences and computer technology can be applied to enhance research and practice in healthcare. The basic principles of informatics that govern communication systems, clinical decisions, information retrieval, telemedicine, bioinformatics and evidence based medicine will be explored. *(This course is given in Turkish)*

RUS112 Temel Rusça (Basic Russian II) (3 Credits) *(See General Education)*

GER112 Temel Almanca (Basic German II) (3 Credits) *(See General Education)*

CHN112 Temel Çince (Basic Chinese II) (3 Credits) *(See General Education)*

ARB112 Temel Arapça II (Basic Arabic II) (3 credits) *(See General Education)*

SAG312 Sağlıkta Maliyet Analizi (Cost Accounting in Healthcare) (3 credits) The course employs primarily a lecture-based approach to the financial management of health care organizations but does incorporate a variety of other methods of instruction, including in-class problem solving and case analyses. Quantitative decision analysis techniques, costing methods, and financial policy analysis skills are emphasized. *(This course is given in Turkish)*

ISL304 Pazarlama Yönetimi (Marketing Management) (3 credits) This course will introduce students to the problems and issues that are unique to marketing a service organization as well as marketing services. Topics include service strategy, listening to customers, complaint management, service guarantees, customer satisfaction, measuring return on quality, managing moment of truth, relationship marketing, and employee empowerment. *(This course is given in Turkish)*

SAG401 Karşılaştırmalı Sağlık Sistemleri ve Politikaları (Relative Health System and Policies) (3 credits) The purpose of this course is to define these contents: Comparative Health Policies, History of health Policy, Prescribed Policies. *(This course is given in Turkish)*

SAG403 Epidemiyoloji (Epidemiology) (3 credits) This course introduces the basic principles and methods of epidemiology, with an emphasis on critical thinking, analytic skills, and application to clinical practice and research. Topics include outcome measures, methods of adjustment, surveillance, quantitative study designs, and sources of data. Designed for those with a clinical background, the course will provide tools for critically evaluating the literature and skills to practice evidence-based medicine. *(This course is given in Turkish)*

SAG415 Sağlıkta Ekonomi (Health Economics) (3 credits) This course is an introduction to the applications of economics to health care and medical care issues. Discuss the special features of medical care as a commodity and the economic explanations for health care providers, insurance markets and technology diffusion. Students also study policy issues such as universal health insurance and international comparisons. The training helps students form their own vision of the economics of health care. *(This course is given in Turkish)*

ENG313 TOEFL IBT Kursu I (TOEFL IBT Course I) (3 credits) This course is designed to prepare students for the challenges of TOEFL iBT. The TOEFL iBT evaluates the four core language skills: speaking, listening, reading, and writing. Every problem tests as many as three language skills at once. This course helps students gain experience and confidence with the iBT TOEFL leading to better test results.

RUS211 Rusça Okuma ve Konuşma (Reading and Speaking in Russian I) (3 credits) *(See General Education)*

GER211 Almanca Okuma ve Konuşma (Reading and Speaking in German I) (3 credits) *(See General Education)*

CHN211 Çince Okuma ve Konuşma (Reading and Speaking in Chinese I) (3 credits) Using an audio-lingual approach, this course teaches pronunciation, vocabulary, and grammar fundamentals as essential elements in reading, writing, and understanding elementary Chinese. The course also covers necessary culture, customs, philosophy, and history which serve as keys to studying the Chinese language.

ARB211 Arapça Okuma ve Konuşma (Reading and Speaking in Arabic I) (3 credits) *(See General Education)*

SAG407 Sağlıkta Kalite Yönetimi (Quality Management in Health Services) (3 credits) The purpose of this course is to define these contents: Quality Concept, Quality and theories, Applicability of theories in health services, quality and customer, quality and efficiency, quality and cost, Total Quality Management, Quality development in health services, integration of Total quality management with health services, establishment of Total Quality Management culture (teamwork, training, organizational culture), analytical methods in Total quality management, accreditation. *(This course is given in Turkish)*

SAG413 Sağlık Sigortası (Health Insurance) (3 credits) The purpose of this course is to define these contents: Introduction to Social Security (Active, Passive, Dependant, Effects of Health Prolongation, Increase of Health Expenses According the age), Particularities of Social Security System in Turkey, Its being Multiple headed, Equilibrium of Obligations and Rights and Parallelism According to the New Regulation, Law on Pension Fund and Its implementation, Social Security Law, Implementation of Social Security Law, Social Security Organization for Artisans and Self Employed Law and Its Implementation, Branches in Private Insurance System, Legislation and Statistical Data, Technical Characteristics of Private Health Insurance, General and Special Conditions, Factors effecting the Prime, Medium Institutions and Institutions in Insurance System, Examples of Social Security and Private Insurance Implementations in the World. *(This course is given in Turkish)*

IKT401 Türk Ekonomisi (Turkish Economy) (3 credits) The objective of this course is to familiarize the students with the history and current status of the Turkish economy. The students will have exposure to past and current challenges of a developing economy within the global economic system. The course will cover macroeconomic as well as sectoral topics. *(This course is given in Turkish)*

ENG314 TOEFL IBT Kursu II (TOEFL IBT Course II) (3 credits) This course is designed to prepare students for the challenges of TOEFL iBT and it is continues course TOEFL IBT Course I.

RUS212 Rusça Okuma ve Konuşma II (Reading and Speaking in Russian II) (3 credits) *(See General Education)*

GER212 Almanca Okuma ve Konuşma II (Reading and Speaking in German II) (3 credits) *(See General Education)*

CHN212 Çince Okuma ve Konuşma (Reading and Speaking in Chinese II) (3 credits) *(See General Education)*

ARB212 Arapça Okuma ve Konuşma (Reading and Speaking in Arabic II) (3 credits) (*See General Education*)

HIR352 Halkla İlişkiler Public Relations (3 credits) The course provides delegates with a clear overview of the key concepts involved in managing and developing organisational communications. (*This course is given in Turkish*)

ISL413 Stratejik Yönetim (Strategic Management) (3 credits) This course introduces the key concepts, tools, and principles of strategy formulation and competitive analysis. It is concerned with managerial decisions and actions that affect the performance and survival of business enterprises. The course is focused on the information, analyses, organizational processes, and skills and business judgment managers must use to devise strategies, position their businesses, define firm boundaries and maximize long-term profits in the face of uncertainty and competition. (*This course is given in Turkish*)

ISL404 Müşteri İlişkileri Yönetimi (Customer Relationship Management) (3 credits) The purpose of this course is to define these contents: CRM, CRM in Marketing, CRM and Customer Service, Sales Force Automation, CRM in E-Business, Analytical CRM, Planning a CRM Program, Selecting a CRM Tool, Managing a CRM Project, CRM Future. (*This course is given in Turkish*)

SAG310 Sağlık Hizmetlerinde Pazarlama (Marketing Health Services) (3 credits) This course focuses an introductory survey of marketing concepts as applied to health services organizations, consumer behavior, market segmentation, target marketing, marketing research, management, and control of marketing mix variables. (*This course is given in Turkish*)

SAG408 Tıbbi Etik ve Hasta Hakları (Medical Ethic and Patient Rights) (3 credits) The purpose of this course is to define these contents: Medical Ethics Concepts, Cases about Medical ethics, patient rights, rights and responsibilities of health employees. (*This course is given in Turkish*)

SAG412 Tıbbi Dokümantasyon (Medical Documentation) (3 credits) The purpose of this course is to refresh health professionals on the requirements of medical record documentation as well as professional, responsible documentation strategies. (*This course is given in Turkish*)

Nursing (Turkish)

About Program

The aim of the Department of Nursing is to educate nurses who plan, organize, apply and evaluate nursing services directed to goals of preserving, enhancing the health of individuals, families and societies and diagnosing possible affections. The goal is to train inquisitive, socially responsible nurses with the capability of taking charge as consultants, educators of nurses and managers in line with the international standards and ethics codes.

Objectives

The total credits required for the satisfactory completion of the curriculum are 150 credits. Program additionally requires total 80 days compulsory summer internships, compulsory semester internships about 80 days and total 42 days compulsory intern probation.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FTR101	Anatomi I	Yes	Yes	3+2	4
FTR103	Fizyoloji I	Yes	Yes	3+0	3
HEM105	Hemşireliğe Giriş	Yes	Yes	2+0	2
TRD101	Türk Dili I	Yes	Yes	2+0	2
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2+0	2
KYP001	Kariyer ve Yaşam Programı	Yes	Yes	0+2	1
	Seçimlik Dil Dersi	No	Yes	2+2	3
	Seçimlik Ders	No	Yes	2+0	2
Total					19

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FTR102	Anatomi II	Yes	Yes	3+2	4
FTR104	Fizyoloji II	Yes	Yes	3+0	3
HEM102	Hemşireliğin Temelleri	Yes	Yes	3+12	9
TRD102	Türk Dili II	Yes	Yes	2+0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2+0	2
	Seçimlik Dil Dersi	No	Yes	2+2	3
	Seçimlik Ders	No	Yes	2+0	2
TOTAL					25

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HEM201	Dahili Tıp Hemşireliği	Yes	Yes	4+8	8
SBYO201	Patoloji	Yes	Yes	2+0	2
SBYO203	Farmakoloji	Yes	Yes	3+0	3
SBYO205	Genel Mikrobiyoloji	Yes	Yes	2+0	2
	Seçimlik Dil Dersi	No	Yes	2+2	3
	Seçimlik Ders	No	Yes	3+0	3
Total					21

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HEM206	Cerrahi Hemşirelik	Yes	Yes	4+8	8
HEM204	Enfeksiyon Hemşireliği	Yes	Yes	2+0	2
SAG210	Sağlık Eğitimi	Yes	Yes	3+0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Seçimlik Dil Dersi	No	Yes	2+2	3
Total					16

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HEM301	Kadın Sağlığı Hemşireliği	Yes	Yes	4+8	8
HEM315	Temel İlk Yardım Uygulamaları	Yes	Yes	2+0	2
	Seçimlik Dil Dersi	No	Yes	2+2	3
	Seçimlik Ders	No	Yes	2+0	2
Total					15

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HEM302	Pediyatrik Hemşireliği	Yes	Yes	4+8	8
HEM310	Ruh Sağlığı Hemşireliği	Yes	Yes	4+8	8
SBYO302	Biyoistatistik	Yes	Yes	2+0	2
	Seçimlik Dil Dersi	No	Yes	2+2	3
Total					21

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HEM401	Halk Saęlıęı Hemşirelięi	Yes	Yes	3+8	7
SAG403	Epidemiyoloji	Yes	Yes	3+0	3
HEM403	Hemşire Hizmetleri Yönetimi	Yes	Yes	3+4	5
	seçimlik Ders	No	Yes	2+0	2
Total					17

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HEM402	Staj	Yes	Yes	0+24	12
	Seçimlik Ders (Final Projesi/ Seminer)	No	Yes	0+2	1
	Seçimlik Ders	No	Yes	3+0	3
Total					16

ELECTIVES**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG111	İngilizce I	No	Yes	2+2	3
ENG113	Akademik Okuma ve Yazma I	No	Yes	2+2	3
HEM107	Saęlıkta Kişilerarası İlişkiler	No	Yes	2+0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG112	İngilizce II	No	Yes	2+2	3
ENG114	Akademik Okuma ve Yazma II	No	Yes	2+2	3
BES152	Sağlık ve Beslenme	No	Yes	2+0	2

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG213	Akademik Dinleme ve Konuşma I	No	Yes	2+2	3
ENG215	İş İletişimi için İngilizceI	No	Yes	2+2	3
HEM209	Kültürlerarası Hemşirelik	No	Yes	3+0	3
HEM205	Engelli Bireylerle Çalışma	No	Yes	3+0	3
SAG201	Halk Sağlığı	No	Yes	3+0	3
HEM111	Sağlığın Değerlendirilmesi ve Fizik Muayene I	No	Yes	2+0	2
HEM211	HEM211 Sağlık Hizmetlerinde Hasta Güvenliği Uygulamaları	No	Yes	3+0	3
HEM207	Cinsel Sağlık/Üreme Sağlığı	No	Yes	3+0	3

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG214	Akademik Dinleme ve Konuşma II	No	Yes	2+2	3
ENG216	İş İletişimi için İngilizceII	No	Yes	2+2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG313	TOELF IBT Ders I	No	Yes	2+2	3
RUS111	Temel Rusça I	No	Yes	2+2	3
GER111	Temel Almanca I	No	Yes	2+2	3
CHN111	Temel Çince I	No	Yes	2+2	3
ARP111	Temel Arapça I	No	Yes	2+2	3
HEM307	Adli Tıp Hemşireliği	No	Yes	2+0	2
HEM309	Evde Bakım Hemşireliği	No	Yes	2+0	2

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG314	TOELF IBT Ders II	No	Yes	2+2	3
RUS112	Temel Rusça II	No	Yes	2+2	3
GER112	Temel Almanca II	No	Yes	2+2	3
CHN112	Temel Çince II	No	Yes	2+2	3
ARP112	Temel Arapça II	No	Yes	2+2	3
HEM306	Geriatik Hemşireliği	No	Yes	2+2	3

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

HEM405	Kanıtı Dayalı Hemşirelik Pratiği	No	Yes	2+0	2
SAG401	Sağlık Sistemleri ve Politikaları	No	Yes	3+0	3
SAG407	Sağlıkta Kalite Yönetimi	No	Yes	3+0	3

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
HEM409	Final Projesi/ Seminer	No	Yes	0+2	1
SAG413	Sağlık Sigortası	No	Yes	3+0	3
SAG408	Tıbbi Etik ve Hasta Hakları	No	Yes	3+0	3
HEM406	Hemşirelikte Bilişim	No	Yes	3+0	3
Grand Total					150

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Description

FTR101 Anatomi (Anatomy I) (4 credits) Introduction to anatomy, terminology, the human organism, musculo skeletal system, bones, joints, muscles and general information about the circulatory system, digestive system, respiratory system, urinary system. *(This course is given in Turkish)*

FTR103 Fizyoloji (Physiology I) (3 credits) Introduction to physiology, homeostasis, and the structure of the cell, the cell potential, skeletal muscle physiology, smooth muscle physiology, blood physiology, physiology of the heart muscle, coronary and peripheral circulation, peripheral nervous system, the sympathetic nervous system, the parasympathetic nervous system. *(This course is given in Turkish)*

HEM105 Hemşireliğe Giriş (Introduction to Nursing) (2 credits) The purpose of this course is to bring information students in basic philosophy of nursing, basic concept and theory of nursing care, role and responsibilities of nurses, current topics at nursing. *(This course is given in Turkish)*

TRD101 Türk Dili I (Turkish Language I) (2 Credits) *(See General Education)*

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution I) (2 Credits) *(See General Education)*

KYP001 Kariyer ve Yaşam Programı (Career and Life) (1 Credit) The purpose of this course is to provide an overview of career development theories and decision-making skills for career/life planning. It focuses on self-assessment, choosing a major, exploring career options and developing an action plan to help achieve career goals. The course engages students in the use of critical thinking skills in evaluating their interests, values, skills, and personality in order to understand how personal characteristics influence career choices. *(This course is given in Turkish)*

FTR102 Anatomi II (Anatomy II) (4 credits) The aim of this course is to give information about urogenital system, endocrine system, the nervous system (CNS gross anatomy, spinal cord, brain stem, the medulla oblongata, pons, mesencephalon, brain, cerebrum, diencephalon, cranial nerves, spinal nerves and their plexuses of the autonomic nervous system, the sympathetic system, the parasympathetic system, sensory organs and receptors in the skin), Smell bodies and roads, and paths Tad organ, organ of hearing and paths, reflex and reflex arc. *(This course is given in Turkish)*

FTR104 Fizyoloji II (Physiology II) (3 credits) The aim of this course is to training functions of the kidney, respiratory system, endocrine system, liver and functions, metabolism, gastrointestinal tract, skin physiology, the structure of the eye and visual pathways, hearing physiology, physiology of smell. *(This course is given in Turkish)*

HEM102 Hemşireliğin Temelleri (Fundamentals of Nursing) (9 credits) The aim of this course is to provide foundational psychomotor skills/interventions used in nursing practice when caring for persons in various contexts. *(This course is given in Turkish)*

TRD102 Türk Dili (Turkish II) (2 Credits) *(See General Education)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of The Revolution II) (3 Credits) (*See General Education*)

HEM201 Dahili Tıp Hemşireliği (Internal Medicine Nursing) (8 Credits) The aim of this course to common for the students undergoing clinical speciality in health assesment of patient, introduction to medical nursing and practice, care in medical hospital setting, management of patients with pain, disorders of cardiovascular and respiratory system, disorders of gastrointestinal tract, management of patients of blood, endocrine system, genito urinary system, disorders of nervous system, integumentary system, oncology, geriatric nursing. It is designed to assist student in developing expertise and in depth knowledge in field of nursing. It will help students to appreciate the patient as a holistic individual and develop skill to function as a specialized medical nurse. It will further enable the student to function as educator, manager and researcher in the field of medical nursing. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. (*This course is given in Turkish*)

SBYO201 Patoloji (Pathology) (2 Credits) The purpose of this course is to provide the student with a comprehensive understanding of the human body at both the gross anatomical and micro anatomical levels. (*This course is given in Turkish*)

SBYO203 Farmakoloji (Pharmacology) (3 Credits) The purpose of this course is to provide general information about the basic concepts of the interactions between the drugs and living organisms and to teach the students about the minimum pharmacological approach about the drugs used in maintenance of health and the treatment of diseases. Moreover, this lecture aims to evaluate the major drug classifications, through the use of prototypes and teach the necessary the drugs for human systems and diseases. (*This course is given in Turkish*)

SBYO205 Genel Mikrobiyoloji (General Microbiology) (2 Credits) The purpose of this course is to bring students information about chemical concepts, atoms, organic compounds (carbonhydrate, lipit, protein, nucleic acid), concepts, principles and variety of cell, principles of heredity, mitotic division and meiosis, transduction (DNA, RNA, protein synthesis), herediter disease and inovation, biological systems and function. (*This course is given in Turkish*)

HEM206 Cerrahi Hemşirelik (Surgical Nursing) (8 credits) The aim of this course designated to provide the knowledge necessary to move from the role of a graduate nurse. The focus is directed toward the legal, ethical and professional responsibilities of the surgical nurse in managerial and coordinating roles. (*This course is given in Turkish*)

HEM204 Enfeksiyon Hemşireliği (Infectious Diseases Nursing) (2 credits) The purpose of this course is to bring students information about general characteristics and importance of infectious disease, symptoms, notice, isolation, immunization and ways of made of transmission of infectious diseases. (*This course is given in Turkish*)

SAG210 Sağlık Eğitimi (Health Education) (3 credits) The purpose of this course is to demonstrate the ability to Access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family and community health. (*This course is given in Turkish*)

HEM301 Kadın Sağlığı Hemşireliği (Women's Health Nursing) (8 credits) The aim of this course provides the necessary knowledge and skills related to the roles of gynecologic and obstetric nursing, and protect physical, psychological, social and reproductive health of women's in family and also community. *(This course is given in Turkish)*

HEM315 Temel İlk Yardım Uygulamaları Basic First Aid Applications (2 credits) *(See General Education)*

HEM302 Pediatrik Hemşireliği (Pediatric Nursing) (8 credits) The aim of this course to introduce the student to appropriate scientific knowledge which enables them to develop their own unique clinical and educational approach to care of children and their families. This course moves from simple to complex issues; starting with concepts of normal growth and development, health promotion and maintenance, and the prevention of illnesses and accidents and then to selected health problems (chronic and common health problems, and communicable diseases). This is achieved through utilizing the nursing process, developmental theories, new trends and the latest approaches in the management and caring of children. The course encourages students to utilize knowledge synthesis, problem solving techniques, critical thinking, and family centered approached in the provision of empowered care. *(This course is given in Turkish)*

HEM310 Ruh Sağlığı Hemşireliği (Mental Health Nursing) (8 credits) The aim of this course is to provide the knowledge necessary to move from the role of a student to that of a graduate nurse. The focus is directed toward the professional responsibilities of the psychiatric and mental health nurse in mental health caring and leadership roles. *(This course is given in Turkish)*

SBYO302 Biyoistatistik (Biostatistics) (2 credits) The aim of this course is to bring students who complete course are expected to be able to understand and interpret all of the basic statistical methods used in scientific journals in their field of study, as well as use basic statistics in their own research. *(This course is given in Turkish)*

HEM401 Halk Sağlığı Hemşireliği (Community Health Nursing) (7 credits) The aim of this course is to bring students information about public nursing science, basic concepts and principles, basic needs of community, health care systems of country, professional role and responsibilities. *(This course is given in Turkish)*

SAG403 Epidemiyoloji (Epidemiology) (3 Credits) The purpose of this course is to introduce epidemiology for students majoring in any aspect of public health; covers the principles and methods of epidemiologic investigation including describing the patterns of illness in populations and research designs for investigating the etiology of disease. Introduces quantitative measures to determine risk, association and procedures for standardization of rates. *(This course is given in Turkish)*

HEM403 Hemşire Hizmetleri Yönetimi (Nursing Services Administration) (5 credits) The aim of this course is to assist students to develop a broad understanding of principles, concepts, trends and issues related to nursing management. Further, it would provide opportunity to students to understand, appreciate and acquire skills in planning, supervision and management of nursing services at different levels to provide quality nursing services. *(This course is given in Turkish)*

ENG111 İngilizce I (English I) (3 Credits) *(See General Education)*

ENG113 Akademik Okuma ve Yazma I (Academic Reading and Writing I) (3 Credits) *(See General Education)*

HEM107 Sağlıkta Kişilerarası İlişkiler (Interpersonal Relations in Health) (2 credits) This course aims to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

ENG112 İngilizce II (English II) (3 Credits) *(See General Education)*

ENG114 Akademik Okuma ve Yazma II (Academic Reading and Writing II) (3 Credits) *(See General Education)*

BES152 Sağlık ve Beslenme (Health and Nutrition) (2 credits) *(See General Education)*

ENG213 Akademik Dinleme ve Konuşma I (Academic Listening and Speaking I) (3 credits) *(See General Education)*

ENG 215 English for Business CommunicationI (İş İletişimi için İngilizceI) (3 credits)

HEM209 Kültürlerarası Hemşirelik (Cross-cultural Nursing) (3 credits) The aim of this course is to bring information students about culture concepts, theory, principles and importance at health and disease, nursing approach with practice. *(This course is given in Turkish)*

HEM205 Engelli Bireylerle Çalışma (Working with Individuals with Disabilities) (3 credits) The aim of this course is to bring students information about concept of disability, rights and global situation of disabilities, challenge for disabilities and committed regulation by government, communication with disability people. *(This course is given in Turkish)*

SAG201 Halk Sağlığı (Community Health) (3 credits) The purpose of this course is review concepts of health and public health, first aid, principles of injection, infectious diseases, geriatric physical therapy and rehabilitation programs. *(This course is given in Turkish)*

HEM111 Sağlıkın Değerlendirilmesi ve Fizik Muayene I (Evaluation of Health and Physical Examination I) (2 credits) The purpose of this course is to bring students information and abilities about principles at evaluation of health and physical examination with practice, role and responsibilities of nurse. *(This course is given in Turkish)*

HEM211 Sağlık Hizmetlerinde Hasta Güvenliği Uygulamaları (Patient Safety Practices in Health Care Services) (3 credits) The aim of this course is to bring students information about patient security risks at medical establishment, definition, approach to accident, taking measures, prevention strategies. *(This course is given in Turkish)*

HEM207 Cinsel Sağlık/Üreme Sağlığı (Sexual Health/ Reproductive Health) (3 credits) The purpose of this course is to examine reproductive health issues, programs, services, and policies in developed and developing countries. The course content will emphasize social, economic, environmental, behavioral, and political factors that affect family planning, reproductive health, fertility, and pregnancy outcome. The course will have three areas of focus: (1) interventions and programs to improve reproductive health; (2) the measurement and interpretation of reproductive indices (within nations and globally); and (3) policies that affect reproductive health (with an emphasis on global policies and funding). *(This course is given in Turkish)*

RUS111 Temel Rusça I (Basic Russian I) (3 Credits) *(See General Education)*

GER111 Temel Almanca I (Basic German I) (3 Credits) *(See General Education)*

CHN111 Temel Çince I (Basic Chinese I) (3 Credits) *(See General Education)*

ARP111 Temel Arapça I (Basic Arabic I) (3 credits) *(See General Education)*

HEM307 Adli Tıp Hemşireliği (Forensic Nursing) (2 credits) The purpose of this course is to bring information students about basic concepts and principles in forensic, legal organization, role and responsibilities of forensic nurses, problem solving approach to vocational and ethics discussion.

HEM309 Evde Bakım Hemşireliği (Home Care Nursing) (2 credits) The aim of this course is to bring information students about necessity of home care patient and family with holistic approach, made of nursing process for home care duration, research, communication with other health care staff. *(This course is given in Turkish)*

RUS112 Temel Rusça (Basic Russian II) (3 Credits) *(See General Education)*

GER112 Temel Almanca (Basic German II) (3 Credits) *(See General Education)*

CHN112 Temel Çince (Basic Chinese II) (3 Credits) *(See General Education)*

ARB112 Temel Arapça II (Basic Arabic II) (3 credits) *(See General Education)*

HEM306 Geriatrik Hemşireliği (Geriatric Nursing) (2 credits) The aim of this course is to bring students information which are using at practice, about problems of twirly in Turkey and others, aging process, so developing disease and approach, aging services by government and problems, healthy aging, developing quality of life in aging. *(This course is given in Turkish)*

HEM405 Kanıta Dayalı Hemşirelik Pratiği (Evidence-Based Nursing Practice) (2 credits) The aim of this course is to introduce the student to appropriate scientific knowledge which enables them to develop their own unique clinical and educational approach to nursing. This lesson is to gain and improve the student's knowledge, attitude and skill related to evidence-based nursing care. *(This course is given in Turkish)*

SAG401 Sağlık Sistemleri ve Politikaları (Health Systems and Policies) (3 credits) The aim of this course is to bring information students about determinant of national health system, classification of health systems, health systems of Turkey and others, approach of health services. *(This course is given in Turkish)*

SAG407 Sağlıkta Kalite Yönetimi (Health Care Quality Management) (3 credits) The aim of this course is to provide information about concept of quality, history and importance of quality, systems and management of quality, standarts of quality made by Board of Health. *(This course is given in Turkish)*

SAG413 Sağlık Sigortası (Health Insurance) (3 credits) The purpose of this course is to provide knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

SAG408 Tıbbi Etik ve Hasta Hakları (Medical Ethics and Patient Rights) (3 credits) The aim of this course is to bring students in basic concepts of ethic, patient rights through of medical ethics, health staff and patient communication, discussion of medical problems in the view ethic. *(This course is given in Turkish)*

HEM406 Hemşirelikte Bilişim (Informatics at Nursing) (3 credits) The aim of this course is to bring skills students in how nursing data taking, transmitting, keeping, managing, transforming to information. *(This course is given in Turkish)*

Nutrition and Dietetics (Turkish) (English)

About Program

The aim of the Nutrition and Dietetics Program is to educate students to become dietitians who analyze and find solutions for nutritional problems of the individuals and the community, provide healthy nutrition to the mass feeding organizations in public and private sector by effective management of food services, contribute to nutrition education and policy making activities across disciplines through effective communication, plan diets for individuals which suits their psychological, physiological, economical and sociological conditions, continue to advance their knowledge by following developments in academic world and make contributions through researches. The vision of the department is to be recognized, preferred and role model in both national and international level with its scientific researches, consultation services and publications.

Objectives

The program also aims to raise healthy nutrition and prevent the diet related disease. The total credits required for the satisfactory completion of the curriculum are 138 credits. The program additionally requires a summer internship enduring 20 work days.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA101	History of Turkish Revolution I	Yes	Yes	2 + 0	2
TRD101	Turkish I	Yes	Yes	2 + 0	2
NUT101	Principles of Nutrition I	Yes	Yes	3+2	4
ANA101	Anatomy	Yes	Yes	2+2	3
CHM111	Chemistry	Yes	Yes	2 + 0	2
NUT103	Vocational Orientation	Yes	Yes	1 + 0	1
	Elective Foreign Language	Yes	Yes	2+2	3
	Elective Course	No	Yes	2 + 0	2

[+] 1st Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
HEM107	Interpersonal Relations	No	Yes	2 + 0	2
ENG113	Academic Reading and Writing I	Yes	Yes	2+2	3
ENG111	English	Yes	Yes	2+2	3
Total					19

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA102	History of Turkish Revolution II	Yes	Yes	2+0	2
CLP001	Career and Life Planning	Yes	Yes	0+2	1
PHY102	Physiology	Yes	Yes	3+0	3
TRD102	Turkish II	Yes	Yes	2+0	2
NUT102	Principles of Nutrition II	Yes	Yes	3+2	4

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

	Elective Foreign Language	Yes	Yes	2+2	3
	Elective Course	No	Yes	2 +0	2

[+] **2nd Semester Elective Course List**

Code	Course Title	*C	**A	***L+P Hours	Credits
BES152	Healthy Nutrition	No	Yes	2 + 0	2
SAG204	Health Science and Medical Terminology	No	Yes	3 + 0	3
ENG114	Academic Reading and Writing II	Yes	Yes	2+2	3
ENG112	English II	Yes	Yes	2+2	3
Total					17

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
NUT201	Nutritional Biochemistry I	Yes	Yes	2+0	2
NUT203	Food Chemistry and Analysis	Yes	Yes	2+2	3
GMB205	General Microbiology	Yes	Yes	2+0	2
HM201	Public Health	Yes	Yes	3 + 0	3
	Elective Course	No	Yes	2+0	2
	Foreign Languages Elective	No	Yes	2+2	3

[+] **3rd Semester Elective Course List**

Code	Course Title	*C	**A	***L+P Hours	Credits
BES205	The Principles of Cooking	No	Yes	2 + 2	3
ENG213	Academic Listening and Speaking I	No	Yes	2 + 2	3
ENG215	English for Business Communication I	No	Yes	2 + 2	3
ING215	Business English I	No	Yes	2 + 0	2
Total					15

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
NUT202	Nutritional Biochemistry II	Yes	Yes	2+0	2
NUT204	Nutrition Microbiology	Yes	Yes	2+2	3
NUT206	Food Control and Legislation	Yes	Yes	2+0	2
NUT208	Nutrition Education	Yes	Yes	3+0	3
	Elective Course	No	Yes	2+0	2
	Foreign Languages Elective	No	Yes	2+2	3

[+] 4th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG214	Academic Listening and Speaking II	No	Yes	2 + 2	3
ENG216	English for Business Communication II	No	Yes	2 + 2	3
NUT208	Introduction to Nutrition	No	Yes	2 + 0	2
TOTAL					15

5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
NUT301	Maternal and Child Nutrition	Yes	Yes	2+2	3
NUT303	Institutional Nutrition I	Yes	Yes	3+0	3
NUT305	Diet Therapy of Diseases I	Yes	Yes	3+2	4
NUT309	Nutritional Anthropology	Yes	Yes	2+0	2
	Foreign Languages Elective	No	Yes	2+2	3
	Elective Course	No	Yes	2+0	2

[+] 5th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
ING313	TOEFL IBT Course I	No	Yes	2 + 2	3
RUS111	Basic Russian I	No	Yes	2 + 2	3
ALM111	Basic German I	No	Yes	2 + 2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

CIN111	Basic Chinese I	No	Yes	2 + 2	3
ARP111	Basic Arabic I	No	Yes	2 + 2	2
NUT307	Sports Nutrition	No	Yes	2 + 0	2
Total					17

6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
NUT302	Child Diseases Nutrition	No	Yes	2+2	3
NUT304	Institutional Nutrition II	Yes	Yes	3+0	3
NUT306	Diet Therapy of Diseases II	Yes	Yes	3+2	4
NUT308	Nutrition Problems	Yes	Yes	2+2	3
	Foreign Languages Elective	No	Yes	2+2	3
	Elective Course	No	Yes	2+0	2

[+] 6th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
ING314	TOEFL IBT Course II	No	Yes	2 + 2	3
RUS112	Basic Russian II	No	Yes	2 + 2	3
ALM112	Basic German II	No	Yes	2 + 2	3
CIN112	Basic Chinese II	No	Yes	2 + 2	3
ARP112	Basic Arabic II	No	Yes	2 + 2	3
SBYO302	Biostatistics	No	Yes	2 + 0	2
NUT310	Enteral and Parenteral Nutrition	No	Yes	2 + 2	3
Total					18

7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
NUT403	Institution and Hospital Practice I	Yes	Yes	2+24	14
SAG403	Epidemiology	Yes	Yes	3+0	3
	Elective Course	Yes	Yes	2+0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 7thSemester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
BES405	Drug-Nutrient Interactions	No	Yes	2 + 0	2
SAG401	Health Systems and Policies	No	Yes	3 + 0	3
SAG407	Health Care Quality Management	No	Yes	3 + 0	3
SAG413	Health Insurance	No	Yes	3 + 0	3
Total					19

8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
NUT404	Institution and Hospital Practice II	Yes	Yes	2+24	14
NUT409	Senior Project / Seminar	Yes	Yes	0+2	1
SAG408	Medical Ethics and Patient Rights	Yes	Yes	3+0	3
Total					18
Grand Total					138

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Description

ANA101 Anatomy (3 credits) The purpose of this course is to describe the anatomy and terminology, skeleton system, bone types, neurocranium, viscerocranium, hyoid bone-vertebrae-thorax, appendicular bones, pectoral; clavicae-scapulae, upper limb, humerus-ulnae-radius-carpal bones, metacarpal bones-phalanges-pelvic structure, brachial plexus, lower limb, femur-patella-tibia-fibulae, lumbo sacral plexus, classification of joints, aging and joints, movements of skeleton muscles, surface muscles, muscles of face, eyes, lingual and neck, muscles of larynx, head, abdomen and thorax, muscles of humerus, radius, ulna and wrist, muscles of abdominal wall, muscles of pectoral region, muscles of femur, tibia, fibula and feet, muscles of pelvis and perineum.

NUT101 Principles of Nutrition I (4 credits) The purpose of this course is to define the adequate, balanced and healthy nutrition, features of food groups and foods, classify the nutrients, proteins and amino acids, carbohydrates and lipids, fat-soluble and water-soluble vitamins, macro minerals and trace elements, water balance, water requirement and drinks, basic principles of nutrition in special cases, adverse consequences of obesity and malnutrition, frequently asked basic nutrition questions and answers, examples of menu planning for daily food consumption, calculation of energy and nutrient values of the menus, introduction of tables and formulas used in the calculation of energy and nutrient needs of individuals.

CHM111 Chemistry (2 credits) The aim of this course is to define the metric systems, conversion factors, density, specific gravity, temperature relationships, structure of atoms, isotopes, electron arrangement, orbitals, periodic table properties, compounds, bonding, mole concept, radioactivity, physical states of matter, the general principles of inorganic chemistry, physical states of matter, and energy, gases, solutions, solubility, and electrolytes.

TRD111 Turkish I (2 credits) (*See General Education*)

CGE115 Vocational Orientation (1 credits) The aim of this course is general introduction to the Department of Nutrition and Dietetics, national and international programs and standards of practice, presentation and content of the courses in the curriculum, job opportunities and legislation, introducing national and international dietetic organizations, academic promotion opportunities, evaluation of dietitian's role in media, introduction and job descriptions of the areas dietitians can be assigned such as in clinical settings, institutional food services, community nutrition programs, specific formulas sections in pharmaceutical sectors, food production sectors and private consulting services with the help of invited representative dietitians.

ATA111 History of Turkish Revolution I (2 credits) (*See General Education*)

ENG113 Academic Reading and Writing I (3 credits) The purpose of this course is to help students build competence in vocabulary and reading as they move toward writing skill development and completion of a writing assignment. In addition, students study the features and language of reading texts, and learn to apply them in their own writing. Also introducing them to dentistry vocabulary terms.

PHY102 Physiology (3 credits) The aim of this course is to define cell and blood physiology, body fluids, nutrition and metabolism, nervous system, physiology of renal, respiratory, digestion, endocrine and reproductive systems, cell physiology, peripheral nervous system physiology, muscle physiology,

blood physiology, cardiovascular physiology, respiratory physiology, urinary physiology, digestive physiology, metabolism physiology, sensory physiology, endocrine physiology.

NUT102 Principles of Nutrition II (4 credits) The purpose of this course is to describe the changes happening in carbohydrates, protein and fats during cooking, types of fiber and the effect of acid and base, changes in pigments of foods during preparation and cooking, the use of sugar and salt in food preservation for long-term storage, food drying methods, the use of a refrigerator, placement of foods in it and the cleaning of refrigerators, definition of critical areas for microbial growth in laboratory and issues to be considered in laboratory cleaning, definition and usage principles of cleaning tools and solutions.

TRD112 Turkish I (2 credits) (*See General Education*)

ATA112 History of Turkish Revolution I (2 credits) (*See General Education*)

CLP001 Career and Life Planning (1 credits) The purpose of this course is to provide an overview of career development theories and decision-making skills for career/life planning. It focuses on self-assessment, choosing a major, exploring career options and developing an action plan to help achieve career goals. The course engages students in the use of critical thinking skills in evaluating their interests, values, skills, and personality in order to understand how personal characteristics influence career choices.

ENG114 Academic Reading and Writing II (3 credits) (*See General Education*)

NUT201 Nutritional Biochemistry I (2 credits) The purpose of this course is to introduce the nutrition biochemistry, the chemical composition of the body, cell structure and metabolic pathways, carbohydrate digestion, absorption and metabolic processes, protein digestion, absorption and metabolic processes, lipid digestion, absorption and metabolic processes, energy metabolism, vitamins and their roles in metabolism.

NUT203 Food chemistry and Analysis (3 credits) The purpose of this course is to define the solutions and colloidal systems, water reactions and ice, the effect of carbohydrates and acid-base, reactions that leads to structural changes in amino acids, peptides and proteins, reactions with fatty acids, factors affecting enzyme activity, enzymes found in foods and usage in food industry, color pigments found in foods, taste substances and items in foods, sensory quality evaluation, functional foods, prebiotic- and pro-biotics, genetic modified foods, nano-food technology and nano-foods, reactions in ready-made products processes with milk, egg, meat, reactions in ready-made products processes with cereals, legumes, vegetables and fruits.

GMB205 General Microbiology (2 credits) The purpose of this course is to define the basic morphologic structures of bacteria, bacterial metabolism and growth, bacterial genetics, general properties of Rickettsiae, Mycoplasmas, Chlamydiae and Spirochetes, general properties of viruses, general properties of fungi, general properties of parasites, sterilization, disinfection, antibacterial agents, environmental microbiology, transmission ways and pathogenesis of infectious agents and normal flora, transmission ways and pathogenesis of infectious agents and normal flora, Introduction to immune system, mechanisms of innate immunity, mechanisms of specific immunity, infectious agents transmitted from gastrointestinal tract and food borne infections.

HM201 Public Health (3 credits) The aim of this course is to introduce to public health, to define the concepts of health and disease, demographic structure and health relationship, the criteria determining the level of health, epidemiological research methods, women in society and development, the basic principles and programs in healthcare management, maternal and child health, immunization, primary health-reproductive health and family planning in development plans, nutrition programs and community involvement in development plans, occupational health, environmental health.

NUT202 Nutritional Biochemistry II (2 credits) The purpose of this course is to define hormones and functions, nucleic acids, purine and pyrimidine metabolism, DNA and its role in cell regeneration and proliferation, DNA damage, oxidative stress, antioxidant defense systems, neurotransmitters, eicosanoids and prostaglandins, factors affecting nutrient intake, hunger, satiety and appetite.

NUT204 Nutrition Microbiology (3 credits) The purpose of this course is to introduce to food microbiology, to define the factors affecting the growth of microorganisms in foods, bacterial spores and indicator microorganisms, fermentation of nutrients, deterioration of fruits and vegetables, deterioration of milk and milk products, methods of microbiological assessment, deterioration of meat, meat products and fish, mycotoxigenic molds and other fungi that cause foods to deteriorate, food poisoning, food storage methods.

NUT206 Food Control and Legislation (2 credits) The aim of this course is to introduce to food control and legislation, to define the food control in Turkey (responsible institutions and practices), laws and regulations of food control, food statements, features and usage of food additives in foods, legislations related to food additives, nutrient pollution and related legislations (Pesticides, Plant Growth Regulators), food pollution and related legislations (Anabolics, metabolic infections, radionucleids, plastic monomers, detergents).

NUT208 Nutrition Education (3 credits) The purpose of this course is introduce to course, to define of content and expectations, health promotion and basic principles of health education, the importance of community participation in health programs, determination of community necessities and steps in developing education and training programs, determining the strategies to rise society awareness in general health and nutrition, basic principles in child and adolescent education, basic principles in adult education, educational principles, methods and materials used in education and training, interpersonal communication, empathy and emotional awareness.

NUT301 Maternal and Child Nutrition (3 credits) The purpose of this course is to introduce to mother and child health, to define the nutrition and physical activity in pregnancy, gestational diabetes, nutrition and physical activity during lactation, nursing techniques, factors affecting milk production, chemical and biochemical components and microbiological assessment of breast milk, newborn and child nutrition, complementary foods, premature babies and their nutrition, parenteral nutrition and formulas, 1-2 years old children's nutrition, nutrition in nurseries, 2-5 years children nutrition, nutrition in kindergartens, 6-10 years children nutrition and physical activity, 11-18 years adolescent nutrition and the importance of sport, nutrition and mental development.

NUT303 Institutional Nutrition I (3 credits) The aim of this course is to define the institutional food service systems and caterings, development of international catering systems, management and control of food service systems, job description, work schedule and work necessities of personnel working in institutional food service systems staff training programs and tools, kitchen planning and layouts, materials and utensils in kitchens and cafeterias and their properties, HACCP implementations in

catering systems, methods applied in purchasing foods, food quality definitions, menu planning and their evaluation.

NUT305 Diet Therapy of Diseases I (4 credits) The purpose of this course is to define body weight control, energy imbalance problems, obesity etiology, obesogenic environment, pathophysiology, malnutrition and eating disorders, cardiovascular diseases, reasons and pathophysiology of dyslipidemia, nutrition treatment of cardiovascular diseases, hypertension and nutrition treatment, metabolic syndrome and nutrition treatment, history, definition and classification of Diabetes Mellitus, nutrition treatment in diabetes mellitus, food exchanges and carbohydrate countings.

NUT309 Nutritional Anthropology (2 credits) The aim of this course is to define human being evolutionary stages and their nutrition, nutrition during paleolithic and neolithic ages, food habits of communities, factors affecting food choice of communities, differences in food habits of different cultures, factors affecting food habits changes, basic properties of American, Europe, African, Far East Countries cuisines and differences in food preparation and cooking, Turkish Cuisine.

NUT302 Child Diseases Nutrition (3 credits) The purpose of this course is to define the importance of medical nutrition therapy in childhood disease, nutrition in premature infants, protein energy malnutrition and its medical nutrition therapy, acute gastroenteritis and its medical nutrition therapy, malabsorptions (CHO, Protein, Lipid) and their medical nutrition therapy, metabolic disorders in children and their medical nutrition therapy (Protein, carbohydrate and fat metabolism disorders), Type 1 diabetes and its medical nutrition therapy, chronic kidney diseases and their medical nutrition therapy, infection diseases and their diet therapy.

NUT304 Institutional Nutrition II (3 credits) The aim of this course is to define food preparation and cooking in institutional food service systems, recipe standardization, food purchasing methods, food quality control measurements, portion control and food service systems, food wastes and their control, dishwashing and garbage disposal, kitchen accidents and preventions, measurements of productivity and work simplification.

NUT306 Diet Therapy of Diseases II (4 credits) The aim of this course is to define etiology and complications of liver diseases, gall bladder disease, renal diseases, infections, cancer, gut, Cushing's syndrome Addison's disease, rheumatic diseases, nervous system diseases, arthritis and food allergies and their dietary treatments, test diets, food and drug interactions.

NUT308 Nutrition Problems (3 credits) The purpose of this course is to identify nutrition problems in the community, investigating the relationship of nutrition and disease and their prevention, generating nutritional plan and programs for prevention and development of the diseases and preparing food guidelines for specific groups such as public, school children, adolescents and elderly.

NUT403 Institution and Hospital Practice I (14 credits) The purpose of this course is to define the students practical placements periods for their preparation to work in mass catering institutions and hospitals like health settings. Dietitians working in selected institutions and hospitals and academic staff are responsible in consulting the students during their stay in these places.

SAG403 Epidemiology (3 credits) The aim of this course is to define, objectives and historical development of epidemiology, epidemiological data sources, classification of data sources, properties of data sources, data collection tools, epidemiological criteria, criteria determining the level of death

(mortality) and fertility, epidemiological research planning, important variables in epidemiological studies, survey methods and properties, types of survey, sections of the questionnaire, epidemiology of infectious diseases, general characteristics of the problem of infectious diseases, various concepts related to communicable diseases, control of infectious diseases, epidemiological investigation of outbreaks, important infectious diseases.

NUT404 Institution and Hospital Practice II (14 credits) The purpose of this course is to define students practical placements periods for their preparation to work in mass catering institutions and hospitals like health settings. Dietitians working in selected institutions and hospitals and academic staff are responsible in consulting the students during their stay in these places.

NUT409 Senior Project / Seminar (1 credits) The aim of this course is to define preparation and presentation of a graduate project/seminar about a topic selected among food, nutrition or dietetics by reviewing the latest literature.

SAG408 Medical Ethics and Patient Rights (3 credits) The purpose of this course is to define the medical ethics concept, case studies related with medical ethics, patient rights, and rights and responsibilities of health personnel/professionals.

ELECTIVES

HEM107 Interpersonal Relations (2 credits) The purpose of this course is to define human and personality, interpersonal relationships, interpersonal relationships and culture, theories, concepts and methods of communication, therapeutic communication, professional communication, team communication, stress management in communication, counseling.

BES152 Healthy Nutrition (2 credits) (*See General Education*)

BES205 The Principles of Food Preparation and Cooking (2 credits) The aim of this course is to define food groups and their main properties, nutrients found in these food groups, changes occurring during preparation and cooking in carbohydrates, protein, fats and vitamins, national and international terms used in food preparation and cooking, manners in serving and eating foods, dishes made by meat group, milk group, vegetables and fruits group, and cereals and their basic cooking principles.

NUT208 Introduction to Nutrition (English) (2 credits) The aim of this course is to introduce the course objectives and content, review an article selected from a journal on functions of main nutrients, review a chapter selected from the books on basic nutrition, watch videos prepared for healthy nutrition, review an article selected from a journal on antioxidants, review a chapter selected from the books on nutritional biochemistry, basic nutrition terms and their definitions, functions of nutrients, food groups and amounts to be consumed, basic principles of cooking and preparation of foods, basic knowledge about child nutrition, pregnant and lactating mothers.

BES307 Sports Nutrition (2 credits) The purpose of this course is to introduce to sports nutrition, energy calculating methods, energy requirements of athletes, energy systems, carbohydrates, proteins, fats, minerals and vitamins and their importance in sports nutrition, water, importance of water in life and sports nutrition, sports drinks, hormonal adaptations to exercise, sports nutrition tips in competition period, athletes weight problems and eating disorders, ergogenic aids and doping.

BES405 Drug-nutrient Interactions (2 credits) The aim of this course is to define pharmacology, basic concepts, biopharmaceutics, pharmacokinetics, pharmacodynamics, monitoring nutritional status in drug regimens, gastrointestinal disorders and drugs interactions, cardiovascular and renal disease drugs, antihypertensives and chemotherapeutic drugs, anticoagulants, hypoglycemic agents, digestive tract agents, obesity drugs and drugs and their interactions with ingested foods, specification of nutrition and drug regimens in older persons, carbohydrates, proteins, fats, vitamins and minerals and drug interactions, alcohol, tea-coffee and drug Interactions, herbal and dietary Supplements and drug interactions, dietary counseling to prevent food-drug interactions.

SBYO302 Biostatistics (2 credits) The purpose of this course is to define the statistics and biostatistics, the use of statistics in health sciences and studies on this issue, data collection, descriptive statistics, tables and graphs, probability and probability distributions, sampling, hypothesis tests, regression and correlation analysis.

BES310 Enteral and Parenteral Nutrition (3 credits) The aim of this course is to define the diseases and conditions requiring enteral and/or parenteral nutrition, products used for enteral and/or parenteral nutrition, principles and criterias to be taken into consideration when using these products, protocols of the enteral and parenteral units in the hospitals, enteral and parenteral unit personnel and the responsibilities of the dietitians working in the unit.

ENG213 Academic Listening and Speaking I (3 credits) *(See General Education)*

RUS111 Basic Russian I (3 Credits) *(See General Education)*

GER111 Basic German I (3 credits) *(See General Education)*

CHN111 Basic Chinese I (3 credits) *(See General Education)*

ARP111 Basic Arabic I (3credits) *(See General Education)*

RUS112 Basic Russian II (3 Credits) *(See General Education)*

GER112 Basic German II (3credits) *(See General Education)*

CHN112 Basic Chinese II (3 credits) *(See General Education)*

ARP112 Basic Arabic II (3credits) *(See General Education)*

Physiotherapy And Rehabilitation (Turkish)

About Program

The aim of the Physical Therapy and Rehabilitation Department is to provide students with a set of abilities that treats and remedies the functional condition safter every kind of disease that causes movement disabilities, injuries, senility and pain and functional disorders.

Objectives

Our aim is to educate qualified, knowledgeable physiotherapists servicing the country and its people.The total credits required for the satisfactory completion of the curriculum are 160 credits. The program additionally requires two internships each enduring 20 work days. The program also requires internship four days in a week in 7th and 8th Semester for lecture of Clinical Practice I, II.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
ATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
FİZ101	Fizik	Yes	Yes	2 + 0	2
FTR101	Anatomi I	Yes	Yes	3+2	4
TRD101	Türk Dili I	Yes	Yes	2 + 0	2
FTR103	Fizyoloji I	Yes	Yes	3 + 0	3
FTR109	Fizyoterapi Rehabilitasyon ve Etik Prensipler	Yes	Yes	2+0	2
	Seçmeli Yabancı Dil	No	Yes	2+2	3
	Seçmeli Üniversite/Bölüm/Yükseköğretim Dersi	No	Yes	2+0	2

[+] 1st Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG111	İngilizce I	No	Yes	2+2	3
ENG113	Akademik Okuma ve Yazma I	No	Yes	2+2	3
HEM107	Sağlıkta Kişiler Arası İlişkiler	No	Yes	2+0	2
Total					20

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FTR102	Anatomi II	Yes	Yes	3+2	4
FTR104	Fizyoloji II	Yes	Yes	3+0	3
FTR106	Isı, Işık, Hidroterapi	Yes	Yes	1+2	2
TRD102	Türk Dili II	Yes	Yes	2 + 0	2
FTR110	Psikososyal Rehabilitasyon	Yes	Yes	2+0	2
ATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
	Seçmeli Yabancı Dil	No	Yes	2+2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

KYP001	Kariyer ve Yaşam	Yes	Yes	0+2	1
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[+] 2nd Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG112	İngilizce II	No	Yes	2+2	3
ENG114	Akademik Okuma ve Yazma II	No	Yes	2+2	3

Total					19
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3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FTR201	Biyomekanik ve Kinezyoloji I	Yes	Yes	3+0	3
FTR203	Fizyoterapide Temel Ölçme ve Değerlendirme	Yes	Yes	2+2	3
FTR205	Elektroterapi I	Yes	Yes	2+2	3
FTR207	Manipulatif Tedavi Teknikleri I	Yes	Yes	2 + 2	3
FTR209	Fonksiyonel Nöroanatomi	Yes	Yes	2+0	2
FTR211	Nörofizyoloji	Yes	Yes	2+0	2
FTR213	Ortopedi	Yes	Yes	2+0	2
SBYO201	Patoloji	Yes	Yes	2+0	2
SBYO205	Genel Mikrobiyoloji	Yes	Yes	2+0	2
	Seçmeli Üniversite/Bölüm/Yükseköğül Dersi	No	Yes	2+0	2

[+] 3th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SAG201	Halk Sağlığı	No	Yes	3+0	3
SBYO203	Farmakoloji	No	Yes	3+0	3

Total					24
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4th SEMESTER COURSE PLAN

- *C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Code	Course Title	*C	**A	***L+P Hours	Credits
FTR202	Biyomekanik ve Kinzeyoloji II	Yes	Yes	3+0	3
FTR204	Tedavi Hareketleri Prensipleri	Yes	Yes	2+2	3
FTR206	Elektroterapi II	Yes	Yes	2+2	3
FTR208	Manipulatif Tedavi Teknikleri II	Yes	Yes	2 + 2	3
FTR210	Egzersiz Fizyolojisi	Yes	Yes	3+0	3
FTR212	Dahiliye ve Romatoloji	Yes	Yes	2+0	2
FTR214	Nöroloji ve Nörocerrahi	Yes	Yes	2+0	2
FTR216	Çocuk Sağlığı ve Hastalıkları	Yes	Yes	2+0	2
FTR218	Radyoloji	Yes	Yes	2+0	2
	Klinik Yaz Stajı 20 İş Günü				

[+] 4th Semester Elective Course List

Total	23
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5th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FTR305	Nörofizyolojik Yaklaşımlar I	Yes	Yes	2+2	3
FTR307	Pediyatrik Rehabilitasyon	Yes	Yes	2+2	3
FTR309	Sporda Fizyoterapi ve Değerlendirme	Yes	Yes	2+2	3
FTR311	Pulmoner Rehabilitasyon	Yes	Yes	2+0	2
FTR313	Ortopedik Rehabilitasyon	Yes	Yes	2+2	3
FTR321	Ortez ve Rehabilitasyonu	Yes	Yes	2+0	2
FTR317	İşitme ve Konuşma Bozuklukları ve Tedavisi	Yes	Yes	1+0	1
FTR319	Kadın Sağlığı ve Doğum	Yes	Yes	1+0	1
	Seçmeli Yabancı Dil/ Üniversite/Bölüm Dersi	No	Yes	2+2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 5th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG313	TOEFL IBT Ders I	No	Yes	2+2	3
RUS111	Temel Rusça I	No	Yes	2+2	3
GER111	Temel Almanca I	No	Yes	2+2	3
CHN111	Temel Çince I	No	Yes	2+2	3
ARP111	Temel Arapça I	No	Yes	2+2	3
FTR323	Ağrı ve Fizyoterapi	No	Yes	3+0	3

Total	21
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6th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FTR304	Nörofizyolojik Yaklaşımlar II	Yes	Yes	2+2	3
FTR306	Fizyoterapide Özel Konular	Yes	Yes	2+2	3
FTR308	Nörolojik Rehabilitasyon	Yes	Yes	2+2	3
FTR326	Protez ve Rehabilitasyon	Yes	Yes	2+0	2
FTR312	Kardiak Rehabilitasyon	Yes	Yes	2+0	2
FTR314	İş ve Uğraşı Tedavisi	Yes	Yes	1+2	2
	Seçmeli Üniversite/Bölüm/Yüksekokul Dersi	No	Yes	2+0	2
	Seçmeli Yabancı Dil/ Üniversite/Bölüm/Yüksekokul Dersi	No	Yes	2+2	3
	Klinik Yaz Stajı 20 İş Günü				

[+] 6th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
ENG314	TOEFL IBT Ders II	No	Yes	2+2	3
RUS112	Temel Rusça II	No	Yes	2+2	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

GER112	Temel Almanca II	No	Yes	2+2	3
CHN112	Temel Çince II	No	Yes	2+2	3
ARP112	Temel Arapça II	No	Yes	2+2	3
FTR320	Su İçi Egzersiz	No	Yes	3+0	3
SBYO302	Biyoistatistik	No	Yes	2+0	2

[+] 6th Semester Elective Course List

Total					20
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7th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FTR401	Klinik Uygulama I	Yes	Yes	0+18	9
FTR403	Klinik Problem Çözme I	Yes	Yes	2+0	2
FTR405	Rehabilitasyon Semineri I	Yes	Yes	2+0	2
FTR411	Endüstride Fizyoterapi ve Rehabilitasyon	Yes	Yes	1+0	1
SAG403	Epidemiyoloji	Yes	Yes	3+0	3

[+] 7th Semester Elective Course List

Total					17
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8th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
FTR402	Klinik Uygulama II	Yes	Yes	0+18	9
FTR404	Klinik Problem Çözme II	Yes	Yes	2+0	2
FTR406	Rehabilitasyon Semineri II	Yes	Yes	1+2	2
FTR408	Halk Sağlığında Fizyoterapi ve Rehabilitasyon	Yes	Yes	2+0	2
	Seçmeli Üniversite/Bölüm/Yüksekokul Dersi	No	Yes	0+2	1

[+] 8th Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
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*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

FTR409	Bitirme Projesi/Seminer	No	Yes	0+2	1
SAG408	Tıbbi Etik ve Hasta Hakları	No	Yes	3+0	3
SAG413	Sağlık Sigortacılığı	No	Yes	3+0	3
Total					16
Grand Total					160

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

FTR101 Anatomi I (Anatomy I) (4 Credits) The purpose of this course is describe anatomic terminology, normal anatomic positions, planes, axes, and general expressions are described. The topics of this course are the structures, names, localizations, and relationship of all bones, joints, ligaments, joint capsules and muscles, types, tissues, and functions of bones, anatomic structure of a typical bone, all bones in the body, and their localization according to areas, types of joints (fibrous, cartilaginous, and synovial), all joints in the body and the structures they contain, joint structure and localizations according to areas, the structure of the spine and Intervertebral discs, joint capsules and their properties, synovial membranes and synovial fluid, structure, types, and parts of muscles, (nomenclature and classification is according to localization and functions), all muscles in the body, their localization, shapes and points of adherence according to regions, origins and insertions, all fascias, all ligaments and their relations to muscles and bones, localizations and properties, all bursas, localizations and properties. *(This course is given in Turkish)*

FTR103 Fizyoloji I (Physiology I) (3 Credits) The purpose of this course is provide an introduction to physiology, Homeostasis, and the structure of the cell, the cell potential, skeletal muscle physiology, smooth muscle physiology, blood physiology, physiology of the heart muscle, coronary and peripheral circulation, peripheral nervous system, the sympathetic nervous system, the parasympathetic nervous system. *(This course is given in Turkish)*

FIZ101 Fizik (Physics) (2 Credits) The purpose of this course is to provide a thorough introduction to classical physics .Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

FTR109 Fizyoterapi Rehabilitasyon ve Etik Prensipler (Rehabilitation and Ethical Principles) (2 Credits) The purpose of this course is study the history of physiotherapy, physiotherapy and rehabilitation, physiotherapist, descriptions, duties and responsibilities of the physiotherapist, a multidisciplinary approach in the field of health care ethics, principles, medical staff-patient-caregiver relationship, patient rights, clinical ethics, research ethics. *(This course is given in Turkish)*

ATA101 Atatürk İlkeleri ve İnkılap Tarihi I (History of Turkish Revolution I) (2 Credits) *(See General Education)*

TRD101 Türk Dili I (Turkish Language I) (2 Credits) *(See General Education)*

FTR102 Anatomi II (Anatomy II) (4 Credits) The purpose of this course is review urogenital system, endocrine system, the nervous system (CNS gross anatomy, spinal cord, brain stem, the medulla oblongata, pons, mesencephalon, brain, cerebrum, diencephalon, cranial nerves, spinal nerves and their plexuses of the autonomic nervous system, the sympathetic system, the parasympathetic system, sensory organs and receptors in the skin), Smell bodies and roads, and paths Tad organ, organ of hearing and paths, reflex and reflex arc. *(This course is given in Turkish)*

FTR104 Fizyoloji II (Physiology II) (3 Credits) The purpose of this course is to study functions of the kidney, respiratory system, endocrine system, liver and functions, metabolism, gastrointestinal tract, skin physiology, the structure of the eye and visual pathways, Hearing physiology, physiology of smell. *(This course is given in Turkish)*

FTR106 Isı, Işık, Hidroterapi (Heat, Light and Hydrotherapy) (2 Credits) The purpose of this course is give an overview of heat and light, the physical characteristics and laws of electromagnetic radiation, tissue inflammation and repair, pain physiology, physiotherapy and rehabilitation practiced for superficial heat and cold modalities, mechanisms of action, indications, contra-indications, risks, maintenance, safety and hygienic conditions. Hydrotherapy and physical properties of water, principles and laws, physiotherapy and hydrotherapy techniques used in rehabilitation, effects, indications, contra-indications, risks, maintenance, safety and hygienic conditions, full and partial immersion baths, whirlpool / butterfly bath, pool therapy, water exercises for fluid-therapy, steam baths, showers and sprays, sauna treatment, spa, spas water features, spa applications, mud baths, tests used in variety of the heliotherapy and hydrotherapy will be reviewed. *(This course is given in Turkish)*

FTR110 Psikososyal Rehabilitasyon (Psychosocial Rehabilitation) (2 Credits) The purpose of this course is to introduce to psychosocial rehabilitation, accidents, stress, post traumatic stress syndrome, depression, sight problems, hearing disabilities, physical disabilities, chronic diseases, chronic pain, psychosocial rehabilitation, stroke and spinal cord injuries, geriatric - psychosocial rehabilitation, cognitive and behavioural therapy topics are included in this course. *(This course is given in Turkish)*

TRD112 Türk Dili II (Turkish Language II) (2 Credits) *(See General Education)*

ATA102 Atatürk İlkeleri ve İnkılap Tarihi II (History of Turkish Revolution II) (2 Credits) *(See General Education)*

KYP001 Kariyer ve Yaşam (Career And Life Planning) (1 Credits) The purpose of this course is to provide an overview of career development theories and decision-making skills for career/life planning. It focuses on self-assessment, choosing a major, exploring career options and developing an action plan to help achieve career goals. The course engages students in the use of critical thinking skills in evaluating their interests, values, skills, and personality in order to understand how personal characteristics influence career choices. *(This course is given in Turkish)*

FTR201 Biyomekanik ve Kinezyoloji I (Biomechanics And Kinesiology I) (3 Credits)The purpose of this course; to identify movement and mechanical principles, describe the mechanical and pathomechanic properties of bone, muscle, collagen and cartilage tissue, evaluate the mechanical properties of the joints of the body equilibrium, orientation planes and coordinates, explain the normal and pathological gait. *(This course is given in Turkish)*

FTR203 Fizyoterapide Temel Ölçme ve Değerlendirme (Basic Measurement and Assessment in Physiotherapy) (3 Credits)The purpose of this course is; to describe muscle strength, anthropometrics measurement, manuel muscle tests, explain the posture analysis, describe the shortness and flexibility tests. *(This course is given in Turkish)*

FTR205 Elektroterapi I (Electrotherapy I) (3 Credits) The purpose of this course is review obtaining a flat galvanic current, iontophoresis, medical and surgical galvanic current, modified, galvanic current, Electrodiagnostic, low-frequency currents, diadynamic currents, interferential current,

electrical shock, functional electrical stimulation, ultra-Reiz and Russian currents. *(This course is given in Turkish)*

FTR207 Manipulatif Tedavi Teknikleri I (Manipulative Treatment Techniques I) (3 Credits)The purpose of this course; review basic theoretical and practical knowledge of massage techniques. Moreover, this Lecture aims to give the basic concepts of evaluation and application of different situations in which the massage can be used to improve ability to apply and to develop problem-solving skills in these issues in the field of physiotherapy and rehabilitation. *(This course is given in Turkish)*

FTR209 Fonksiyonel Nöroanatomi (Functional Neuroanatomy) (2 Credits) The purpose of this course is to study CNS entry m.spinalis's gross anatomy, m.spinalis' s internal structure of the descending pathways, resulting roads, sisnir site in peripheral pathologies, M. Oblongata and the internal structure of gross anatomy, gross anatomy and the internal structure of Pons, Mesencephalon, Cerebellum, Diencephalon, basal ganglia, cerebral cortex, cranial nerves, CNS, blood circulation, dice, hemispheres, cerebrospinal fluid (CSF) *(This course is given in Turkish)*

FTR211 Nörofizyoloji (Neurophysiology) (2 Credits) The purpose of this course is to introduce neurophysiology, M.S.S. organization, sleep physiology, cerebrospinal fluid, blood-brain barrier, thalamus, hypothalamus, reticular formation, basal ganglia, cerebellum, sensory processing, motor cortex, which control voluntary movement, speech, learning, memory, pain. *(This course is given in Turkish)*

FTR213 Ortopedi (Ortopedics) (2 Credits) The purpose of this course is review fractures, dislocations and orthopedic treatments, endoprotheses, bone tumors, congenital anomalies of the upper and lower limbs, polio, cerebral palsy, sports injuries, amputations, scoliosis, hand injuries, osteomyelitis, and inflammatory arthropathies, compartment syndrome and ischemic contracture Wolkman. *(This course is given in Turkish)*

FTR202 Biyomekanik ve Kinezyoloji I (Biomechanics and Kinesiology II) (3 Credits)The purpose of this course; to describe the basic knowledge on mechanics/pathomechanics of columna vertebralis, pelvis, hip, knee, ankle joint/foot and shoulder-arm komplex, elbow and wrist. Assess the patiens for the pathological conditions of lower and upper limbs and spine.

FTR204 Tedavi Hareketleri Prensipleri (Principles of Treatment Movement) (3 Credits)The purpose of this course is to: identify assessment and improving programmes, purposes, effects and principles of exercise treatment, classify the types of exercise, explain planning and application of exercises programmes. At the end of the course, students will have all the information about planning exercise programmes with or without postural problems. *(This course is given in Turkish)*

FTR206 Elektroterapi II (Electrotheraphy II) (3 Credits) The purpose of this course is to introduce electrotherapy, electrophysiology, low-frequency flow characteristics and principles, Galvani current,medical and surgical galvanism, iontophoresis, modified Galvani current (dashed-surged), electrodiagnosis, faradic current, sinusoidal current, diadinamic, mid-frequency - interferential current, functional electrical stimulation, russian currents, transcutaneal electrical nerve stimulation, high voltage galvanic stimulation, mikrocurrent and their mechanisms of action, indications, contraindications, hazards, maintenance, safety and hygienic conditions. *(This course is given in Turkish)*

FTR208 Manipulatif Tedavi Teknikleri II (Manipulative Treatment Techniques II) (3 Credits) The purpose of this course; to introduce the conditions which produce pain, inflammation and limited motion in joints and soft tissue structures; to provide acknowledgement of basic evaluation methods; to acquired skill of basic mobilization and manipulation application techniques for the treatment of these conditions. *(This course is given in Turkish)*

FTR210 Egzersiz Fizyolojisi (Exercise Physiology) (3 Credits) The purpose of this course is review cardiovascular system and exercise, cardiovascular regulation, evaluation of the functional capacity, the energy capacity measurements, aerobic and anaerobic education, pulmonary system, respiratory control, muscle-skeletal system and exercise, thermoregulation and exercise, diving and high altitude physiology. *(This course is given in Turkish)*

FTR212 Dahiliye ve Romatoloji (Internal Medicine and Rheumatology) (2 Credits) The purpose of this course is to study osteoarthritis, rheumatoid arthritis, gout and other crystal arthropathies, juvenile rheumatoid arthritis, acute rheumatic fever, seronegative spondylarthropathic, soft tissue rheumatism, collagen tissue diseases, infectious arthritis, respiratory and circulatory system, hematological, nephrological-endocrine, gastroenterologic system diseases. *(This course is given in Turkish)*

FTR216 Çocuk Sağlığı ve Hastalıkları (Child Health and Diseases) (2 Credits) The purpose of this course is review somatic and neurological development of the child, child immunisation program and commonly seen viral and bacteriologic infections, approaches to growth impaired children, childbirth traumas, birth anomalies, premature babies and their problems, pediatric metabolic and systemic diseases, nutritional problems in children, asthma and allergy in children, child tuberculosis and cystic fibrosis, acute and chronic leukemia in children, handling children prone to bleeding. *(This course is given in Turkish)*

FTR218 Radyoloji (Radiology) (2 Credits) The purpose of this course is review basic methods and principles of radiological imaging, normal and pathologically impaired skeleton radiographies, thorax radiographies, radiological findings in soft tissues and in inflammations, radiological appearance in scoliosis, scoliosis angle evaluation. *(This course is given in Turkish)*

FTR305 Nörofizyolojik Yaklaşımlar I (Neurophysiologic Approaches I) (3 Credits) The purpose of this course is review basic neurophysiological approaches, neurophysiological principles of Bobath, Brunnstrom, Johnstone, and Todd-Davies methods, differences and application techniques, theoretical foundations of proprioceptive neuromuscular facilitation techniques, applications, methods, causes of hemiplegia, basic operations in proprioceptive neuromuscular facilitation, the upper and lower extremity patterns, neck and upper body patterns, lower body patterns, bilaterally symmetrical, asymmetrical and reciprocal patterns, repeated contractions, the rhythmic initiation, muscle relaxation, hold and relax techniques, approaches aiming relaxation, PNF and the proximal vital functions, mat activities, turning, crawling, activities including walking and stairs. *(This course is given in Turkish)*

FTR307 Pediatrik Rehabilitasyon (Pediatric Rehabilitation) (3 Credits) The purpose of this course is review delivery related or post-natal neurological disorders affecting motor development of children, child-adapted evaluation methods for physiotherapy rehabilitation, assessment of various developmental disorders in children, physiotherapeutic and rehabilitational methods in cerebral palsy, mental and motor retardation and birth related brachial plexus injuries. *(This course is given in Turkish)*

FTR309 Sporda Fizyoterapi ve Değerlendirme (Physiotherapy and Assessment at Sports) (3 Credits) The purpose of this course is review the effects of exercise on body systems, different sexes

and age groups, games, assessment, and physical performance tests, physical fitness tests, sports nutrition, sports psychology, fitness approaches and practices for disabled people. Prevention of sports injuries, first aid, treatment and rehabilitation principles, soft tissue injuries, including banding techniques are the topics of this course. *(This course is given in Turkish)*

FTR311 Pulmoner Rehabilitasyon (Pulmonary Rehabilitation) (2 Credits) The purpose of this course is study definition of pulmonary rehabilitation, principles, aims of chest physiotherapy, application techniques, evaluation of pulmonary diseases in terms of physiotherapy-rehabilitation, planning treatment program, the objectives of rehabilitation and implementation methods before and after pulmonary surgery physiotherapy-rehabilitation approaches in intensive care, postural drainage, respiratory monitoring, neonatal pulmonary rehabilitation approaches, respiratory diseases, pathophysiology, breathing exercises, whooping cough, dyspnea positions, postural drainage, percussion, shaking, vibration, breathing aids, oxygen therapy, aspiration, daily life activities in pulmonary disease. *(This course is given in Turkish)*

FTR313 Ortopedik Rehabilitasyon (Ortopedic Rehabilitation) (3 Credits) The purpose of this course is review the musculoskeletal system, traumatic, infectious and degenerative pathologies, collagen tissue diseases, orthopedic and reconstructive surgery physiotherapy rehabilitation approaches, bandage application techniques. *(This course is given in Turkish)*

FTR321 Ortez ve Rehabilitasyonu (Orthosis and Rehabilitation) (2 Credits) The purpose of this course is to study biomechanical principles of orthotics, assessments before and after orthotic applications, upper and lower extremities, orthotic applications for the segments of columna vertebralis, orthotic applications in musculo-skeletal and nervous systems, control of orthotic aids, rehabilitation. *(This course is given in Turkish)*

FTR317 İşitme ve Konuşma Bozuklukları ve Tedavisi (Hearing and Speech Rehabilitation and Treatment) (1 Credit) The purpose of this course is to identify of the anatomical properties of the hearing and speaking systems, pathological conditions and their causes, principles of speech training and exercises. *(This course is given in Turkish)*

FTR319 Kadın Sağlığı ve Doğum (Women's Health and Birth) (1 Credit) The purpose of this study is review family planning, menstrual cyclus, pregnancy, delivery and birth, menopause. Description, basic treatment and effects of some frequently encountered gynecological diseases and general woman health. *(This course is given in Turkish)*

FTR304 Nörofizyolojik Yaklaşımlar II (Neurophysiologic Approaches II) (3 Credits) The purpose of this course is provide students to express the clinical features and reasons of movement and function impairments after stroke, provide the understanding and practicing of the basic features related to neurophysiological approaches, measurements and assessments in stroke rehabilitation and develop the problem solving mechanism in the physiotherapy and rehabilitation after stroke. *(This course is given in Turkish)*

FTR306 Fizyoterapide Özel Konular (Special Issues in Physiotherapy) (3 Credits) The purpose of this course is to discuss peripheral nerve injuries, burn rehabilitation, facial paralysis, skin diseases, cancers, headaches, gynecological diseases and rehabilitation, prenatal, natal and postnatal physiotherapy techniques. *(This course is given in Turkish)*

FTR308 Nörolojik Rehabilitasyon (Neurological Rehabilitation) (3 Credits) The purpose of this course is to review general clinical characteristics of neurological diseases. Moreover, the lecturer aims to comprehend the basic and neurophysiologic based assessments in evaluation of neurologic cases. During the lectures, students will be able to describe the effects of neurologic impairment on function, activity and participation and planning the treatment program for the neurological diseases. At the end of the term, students will be able to plan and apply the neurophysiologic based treatment program. *(This course is given in Turkish)*

FTR326 Protez ve Rehabilitasyon (Prosthesis and Rehabilitation) (2 Credits) This course aims to enable the student to gain the basic principles, types of prosthetics for upper and lower extremities, select the prosthetic parts appropriate for different levels of amputations, the rehabilitation of amputees, activities of daily living (ADL). *(This course is given in Turkish)*

FTR312 Kardiyak Rehabilitasyon (Cardiac Rehabilitation) (2 Credits) The purpose of this course is to introduce cardiological rehabilitation, anatomy and physiology of the cardiovascular system, EKG and evaluation of cardiac function, coronary artery disease, clinical and EKG findings for acute myocardial infarction, six-step early mobilisation and rehabilitation program, home exercise programs, exercise tests, exercise training, risk factors and training, cardiac rehabilitation programs for various diseases, physiotherapy and rehabilitation in cardiac surgery. *(This course is given in Turkish)*

FTR314 İş ve Uğraşı Tedavisi (Occupational Therapy) (2 Credits) The purpose of this course; to provide general information about the role of occupational therapy at team working in rehabilitation, and basic occupational therapy assessment with occupational performance evaluation methods, to develop appropriate occupational therapy approaches to provide basic information and application examples. *(This course is given in Turkish)*

FTR401 Klinik Uygulama I (Clinical Practice I) (9 Credits) The purpose of this course is review of special evaluation and treatment approaches of physiotherapy and rehabilitation and applied hand-on clinical practice in various fields (physical therapy and rehabilitation, orthobedy, neurology-neurosurgery, pediatric neurology, thorax surgery, cardiology and cardiovascular surgery, reanimation therapy, rheumatology, hand surgery, sports health). *(This course is given in Turkish)*

FTR403 Klinik Problem Çözme I (Clinical Problem Solving I) (2 Credits) The purpose of this course is to discuss the decision making process for adopting adequate evaluation and therapy methods. Students will discuss interactively the test and evaluation methods, physiotherapy and rehabilitation program planning techniques, the assessment of various solution proposals for various cases with differing clinical diagnosis. Relevant literature search will be performed and case-oriented problem solving proposals will be developed. *(This course is given in Turkish)*

FTR405 Rehabilitasyon Semineri I (Rehabilitation Seminar I) (2 Credits) The purpose of this course is provide students preparation of a presentation on a current physiotherapy and rehabilitation topic by researching recent relevant literature. Students are required to present their findings to the class and academic staff using efficient presentation techniques. *(This course is given in Turkish)*

FTR411 Endüstride Fizyoterapi ve Rehabilitasyon (Physiotherapy and Rehabilitation in Industry) (1 Credits) The purpose of this course is to; identify vocational rehabilitation assessment and training, describe ,ergonomics, work analysis. Evaluate work capacity, explain Industry approaches to injury prevention, workplace arrangements for the disabled, environmental, architectural barriers and adjustments. *(This course is given in Turkish)*

SAG403 Epidemiyoloji (Epidemiology) (3 Credits) The purpose of this course is to introduce epidemiology for students majoring in any aspect of public health; covers the principles and methods of epidemiologic investigation including describing the patterns of illness in populations and research designs for investigating the etiology of disease. Introduces quantitative measures to determine risk, association and procedures for standardization of rates. *(This course is given in Turkish)*

FTR402 Klinik Uygulama II (Clinical Practice II) (9 Credits) The purpose of this course is review of special evaluation and treatment approaches of physiotherapy and rehabilitation and applied hand-on clinical practice in various fields (physical therapy and rehabilitation, orthobedy, neurology-neurosurgery, pediatric neurology, thorax surgery, cardiology and cardiovascular surgery, reanimation therapy, rheumatology, hand surgery, sports health). *(This course is given in Turkish)*

FTR404 Klinik Problem Çözme II (Clinical Problem Solving II) (2 Credits) The purpose of this course is to discuss the decision making process for adopting adequate evaluation and therapy methods. Students will discuss interactively the test and evaluation methods, physiotherapy and rehabilitation program planning techniques, the assessment of various solution proposals for various cases with differing clinical diagnosis. Relevant literature search will be performed and case-oriented problem solving proposals will be developed.

FTR406 Rehabilitasyon Semineri II (Rehabilitation Seminar II) (2 Credits) The purpose of this course is provide students preparation of a presentation on a current physiotherapy and rehabilitation topic by researching recent relevant literature. Students are required to present their findings to the class and academic staff using efficient presentation techniques. *(This course is given in Turkish)*

FTR408 Halk Sağlığında Fizyoterapi ve Rehabilitasyon (Physiotherapy and Rehabilitation at Community Health) (2 Credits) The purpose of this course is describe of public rehabilitation, basic principles and methods, examination of various public rehabilitation models being applied. *(This course is given in Turkish)*

ENG111 İngilizce I (English I) (3 Credits) *(See General Education)*

ENG113 Akademik Okuma ve Yazma I (Academic Reading and Writing I) (3 Credits) *(See General Education)*

HEM107 Sağlıkta Kişiler Arası İlişkiler (Interpersonal Relations in Health) (2 Credits) The purpose of this course is to provide communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

ENG112 İngilizce II (English II) (3 Credits) *(See General Education)*

ENG114 Akademik Okuma ve Yazma II (Academic Reading and Writing II) (3 Credits) *(See General Education)*

SAG201 Halk Sađlıđı (Public Health) (3 Credits) The purpose of this course is review concepts of health and public health, first aid, principles of injection, infectious diseases, geriatric physical therapy and rehabilitation programs. *(This course is given in Turkish)*

SBYO203 Farmakoloji (Pharmacology) (3 Credits) The aim of this course; this Lecture provides general information about the basic concepts of the interactions between the drugs and living organisms and to teach the students about the minimum pharmacological approach about the drugs used in maintenance of health and the treatment of diseases. Moreover, this lecture aims to evaluate the major drug classifications, through the use of prototypes and teach the necessary the drugs for human systems and diseases. *(This course is given in Turkish)*

RUS111 Temel Rusça I (Basic Russian I) (3 Credits) *(See General Education)*

GER111 Temel Almanca (Basic German I) (3 Credits) *(See General Education)*

CHN111 Temel Çince I (Basic Chinese I) (3 Credits) *(See General Education)*

ARP111 Temel Arapça I (Basic Arabic I) (3 Credits) *(See General Education)*

FTR323 Ağrı ve Fizyoterapi (The Pain and Physiotherapy) (3 Credits) The purpose of this course is describe pain, pain pathways, modulation mechanisms, responds, control of pain, character of pain. *(This course is given in Turkish)*

RUS112 Temel Rusça II (Basic Russian II) (3 Credits) *(See General Education)*

GER112 Temel Almanca II (Basic German II) (3 Credits) *(See General Education)*

CHN112 Temel Çince II (Basic Chinese II) (3 Credits) *(See General Education)*

ARB112 Temel Arapça II (Basic Arabic II) (3 Credits) *(See General Education)*

FTR320 Su İçi Egzersiz (Exercise in the Water) (3 Credits) The purpose of this study is to equip students with the knowledge and skills to enable them to provide an aquatic physiotherapy. *(This course is given in Turkish)*

FTR409 Bitirme Projesi/Seminer (Senior Project / Seminar) (1 Credit) The purpose of this course is provide preparation of a presentation on a current physiotherapy and rehabilitation topic by researching recent relevant literature. Students are required to present their findings to the class and academic staff using efficient presentation techniques. *(This course is given in Turkish)*

SAG408 Tıbbi Etik ve Hasta Hakları (Medical Ethics and Patient Rights) (3 Credits) The purpose of this course is to examine the moral problems that arise in the practice of medicine. Covers theories about what is good and what is right as related to bioethical and socio-ethical issues and review patient rights. *(This course is given in Turkish)*

SAG413 Sađlık Sigortacılıđı (Health Insurance) The purpose of this course is to provide knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

ASSOCIATE DEGREE PROGRAMS

VOCATIONAL SCHOOL OF HEALTH SCIENCES

Anesthesia (Turkish)

About Program

The duties of anesthesiatechnicians are to assist the authorized anesthesiologist with anesthesia therapies in health sector, to take part in preparing the patient and to be the nearest person for the patient which means to be available in the operating room during the therapy. Anesthesia program graduates are aimed to be educated to know of the patient, the illness, the necessary drugs and the conditions very well. Our graduates that take place in the anesthesia team are all assistant health personnel. Our educational program aims to provide the students with all necessary knowledge and skills in this area. It is significant to train technicians who are able to prepare the patient before the operation, assist the anesthesiologist during the operation, to check and supervise the patient after the operation. In addition to advanced anesthesia devices and various anesthesia technics, the students learn aboutsterilization and emergency patient care in the program.

Goals

After completing the program's professional practice and the internship, students graduate assuming the title of anesthesia technician. Most of the existing anesthesia technicians have started to work in the vacant positions of The Ministry of Health in recent years. Apart from public institutes, private hospitals, polyclinics, laboratories, medical centers, dispensaries, community health centers, public health centers, family practice centers are other significant areas of employment for the program graduates.

Objectives

In the first semester of the program students take main theoretical courses such as physiology, anesthesiology I, sterilization principles and methods. In the remaining three semesters, other courses such as anesthesia device and equipment, infectious diseases, pathology, special anesthesia technics are present. In addition, in the second year together with applied anesthesia and reanimation courses, the internship is enabled. In tone his context, innovations and developments in the national and international fields are examined and the basic knowledge that students have gained is supported through examples. Along with the theoretical courses in this field, hands-on training emphasized and students are encouraged for the internships.

The total credits required for the satisfactory completion of the curriculum are 77 credits. The program additionally requires one internships enduring 40 work days.

CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
SHT101	Anatomi	Yes	Yes	3+0	3
SHT102	Fizyoloji	Yes	Yes	3 + 0	3
AML105	Cerrahi Hastalıklar ve İşlemler	Yes	Yes	3 + 0	3
ANZ103	Temel Anestezi I	Yes	Yes	3 + 0	3
SHT111	Biyokimya	Yes	Yes	3 + 0	3
SGSA101	Güzel Sanatlar (Alan Seçmeli)	Yes	Yes	3 + 0	3
Total :					22

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
SHT116	Enfeksiyon Kontrol ve Sterilizasyon Esasları	Yes	Yes	3+0	3
ANZ 106	Temel Anestezi II	Yes	Yes	3 + 0	3
ANZ104	Klinik Eğitim ve Uygulama I	Yes	Yes	1 + 8	5
SHT110	Farmakoloji	Yes	Yes	3 + 0	3
SHT106	Biyomedikal Teknoloji	Yes	Yes	3 + 0	3
Total :					21

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
ANZ201	Klinik Eğitim ve Uygulama II	Yes	Yes	1 + 8	5

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SHT115	Mikrobiyoloji	Yes	Yes	3 + 0	3
SHS251	Seçmeli Ders I	Yes	Yes	3 + 0	3
ANZ213	Klinik Anestezi ve Yoğun Bakım I	Yes	Yes	3 + 0	3
AML203	Enfeksiyon Hastalıkları	Yes	Yes	3 + 0	3
Total :					20

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY204	EKG Analizi	Yes	Yes	1 + 2	2
SHT208	MezuniyetProjesi	Yes	Yes	0 + 2	1
SYAD202	Yabancı Dil II	Yes	Yes	3 + 0	3
ANZ203	Post Operatif Bakım	Yes	Yes	1 + 2	2
IAY210	Ameliyathane Dışı Uygulamalar ve Ambulans Servis Eğitimi	Yes	Yes	2 + 0	2
ANZ216	Klinik Anestezi ve Yoğun Bakım II	Yes	Yes	3 + 0	3
SHT112	Temel İlk Yardım	Yes	Yes	1 + 0	1
Total					14

[+] 4. Semester Elective Course List²⁶⁴

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3
SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3
CGL108	Eğitim Becerileri	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

TBD102	Etkili ve Güzel Konuşma Becerileri	No	Yes	3 + 0	3
SKI206	Girişimcilik	No	Yes	3 + 0	3
SHT201	Halk Sağlığı	No	Yes	3 + 0	3
SKI208	Hastane Bilgi İşlem Sistemleri	No	Yes	3 + 0	3
IAY207	İleri Sürüş Teknikleri	No	Yes	3 + 0	3
SHS259	İş Sağlığı ve Güvenliği	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3
SISL102	Temel İşletme	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
TBD106	Kişilerarası İlişkiler	No	Yes	3 + 0	3
SHT212	Temel İngilizce I	No	Yes	3 + 0	3
SHT213	Temel İngilizce II	No	Yes	3 + 0	3
SHS260	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
SHT122	Sağlık Eğitimi	No	Yes	3 + 0	3
SKI207	Sağlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Sağlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3
SHT206	Sağlık Hukuku ve Mevzuatı	No	Yes	3 + 0	3
SKI205	Sağlık İletişimi	No	Yes	3 + 0	3
SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	3
SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SHT108	Hastalıklar Bilgisi	No	Yes	3 + 0	3
SKI110	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3
SHS261	Sosyal Hizmetler	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SKI208	Müşteri İlişkileri Yönetimi	No	Yes	3 + 0	3
SKI101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
SMAT101	Matematik	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3

SGSA103	Tıp Fotoğrafçılığı (GÜZEL SANATLAR (Alan Seçmeli))	Yes	Yes	3 + 0	3
SGSA105	Tıp Ressamlığı (GÜZEL SANATLAR (Alan Seçmeli))	Yes	Yes	3 + 0	3
SGSA107	Sağlık ve Tiyatro (GÜZEL SANATLAR (Alan Seçmeli))	Yes	Yes	3 + 0	3
SGSA109	Sağlık Kültürü (GÜZEL SANATLAR (Alan Seçmeli))	Yes	Yes	3 + 0	3
SGSA111	Sağlık ve Sanat	Yes	Yes	3 + 0	3
SGSA113	Sağlık ve Mimarlık	Yes	Yes	3 + 0	3
SGSA115	Sağlık ve Sinema	Yes	Yes	3 + 0	3
Grand Total					77

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I (Principles of Atatürk & History of Turkish Revolution I) (2 Credits) *(See General Education)*

STRD111 Türk Dili I (Turkish Language I) (2 Credits) *(See General Education)*

SHT101 Anatomi (Anatomy) (3 Credits) The purpose of this course is to designed to presents a systemic approach to the study of the human body. Lecture presentation begins with an introduction of anatomical terminology and an overview of cellular processes and tissue classification. Students then learn the gross and microscopic anatomy of the following systems: integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, and reproductive.

The laboratory component of the course generally parallels and reinforces lecture concepts through the use of models, histological slides, skeletal and the other anatomical materials. Students also attend two 2-hour labs per week. *(This course is given in Turkish)*

SHT102 Fizioloji (Physiology) (3 Credits) The purpose of this course is designed to presents a comprehensive study of the basic anatomy and physiology of the human body. This course also designed to be understood the complexities of the cells, tissues, and major organs and systems of the human body. Topics include body organization; homeostasis; basic histology; and skeletal, muscular, joint, cardiovascular, blood, immune, respiratory, endocrine, excretory, reproductive, nervous, sensory, digestive systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of basic anatomy and main physiology and their interrelationships. *(This course is given in Turkish)*

AML105 Cerrahi Hastalıklar ve İşlemler (Surgical Diseases and Surgical Interventions)(3 Credits) The purpose of this course is to provide general information about the surgical diseases and their treatment. General information about the operating room, formation, functionality, communication and cooperation of several teams of the pre-op, operation and post-op sequences, basic knowledge about asepsia, antisepsia, disinfection and sterilization and fundamental practices of patient care are included in the lectures. *(This course is given in Turkish)*

ANZ103 Temel Anestezi I (Basic Anesthesia I) (3 Credits) The purpose of this course is designed to providing a broad orientation to the basic principles of anesthesia practice and the perioperative setting. Topics include: preparation of the anesthetizing environment, patient assessment and physiologic monitoring; anesthetic techniques, interventions and associated equipmen; pharmacologic agents; anesthesia care plan and evaluation. *(This course is given in Turkish)*

SHT11 Biyokimya (Biochemistry) (3 Credits) The purpose of this course is to general information about biochemistry and the concept of learning and teaching of chemical structure and properties of biological molecules in living organisms, in addition to learn metabolism, anabolism and catabolism of biochemical reactions. Moreover, this Lesson aims to evaluate the main effective about the human body and animals. During the lectures, students will be taking on have the skills concepts of basic biochemistry, learn about the properties of water and aqueous solutions, chemical structure, properties and metabolism of biological molecules. Finally, students are expected to attend biochemical reactions anabolism and catabolism examination and understanding of the importance to terms of living. *(This course is given in Turkish)*

SATA102 Atatürk İlkeleri ve İnkılap Tarihi II (Principles of Atatürk & History of Turkish Revolution II) (3 Credits) (*See General Education*)

STRD102 Türk Dili II (Turkish Language II) (2 Credits) (*See General Education*)

ANZ106 Temel Anestezi II (Basic Anesthesia II) (3 Credits) The purpose of this course is to provide general information about the fundamental principles of providing anesthesia and describing the necessary properties for implementing systemic anesthesia. Drugs which are used for systemic anesthesia and application principles are explained. (*This course is given in Turkish*) (*Pre Requisite : ANZ 103 minimum DD*)

SHT106 Biyomedikal Teknoloji (Biomedical Technology) (3 Credits) The purpose of this course is to provide general information about the basic concepts of the design and operational principles of several equipments which are used in the operating room. Also topics about reliability, safety, maintenance and redundancy of the medical equipment are covered. (*This course is given in Turkish*)

SHT116 Enfeksiyon Kontrol ve Sterilizasyon Esasları (Infection Control and Principles of Sterilization) (3 Credits) The purpose of this course is to provide information about the sterilization method to promote infection control and to prevent hospital infections. Topics include: operating room, intensive care, intensive care units, the infection, hospital infections, sterilization methods. (*This course is given in Turkish*)

SHT110 Farmakoloji (Pharmacology) (3 Credits) The purpose of this course is to provide general information about the basic concepts of the interactions between the drugs and living organisms and to teach the students about the minimum pharmacological approach about the drugs used in maintenance of health and the treatment of diseases. Moreover, this lecture aims to evaluate the major drug classifications, through the use of prototypes and teach the necessary the drugs for human systems and diseases. (*This course is given in Turkish*)

ANZ201 Klinik Eğitim ve Uygulama II (Clinical Education and Practices) (5 Credits) The purpose of this course is to provide information and practice about general anaesthesia and guide in applying the knowledge acquired during the classes to the practices in the operating room. (*This course is given in Turkish*)

SHT115 Mikrobiyoloji (Microbiology) (3 Credits) The purpose of this course is to convey general concepts, methods, and applications of microbiology for health sciences. The role of microorganisms in the human disease is discussed. Topics include: immunology, bacteriology, virology, and mycology; the morphology, biochemistry, and physiology of microorganisms including bacteria, viruses, and fungi; the elementary knowledge about diseases caused by these microorganisms and their treatments, and the immunologic, pathologic, and epidemiological factors associated with diseases. (*This course is given in Turkish*)

ANZ213 Klinik Anestezi ve Yoğun Bakım I (Clinical Anesthesia and Intensive Care I) (3 Credits) The purpose of this course is to provide general information about the fundamental principles of providing anesthesia and describing the necessary properties for implementing systemic anesthesia. Patient care in the intensive care units and basic and advanced life support practices are included in the lectures. (*This course is given in Turkish*)

ANZ203 Post Operatif Bakım (Postoperative Care) (2 Credits) The purpose of this course is to convey general concepts, methods, and procedures of providing post operative care. Also, different approaches according to the type and location of the operation are covered within the lectures. *(This course is given in Turkish)*

AML203 Enfeksiyon Hastalıkları (Infection Disease) (3 Credits) The purpose of this course is to provide the opportunity to learn about infectious diseases, gain knowledge and skills for the control of infectious diseases. Course will describe illness in the community, leading to disability or death, caused by outbreaks of diseases. Main topics: the importance of infectious diseases, basic concepts of infection diseases, prevention of infection diseases, hospital infection, disinfection/sterilization, asepsis, antisepsis, infection transmitted by respiratory, infection spread via digestive, food toxication *(This course is given in Turkish)*

IAY204 EKG Analizi (ECG Analysis) (2 credits) The purpose of this course is to teach the basic knowledge to interpret common cardiac arrhythmias, including sinus, atrial, junctional, and ventricular dysrhythmias. This course also designed to develop skills in reading and analyzing electrocardiogram (ECG) tracings. *(This course is given in Turkish)*

SYAD202 Yabancı Dil II (Foreign Language II) (3 Credits) The course aims to introduce and enable the students to practice different types of Syllabus design methods analyze learners' needs and roles etc.

IAY210 Ameliyathane Dışı Uygulamalar ve Ambulans Servis Eğitimi (Anesthesia Application Outside the Operating Room and Ambulance Service Training) (2 Credits) The purpose of this course is to teach the scientific background and the principles of helping / supporting the application of anesthesia outside the operating room. *(This course is given in Turkish)*

ANZ216 Klinik Anestezi ve Yoğun Bakım II (Clinical Anesthesia and Intensive Care II) (3 credits) The purpose of this course is to provide general information about the fundamental principles of providing anesthesia and describing the necessary properties for implementing systemic anesthesia. Patient care in the intensive care units and basic and advanced life support practices are included in the lectures. *(This course is given in Turkish) (Pre Requisite : ANZ 213 min DD)*

SHT112 Temel İlk Yardım (Basic First Aid) (1 Credit) The purpose of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish)*

SHT208 Mezuniyet Projesi (Graduation Project) (1 Credits) The Senior Project is intended to be a capstone experience that draws on the previous three years of course work. The Senior Project should therefore be sufficient in scope and technical content in order to expose students' technical competence developed during their education at Okan University. *(This course is given in Turkish)*

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) The aim of this course is to provide general knowledge that related architecture as a subtype of fine arts. It also aims to help students to criticize their environment from the aspect of different architectural concepts. *(This course is given in Turkish)*

SYAD101 Yabancı Dil I (Foreign Language I) (3 Credits) The purpose of this course is learning to use the subjects which are below four talent(writing, speaking, reading and perceptipon)

IAY109 Afet Bilgisi (Disaster Knowledge) (3 credits) This course aims to teach a supportive planning procedure in natural disaster process from the aspect of negative effects as physical, economic, social psychological. It also aims to provide general information about constructing a defence mechanism and coping methods in this period by using local sources and human supports. *(This course is given in Turkish)*

SHT203 Araştırma Yöntem ve Teknikleri (Research Techniques and Methods) (3 credits) The purpose of this course is to provide general knowledge about research techniques for conducting proper research. Moreover, this course also aims to demonstrate two basic types of researches as qualitative and quantitative research methods. At the end of this course students are expected to conduct experimental work by using both these theories. *(This course is given in Turkish)*

DYZ104 Beslenme İlkeleri (Nutrition Principles)(3 Credits) The purpose of this course is to provide Basci information about nutrition. *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojileri (Information and Communication Technology) (3 Credits)The purpose of this course is to comprehend the importance of basic information technology. Computer hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. *(This course is given in Turkish)*

BLG101 Bilgisayara Giriş (Basic Computer Skills) (3 Credits) The purpose of this course is to this lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SHT104 Biyoistatistik (Biostatistics) (3 Credits) The purpose of this course to teach statistics course we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

SHS258 Çevre ve Sosyal Sorumluluk (Environmental & Social Responsibility)(3 Credits) The purpose of this course to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environmental Health) (3 Credits) The purpose of this course to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

CGL108 Eğitim Becerileri (Educational Skills) (3 Credits) This Lecture provides general information about child development that related to physical, cognitive and sexual development. Moreover, this lecture also focuses on family attitudes towards children's behaviours, and evaluates a considerable amount of subjects such as child abuse, family dynamics and violence among family members. *(This course is given in Turkish)*

TBD102 Etkili ve Güzel Konuşma Becerileri (Effective Speach Techniques) (3 credits) *(See General Education) (This course is given in Turkish)*

SKI206 Girişimcilik (Entrepreneurship) (3 Credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. *(This course is given in Turkish)*

TLT101 Genel Biyoloji (General Biology) (3 credits) The aim of this course is to define basic terms that related to biology as carbohydrates, lipids, proteins, nucleic acids, cell and its construction, biological membrane, cell cytoplasm, cytokinesis and nuclear divisions, DNA RNA, protein synthesis, genetic illnesses, genetic vulnerability and the other biological concepts. *(This course is given in Turkish)*

SHT124 Genel Kimya (General Chemistry) (3 credits) This course aims to help student for developing their basic knowledge level in both applying and theoretical course and provide basic information that related to those courses. *(This course is given in Turkish)*

SHT108 Hastalıklar Bilgisi(Disease Information) (3 credits) This Lecture aims to provide general information about infectious illness that related to prenatal, infant and early adolescent periods and so on. Moreover, this lecture also focuses on the developmental childhood disorders as well as childhood illness and evaluates them by using different psychology approaches such as genetic, biological, cognitive and family systemic approaches. *(This course is given in Turkish)*

SKI208 Müşteri İlişkileri Yönetimi (Consumer Relations Management) (3 Credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

IAY207 İleri Sürüş Teknikleri(Advanced Driving Techniques) (3 Credits) *(See General Education)*

SHS259 İş Sağlığı ve Güvenliği (Work Health & Security) (3 credits) The aim of this lecture is to provide basic knowledge in order to protect themselves in working environments such as health services. Moreover, it also aims to analyse the basic proactive techniques in working environment, the basic responsibilities of employer, the general expectancies of employee and the differences between employer's expectancies. *(This course is given in Turkish)*

ODY105 İşaret Dili (Sign Language) (3 Credits) The purpose of this course is to teach sign language to people without hearing disabilities in order to maintain communication while providing health care services to the people with hearing disabilities. *(This course is given in Turkish and sign language.)*

TBD106 Kişilerarası İlişkiler (Interpersonal Relationship) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SMAT101 Matematik (Mathematics) (3 credits) The aim of this course is to demonstrate basic math problem solving methods and to define basic terms as EBOB- EKOK rational numbers, real numbers and absolute value, multiplicity terms, exponential numbers and equation terms. *(This course is given in Turkish)*

SHS260 Psikolojik Danışmanlık ve Rehberlik (Psychological Consultancy and Guidance) (3 credits) This course aims to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education)(3 Credits) The purpose of this course is to provide knowledge about concept of education. Main topics covered through the course are; Using tools and technology in education, Health education, Health education with adults, Health education with children, Health education and health behaviour, Planning Health education in basic health services, Health education with individuals, Health education with groups, Health education with societies, group presentation and discussions. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Services) (3 Credits) The purpose of this course is to provide the basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing In Health Services) (3 Credits) The purpose of this course is to; The advantages of marketing activities in health institutions; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, implementing, evaluating and controlling; health care purchasing behavior of buyers and decision-making processes; factors affecting the satisfaction of the consumers, the marketing strategy for corporate image transmission development for health services is to inform about the basic principles for the development. *(This course is given in Turkish)*

SHT206 Sağlık Hukuku ve Mevzuatı (Health Law and Legislation) (3 Credits) The purpose of this course is to identifying the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 Credits) The purpose of this course is to effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish)*

SKI102 Sağlık Kurumları Yönetimi (Health Institutions Management) (3 Credits) The purpose of this course is to Health Care Management provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 Credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

SKI108 Hastalıklar Bilgisi (Disease Information) (3 Credits) The purpose of this course is to provide knowledge about social structure of society, its values and to acquaint the effects on their health. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Health) (3 Credits) The purpose of this course is to provide basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SHS261 Sosyal Hizmetler (Social Services) (3 credits) The purpose of this course is to definition of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate. *(This course is given in Turkish)*

SKI209 Stres Yönetimi (Stress Management) (3 credits) *(See General Education)*

SHT107 Temel Fizik (Basic Physics) (3 Credits) The purpose of this course is to provide a thorough introduction to classical physics. Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

SISL102 Temel İşletme (Basic Business) (3 credits) This course aims to provide basic information about establishing a new business, management of it and concepts of business contingency. (*This course is given in Turkish*)

SHT212 Tıbbi İngilizce I (Medical English I) (3 Credits) (*See General Education*)

SHT213 Tıbbi İngilizce II (Medical English II) (3 Credits) (*See General Education*)

SGSA103 Tıp Fotoğrafçılığı(Medical Photography) (3 credits) (*See General Education*)

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) (*See General Education*)

SGSA107 Sağlık ve Tiyatro(Health and Theater) (3 credits) (*See General Education*)

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) (*See General Education*)

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) (*See General Education*)

SGSA113 Sağlık ve Mimarlık(Health and Architecture) (3 credits) (*See General Education*)

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) (*See General Education*)

Audiometry (Turkish)

About Program

The Audiometry Program educates health care professionals, trained at the vocational school level, to assess hearing and detect hearing disorders. Students wanting to enroll in the Audiometry program are reminded that they will be in direct contact with patients on this issue related to human health. Patient relationships carry a special qualification and require a meticulous and patient approach. As audiology is a new and rapidly progressing branch of science, those who chose this profession must possess professional qualifications and research ambitions at a very high level.

Quality assurance and accreditation in health care services have rapidly gained importance in recent years, bringing a rise in hospital numbers and necessity for qualified health care teams. As students gain basic knowledge of health care management, in addition to operating room services data, they can be promoted to advanced positions by improving themselves over time. The language of instruction of this program is Turkish.

Goals

Students enrolled in the program follow a two-year educational curriculum consisting of theoretical courses and practical applications in order to conduct audiometric tests used for measuring hearing as well as correctly diagnosing hearing disorders. In addition to basic courses, students also enroll in courses in Preschool Child Development, Study Skills, Psychology, Early Childhood Tool Development and Teaching Techniques, Preschool Child Development, Children's Literature, Childhood Art, Creativity, and Game-Play Materials, Development and Education of Mentally-Physically Handicapped Children, Gifted and Talented Children Education, Children's Mental Health, Education Drama, Psychological Counseling and Guidance, Computer Teaching in Early Childhood Education, Health Sociology, Development and Education of Hospitalized Children, Development and Education of Children with Language Development and Communication Disorders, Diction and Body Language, First Aid, General Communication.

Objectives

Program completers will be "Health Services Vocational School Audiometry Program Graduates". Graduates may work under an Audiology or ENT specialist in Audiology clinics at public or private hospitals. They can apply vestibular tests related to balance, work at schools for the hearing impaired and other similar organizations, implement newborn hearing tests at clinic of obstetrics and gynecology, conduct hearing tests at schools, and work at hearing-aid companies. Students who graduate from vocational and technical high schools may choose to enroll in an associate degree program as a continuation of the program they have completed, or a similar one, found in their own Professional and Technical Education Regions (PTER). Later, the student may enroll in a vocational school associate programs out of their region on an open admission basis.

The total credits required for the satisfactory completion of the curriculum are 80 credits. The program additionally requires one internships enduring 30 work days.

CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
ODY103	Ses Fiziği ve Akustik	Yes	Yes	3 + 0	3
SMAT101	Matematik	Yes	Yes	3 + 0	3
SHT109	Tıbbi Terminoloji	Yes	Yes	3 + 0	3
ODY101	İşitme ve Ölçümü I	Yes	Yes	2 + 2	3
SHS105	Anatomi ve Fizyoloji	Yes	Yes	3 + 0	3
SHS251	Seçmeli Ders I	No	Yes	3 + 0	3

[+] 1. Semester Elective Course List

Total :	22
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2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
ODY104	İşitme ve Ölçümü II	Yes	Yes	2 + 2	3
ODY106	İşitme ve Konuşma Anatomofizyolojisi	Yes	Yes	3 + 0	3
ODY108	İşitme Kayıpları	Yes	Yes	3 + 0	3
ODY204	Klinik Uygulama ve İleri Test Yöntemleri I	Yes	Yes	1 + 8	5
SHS252	Seçmeli Ders II	Yes	Yes	3 + 0	3

[+] 2. Semester Elective Course List

Total :	21
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3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ODY203	Klinik Uygulama ve İleri Test Yöntemleri II	Yes	Yes	1 + 8	5

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

CGL203	Vestebüler Sistem ve Testleri	Yes	Yes	3 + 0	3
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
ODY201	İşitme Cihazları	Yes	Yes	3 + 0	3
SHS253	Seçmeli Ders III	Yes	Yes	3 + 0	3
ODY102	Gelişim Psikolojisi	Yes	Yes	3 + 0	3
Total :					20

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ODY202	Çocuk ve Yenidoğan Testleri	Yes	Yes	3 + 0	3
ODY206	Konuşma Gelişimi	Yes	Yes	3 + 0	3
SHT208	Mezuniyet Projesi	Yes	Yes	0 + 2	1
SHS254	Seçmeli Ders IV	Yes	Yes	3 + 0	3
SYAD202	Yabancı Dil II	Yes	Yes	3 + 0	3
SGSA101	Güzel Sanatlar	Yes	Yes	3 + 0	3
SHT112	Temel İlkyardım	Yes	Yes	1 + 0	1
Total :					17

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
SHT108	Hastalıklar Bilgisi	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3
SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SHS257	Çevre Sağlığı	No	Yes	3 + 0	3
ODY110	İşitme Engellilere Özel Öğretim Yöntemleri	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
CGL108	Eğitim Becerileri	No	Yes	3 + 0	3
TBD102	Etkili ve Güzel Konuşma Teknikleri	No	Yes	3 + 0	3
SKI101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
SKI206	Girişimcilik	No	Yes	3 + 0	3
SHT201	Halk Sağlığı	No	Yes	3 + 0	3
SHS261	Sosyal Hizmetler	No	Yes	3 + 0	3
SHS259	İş Sağlığı ve Güvenliği	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3
SHT212	Tıbbi İngilizce I	No	Yes	2 + 0	2
TBD106	Kişilerarası İlişkiler	No	Yes	3 + 0	3
SKI202	Müşteri İlişkileri Yönetimi	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
CGL111	Öğrenme İlke ve Yöntemleri	No	Yes	3 + 0	3
SHS260	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
SKI108	Sağlık Sosyolojisi	No	Yes	3 + 0	3
SHT122	Sağlık Eğitimi	No	Yes	3 + 0	3
SKI207	Sağlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Sağlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3
SHT206	Sağlık Hukuku ve Mevzuatı	No	Yes	3 + 0	3
SKI110	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3
SKI205	Sağlık İletişimi	No	Yes	3 + 0	3
SKI102	Sağlık Kurumları Tönetimi	No	Yes	3 + 0	3

SKI106	Sađlık Sigortacılıđı	No	Yes	3 + 0	3
Grand Total :					80

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I (Principles of Atatürk & History of Turkish Revolution I (2 credits) *(See General Education)*

STRD101 Türk Dili I(2 credits) *(See General Education)*

SHT109 Tıbbi Terminoloji (Medical Terminology) (3 credits) The purpose of this course to provides general information about the basics of medical terminology for those who study the health disciplines and health institutions. Moreover, this lecture aims to help students communicate with their colleagues and other health personnel and make it easier to learn the meaning of manmade structures and classification of diseases and related information to teach. *(This course is given in Turkish)*

SHT105 Anatomi ve Fizioloji (Anatomy and Physiology) (3 credits) The purpose of this course to designed to presents a comprehensive study of the anatomy and physiology of the human body. Topics include body organization; homeostasis; cytology; histology; and the integumentary, skeletal, muscular, nervous systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. *(This course is given in Turkish)*

SMAT101 Matematik (Mathematics) (3 credits) The main aim of mathematics, mathematical logic process with on fundamental concepts, analysis and base arithmetic , the only ones left pane, divisibility rules , Ebob - Ekok To understand the concept of rational numbers , real numbers , absolute value, exponential and radical expressions of understanding, factorization, ratios proportion, to introduce the concepts of equations and problems. *(This course is given in Turkish)*

ODY101 İşitme ve Ölçümü I (Measurement of Hearing 1) (3 credits) The purpose of this course to learn general information about the basics of odyology for those who study the health disciplines and health institutions. Learn the basic concepts of audiometry. ear anatomy and the purpose of the audiological tests give basic information about the physiologist and learn how it's done. *(This course is given in Turkish)*

ODY103 Ses Fiziği ve Akustik (Sound Physics and Acoustic) (3 credits) The purpose of this course to learn general information about the basics of sound physics and acoustic. Learn the basic concepts Doppler event of sound physics and learn psychological characteristic of voice on human. *(This course is given in Turkish)*

SATA102 Atatürk İlkeleri ve İnkılap Tarihi II (Principles of Atatürk & History of Turkish Revolution II) (2 credits) *(See General Education)*

STRD102 Türk Dili II (Turkish Language II) (2 credits) *(See General Education)*

ODY106 İşitme ve Konuşma Anatomofizyolojisi (Speech and hearing Anatomy and Physiology) (3 credits) The purpose of this course to provides general information about the basics of odyology for those who study the health disciplines and health institutions. Learn the anatomy associated with speech

and hearing. Learn information about human anatomy in detail. Learn the physiology of hearing and balance organs. *(This course is given in Turkish)*

ODY104 İşitme ve Ölçümü II (Measurement of Hearing II) (3 credits) This purpose of this course to provides general information about the basics of odyology for those who study the health disciplines and health institutions. Learn the basic concepts of audiometry. On audiologic tests are by making their and practical the Hearing measurement methods Owing experiences. Implement full as by learning Hearing measurement methods. *(This course is given in Turkish)*

ODY108 İşitme Kayıpları (Hearing Loses) (3 credits) The aim is to provide information about ear diseases . This course is to provide general information about the hearing loss audiological findings explaining ear disease. *(This course is given in Turkish)*

ODY203 Klinik Uygulama ve İleri Test Yöntemleri II (Clinic Practise and Advenced Test Methods II) (5 credits) The purpose of this application rules to be followed course in hospital operation in hospital , will have general and detailed information about their programs. Their job descriptions do as a technician in the audiology unit is made by the responsible nurses and technicians .have knowledge about how to approach the patient. *(This course is given in Turkish)*

CGL203 Vestibüler Sistem ve Testleri (Vestibu System and Test) (3 credits) The aim of this course is to learn audiometry disease physiology, the anatomy of the balance on the balance of the course . Detailed information by identifying the necessary treatment of such diseases are not the owner. *(This course is given in Turkish)*

ODY201 İşitme Cihazları (Hearing Aids) (3 credits) This course aims to provide best, Bridal konjelital hearing loss and hearing occurred later in patients with hearing loss a person to give to the community , the purpose is to provide general information about applying devices . *(This course is given in Turkish)*

SYAD201 Yabancı Dil I (Foreign Language I) (3 credits) The purpose of thiscourse is learningtouse the subjects which are below four talent (writing, speaking, reading and perceptipon)

ODY204 Klinik Uygulama ve İleri Test Yöntemleri I (Clinic Practise and Advenced Test Methodts) (5 credits) The purpose of this application rules to be followed course in hospital operation in hospital , will have general and detailed information about their programs. Their job descriptions do as a technician in the audiology unit is made by the responsible nurses and technicians .have knowledge about how to approach the patient. *(This course is given in Turkish)*

ODY102 Gelişim Psikolojisi (Developmental Psychology) (3 credits) The purpose this course of development periods and areas for development, biology, analyzing environmental and cultural effects, physical development, moral development, social development, to have attention on cognitive development, development theories-psychoanalytic theory, psychosocial theory, behavioral theories, cognitive theories -It is to provide students can analyze them about. *(This course is given in Turkish)*

ODY202 Çocuk ve Yenidoğan Testleri (Children and Newborn Tests) (3 credits) The aim of the hearing is measured in children cover the method of construction and rehabilitation of hearing screening . As a result of the course, participants say, in children and infants learn the details of

the hearing metrics and screening. Learn the rehabilitation process will be mandatory in case they. *(This course is given in Turkish)*

SGSA101 Güzel Sanatlar (Fine Arts) (3 credits) The aim of this course is to provide general knowledge that related architecture as a subtype of fine arts. It also aims to help students to criticize their environment from the aspect of different architectural concepts. *(This course is given in Turkish)*

SHT208 Mezuniyet Projesi (Graduation Project) (1 credits) Basic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health. *(This course is given in Turkish)*

ODY206 Konuşma Gelişimi (Speech Development) (3 credits) The purpose this course provides general information about the basics of odology for those who study the health disciplines and health institutions. Learn how to talk development of the and speech disorders. Learn why the speech disorders and treatment methods. Examine from childhood language development and learning of the treatment of the disease. *(This course is given in Turkish)*

SYAD202 Yabancı Dil II (Foreign Language II) (3 credits) The purpose of this course is learning to use the subjects which are below four talent (writing, speaking, reading and perception)

SHT112 Temel İlk Yardım (First Aid) (1 credits) The purpose of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish)*

ELECTIVES

IAY109 Afet Bilgisi (Disaster Knowledge) (3 credits) This course aims to teach a supportive planning procedure in natural disaster process from the aspect of negative effects as physical, economic, social psychological. It also aims to provide general information about constructing a defence mechanism and coping methods in this period by using local sources and human supports. *(This course is given in Turkish)*

SHT108 Hastalıklar Bilgisi (Disease Information) (3 credits) This Lecture aims to provide general information about infectious illness that related to prenatal, infant and early adolescent periods and so on. Moreover, this lecture also focuses on the developmental childhood disorders as well as childhood illness and evaluates them by using different psychology approaches such as genetic, biological, cognitive and family systemic approaches. *(This course is given in Turkish)*

SHT203 Araştırma Yöntem ve Teknikleri (Research Techniques and Methods) (3 credits) The purpose of this course is to provide general knowledge about research techniques for conducting proper research. Moreover, this course also aims to demonstrate two basic types of researches as qualitative and quantitative research methods. At the end of this course students are expected to conduct experimental work by using both these theories. *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojileri (Information and Communication Technology) (3 credits)

The purpose of this course is to comprehend the importance of basic information technology. Computer hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. *(This course is given in Turkish)*

SBLG101 Bilgisayara Giriş (Basic Computer Skills) (3 credits)

The purpose of this course is to this lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SHT104 Biyoistatistik (Biostatistics) (3 credits)

The purpose of this course is to we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environmental Health) (3 credits)

The purpose of this course is to general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

ODY110 İşitme Engellilere Özel Öğretim Yöntemleri (Teaching Methods Hearing Impared) (3 credits)

This course aims to develop language in an important period of pre-school children with communication disorders , causes and remedies , to teach basic knowledge and skills on the education of disabled children . *(This course is given in Turkish)*

SHT124 Genel Kimya (Basic Chemistry) (3 credits)

The purpose of thiscourse is to increase the level of basicknowledge in order to understand both thetheoretical andpracticalvocationalcourses. *(This course is given in Turkish)*

CGL108 Eğitim Becerileri (Educational Skills) (3 credits)

This Lecture provides general information about child development that related to physical, cognitive and sexual development. Moreover, this lecture also focuses on family attitudes towards children's behaviours, and evaluates a considerable amount of subjects such as child abuse, family dynamics and violence among family members. *(This course is given in Turkish)*

TBD102 Etkili ve Güzel Konuşma Teknikleri (Effective Speaking Techniques) (3 credits)

(See General Education)

SKI101 Yönetim ve Organizasyon (Management and Organization) (3 credits) The purpose of this course is to provide general information about management and organization systems by using different aspects of business sciences. Moreover, it also demonstrate the main cg-characteristics of a business from the aspect of a manager. *(This course is given in Turkish)*

SKI206 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. *(This course is given in Turkish)*

SHT201 Halk Sağlığı (Public Health) (3 credits) This course aims to provide general information for students that related to public health define its termination as mother-child health, adolescence health, work health and family planning and health education. *(This course is given in Turkish)*

SHS259 İş Sağlığı ve Güvenliği (Work Health & Security) (3 credits) The aim of this lecture is to provide basic knowledge in order to protect themselves in working environments such as health services. Moreover, it also aims to analyse the basic proactive techniques in working environment, the basic responsibilities of employer, the general expectancies of employee and the differences between employer's expectancies. *(This course is given in Turkish)*

ODY105 İşaret Dili(Sign Language) (3 credits) The aim of this course is to demonstrate basic sign language by using mimics jests and main characteristics of this language. Moreover, this course also aims to provide the basic knowledge about Turkish sign language and world sign language and their similarities and differences in accordance to today's sign international sign language. It also aims to provide basic grammar rules about sign language and its constructions. *(This course is given in Turkish)*

TLT101 Genel Biyoloji (General Biology) (3 credits) The aim of this course is to define basic terms that related to biology as carbohydrates, lipids, proteins, nucleic acids, cell and its construction, biological membrane, cell cytoplasm, cytokinesis and nuclear divisions, DNA RNA, protein synthesis, genetic illnesses, genetic vulnerability and the other biological concepts. *(This course is given in Turkish)*

SHT107 Temel Fizik (Basic Physics) (3 credits) The purpose of this course is to provide a thorough introduction to classical physics .Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

SHT212 Tıbbi İngilizce I (Medical English) (3 credits) *(See General Education)*

TBD106 Kişilerarası İlişkiler(Interpersonal Relationship) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in

communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SKI202 Müşteri İlişkileri Yönetimi (Customer Relations Management) (3 credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

SKI209 Stres Yönetimi (Stress Management) (3 credits) *(See General Education)*

CGL111 Öğrenme İlke ve Yöntemleri (Teaching Methods and Principles) (3 credits) The aim of this course is to provide basic knowledge in order to answer the basic questions as follows; why we need preschool education? Why the preschool teachers have to be well educated by using special techniques? What kinds of teaching techniques can be used in this procedure? How can be established a positive education atmosphere in order to provide proper knowledge level. *(This course is given in Turkish)*

SHS260 Psikolojik Danışmanlık ve Rehberlik (Psychological Counseling and Guidance) (3 credits) This course aims to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 credits) The purpose of this course is to demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Care) (3 credits) The purpose of this course is to provide the basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing in Healthcare) (3 credits) The purpose of this course is to; The advantages of marketing activities in health institutions; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, implementing, evaluating and controlling; health care purchasing behavior of buyers and decision-making processes; factors affecting the satisfaction of the consumers, the marketing strategy for corporate image transmission development for health services is to inform about the basic principles for the development. *(This course is given in Turkish)*

SKI206 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish)*

SKI102 Sağlık Kurumları Yönetimi (Health Care Management) (3 credits) The purpose of this course is to Health Care Management provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı(Health Insurance) (3 credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

SKI108 Sağlık Sosyolojisi (Health Sociology) (3 credits) The purpose of this course is to provide basic knowledge about health sociology and its concepts by discussing them in accordance to basic theories. Moreover, this course also aims to analyze the general health issues from the aspect of health sociology and by using the basic perspectives of public assessments. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Health) (3 credits) The purpose of this course is to basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SHS261 Sosyal Hizmetler (Social Services) (3 credits) The purpose of this course is to define construction of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate. *(This course is given in Turkish)*

SHS258 Çevre ve Sosyal Sorumluluk (Environment and Social Responsibility) (3 credits) The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

DYZ104 Beslenme İlkeleri (Nutrition Principles) (3 credits) The purpose of this course is to provide to introduce students to the concept of diet and nutrition to teach the students about diversity. Healthy eating, unhealthy diet, nutrition and weight benefits of protein, carbohydrates which mainly benefit such as nutrition and diet also offered to different types of

informationaimstoclarifythequestion of thestudentswilllearnaboutnutrition. *(This course is given in Turkish)*

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) *(See General Education)*

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) *(See General Education)*

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) *(See General Education)*

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) *(See General Education)*

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) *(See General Education)*

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) *(See General Education)*

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) *(See General Education)*

Child Development (Turkish)

About Program

The aim of the Child Development Program is that bring up the child developer and educator who can follow, determine and apply the supporting education programs for the children at 0-18 who develop normally or need a special education program.

The graduates service not only the children, families and society about the child development issue, but also consult to institutions and make people conscious of child development.

Goals

The aim of this program is to train child developers and teachers who can follow up, develop and apply education programs that support to developmental characteristics of children between the ages of 0-18. It also aims to describe the general concepts and scientific theories in child development area. Moreover, this program also aims to analyse the knowledge that is obtained during lectures about child development and make student to engage this knowledge in an appropriate way to life condition.

Objectives

The program focuses on developing specialist knowledge of young children's learning and development and to plan, implement and evaluate curriculum and learning experiences in preschool and childcare programs. A key component of this program is focused on the development of leadership and advocacy skills with an emphasis on working collaboratively with families and communities to achieve the best learning outcomes for young children. The aim of this program is to train child developers and teachers who can follow up, develop and apply education programs that support development of children between the ages of 0-18 years whose development level is normal or abnormal.

The total credits required for the satisfactory completion of the curriculum are 72 credits. The program additionally requires an internships enduring 40 work days.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
CGL101	Okul Öncesi Çocuk Gelişimi I	Yes	Yes	3 + 0	3
CGL103	Çocuk Gelişiminde Eğitim Becerileri	Yes	Yes	2 + 2	3
CGL105	Yaratıcılık ve Geliştirilmesi	Yes	Yes	1 + 2	2
CGL107	Okul Öncesi eğitimde Program Geliştirme	Yes	Yes	2 + 2	3
SHS251	Seçmeli Ders I	No	Yes	3 + 0	3
Total :					18

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
CGL208	Okul Öncesi Eğitimde Uygulama	Yes	Yes	1 + 8	4
CGL102	Okul Öncesi eğitimde Araç ve Oyun Materyali Geliştirme	Yes	Yes	2 + 2	3
CGL104	Okul Öncesi Çocuk Gelişimi II	Yes	Yes	3 + 0	3
SHS252	Seçmeli Ders II	No	Yes	3 + 0	3
SHS253	Seçmeli Ders III	No	Yes	3 + 0	3
Total :					20

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CGL201	Çocuk Ruh Sağlığı	Yes	Yes	2 + 0	2
CGL203	Eğitimde Drama	Yes	Yes	1 + 2	2
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
CGL211	Özel Eğitim I	Yes	Yes	2 + 2	3
SHS254	Seçmeli Ders IV	Yes	Yes	3 + 0	3
CGL213	Çocuk Gelişimini Değerlendirme Testleri ve Uygulama	Yes	Yes	1 + 6	4
Total :					17

4th SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
CGL202	Beden eğitimi ve Oyun Öğretimi	Yes	Yes	2 + 2	3
CGL210	Özel Eğitim II	Yes	Yes	2 + 2	3
SHT208	Mezuniyet Projesi	Yes	Yes	0 + 2	1
SGSA101	Güzel Sanatlar	Yes	Yes	3 + 0	3
CGL206	İletişim Becerileri ve Aile Danışmanlığı	Yes	Yes	3 + 0	3
SYAD202	Yabancı Dil II	Yes	Yes	3 + 0	3
SHT112	Temel İlk Yardım	Yes	Yes	1 + 0	1
Total :					17

[+] Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
CGL109	Çocuk Hakları ve Toplum	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3
SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3
CGL115	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
CGL106	Çocuk Ve Müzik	No	Yes	3 + 0	3
CGL108	Eğitim Becerileri	No	Yes	3 + 0	3
TBD102	Etkili ve Güzel Konuşma Teknikleri	No	Yes	3 + 0	3
CGL110	Gelişim Psikolojisi	No	Yes	3 + 0	3
SKI206	Girişimcilik	No	Yes	3 + 0	3
SHT201	Halk Sağlığı	No	Yes	3 + 0	3
SHT108	Hastalıklar Bilgisi	No	Yes	3 + 0	3
SHS259	İş Sağlığı ve Güvenliği	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3
CGL209	Çocuk Edebiyatı ve Medya	No	Yes	2 + 0	2
TBD106	Kişilerarası İlişkiler	No	Yes	3 + 0	3
SKI208	Müşteri İlişkileri yönetimi	No	Yes	3 + 0	3
CGL112	Okul Öncesinde Fen, Matematik ve Teknoloji Eğitimi	No	Yes	3 + 0	3
CGL111	Öğretim ilke ve yöntemleri	No	Yes	3 + 0	3

SHS260	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
CGL113	Psikolojiye Giriş	No	Yes	3 + 0	3
SHT122	Sağlık Eğitimi	No	Yes	3 + 0	3
SKI207	Sağlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Sağlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3
SHT206	Sağlık Hukuku ve Mevzuatı	No	Yes	3 + 0	3
SKI205	Sağlık İletişimi	No	Yes	3 + 0	3
SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	3
SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SKI108	Sağlık Sosyolojisi	No	Yes	3 + 0	3
SKI110	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3
SHS261	Sosyal Hizmetler	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SHT202	Tıbbi İngilizce	No	Yes	3 + 0	3
SKI101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
SMAT101	Matematik	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
CGL116	Çocuk Mutfağı	No	Yes	3 + 0	3
CGL120	İletişim bozuklukları ve İşaret Dili	No	Yes	3 + 0	3
SGSA113	Güzel Sanatlar- Sağlık ve Mimarlık	No	Yes	3 + 0	3
SGSA103	Güzel Sanatlar-Tıp Fotoğrafçılığı	No	Yes	3 + 0	3

SGSA105	Güzel Sanatlar-Tıp Ressamlığı	No	Yes	3 + 0	3
SGSA107	Güzel Sanatlar- Sağlık ve Tiyatro	No	Yes	3 + 0	3
SGSA109	Güzel Sanatlar Sağlık Kültürü	No	Yes	3 + 0	3
SGSA115	Güzel Sanatlar- Sağlık ve Sinema	No	Yes	3 + 0	3
Grand Total					72

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I (Principles of Atatürk &History of Turkish Revolution I) (2 credits) *(See General Education)*

STRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education)*

CGL101 Okul Öncesi Çocuk Gelişimi I (Child Development In Pre-School Period I) (3 credits)
The purpose of this course is to provide general information about child development and the concept of growing up and maturation. Moreover, this Lecture aims to evaluate the main effective factors on child development and it also criticizes the main approaches that assessed child development from the aspect of Piaget's cognitive development, Erikson's psychosocial development and physical development. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish)*

CGL103 Çocuk Gelişiminde Eğitim Becerileri (Education Skills In Child Development) (3 credits)
This Lecture provides general information about child development that related to physical, cognitive and sexual development. Moreover, this lecture also focuses on family attitudes towards children's behaviours, and evaluates a considerable amount of subjects such as child abuse, family dynamics and violence among family members. *(This course is given in Turkish)*

CGL105 Yaratıcılık ve Geliştirilmesi (Creativity And Its Cultivation) (2 credits) The purpose of this course is to provide information that related to creativity in order to be able to teach how important the developmental process of creativity is. The importance of creative thinking in personal life, qualifications of creative people and intercultural or developmental factors that affect creativity, will also be clarified during this Lecture, Moreover, this Lecture also aims to develop the debate and problem solving skills of student that related to developmental process of creativity by using visual presentation of data during Lectures. *(This course is given in Turkish)*

CGL107 Okul Öncesi eğitimde Program Geliştirme (Program Development In Pre- School Education) (3 credits) The purpose of this course is to teach students advent of pre-school children, they cognitive, language, emotional, social, and will be made in the field of psycho-motor development with the aim of creating a development program to be developed can. Children's development in line with daily and monthly plans will be able to edit. Reggio Emilia, Montessori, multiple intelligence approach (Gardner), standing on the High Scope models, and discuss the differences and similarities between the programs. *(This course is given in Turkish)*

SATA102 Atatürk İlkeleri ve İnkılap Tarihi II (Principles of Atatürk &History of Turkish Revolution II) (2 credits) *(See General Education)*

STRD102 Türk Dili II (Turkish Language) (2 credits) *(See General Education)*

CGL102 Okul Öncesi eğitimde Araç ve Oyun Materyali Geliştirme (Development of Playing Materials In Pre-School Education) (3 credits) This course aims to comprehend of the importance of materials and environmental stimuli in early childhood period. Moreover, it also clarifies the developmental process of educational materials and instructing of election principles. The usage area of

educational toys, playing materials, televisions, video players, computers, presentation skills, internet connection and explanation of arranging process of different materials with two and three dimensions by using educational technology are also clarified in this lecture. *(This course is given in Turkish).*
Prerequisite: CGL105

CGL104 Okul Öncesi Çocuk Gelişimi II (Child Development In Pre- School Period-II) (3 credits)

The purpose of this course is to provide general information about child development and the concept of growing up and maturation. Moreover, this Lecture aims to evaluates the main effective factors on child development and it also criticizes the main approaches that assessed child development such as Freud's psychoanalytic approach, Bandura's social learning theory and Bowlby's attachment theory and moral development in childhood period by Piaget and Kohlberg. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish) Prerequisite:CGL101*

CGL201 Çocuk Ruh Sağlığı (Child Mental Health) (2 credits)

The purpose of this course is to provide information for our students about subjects like concepts about mental health, characteristics of people who suffer from mental health problems and who do not have these problems about them, behavior and conduct problems of children and effects of family on child mental health. Moreover, this lecture also focuses on the developmental childhood disorders as well as childhood illness and evaluates them by using different psychology approaches such as genetic, biological, cognitive and family systemic approaches. *(This course is given in Turkish)*

CGL203 Eğitimde Drama (Drama in Education) (2 credits)

The purpose of this course is to give students an opportunity for applying in their professional lives, mental and social development programs that support creating original query, to produce, to explore, to solve problems, aims to improve the properties. It allows students to use body language to communicate in interpersonal relationships. Pantomime, role playing, creating stories, story completion, techniques such as improvisation will have information on how they will use in children's education. *(This course is given in Turkish)*

CGL211 Özel Eğitim I (Special Training Education I) (3 credits)

The purpose of this course is to inform students about special education and its characteristics by using different approaches. Moreover, it also provides general information about children who need special education and analysis their characteristics and their needs. It also describes children's physical and cognitive skills who need special education. *(This course is given in Turkish)*

CGL213 Çocuk Gelişimini Değerlendirme Testleri ve Uygulama (Child Assessment Methods and Applying Process) (4 credits)

This course aims to inform students about the assessments process of early childhood development. Moreover, it also aims to develop new programs in order to support the developmental process of children who are in preschool period. *(This course is given in Turkish)*

CGL202 Beden Eğitimi ve Oyun Öğretimi (Physical Education and Play Skills) (3 credits)

The purpose of this course is to provide general information about playing activities in childhood. Moreover, this lecture also focuses on different approaches that related to developmental process of playing activities in childhood period and describes how to develop different playing skills that related to physical activities. *(This course is given in Turkish)*

SGSA101 Güzel Sanatlar (Fine Arts) (3 credits) The aim of this course is to provide general knowledge that related architecture as a subtype of fine arts. It also aims to help students to criticize their environment from the aspect of different architectural concepts. *(This course is given in Turkish)*

SHT208 Mezuniyet Projesi (Graduation Project) (1 credit) This course aims to help student for application process of their two years education by summarizing their knowledge and from the aspect of each learned concept that they've practice during their education. *(This course is given in Turkish)*

CGL210 Özel Eğitim II (Special Training Education II) (3 credits) This Lecture informs about special education and its characteristics by using different approaches. Moreover, it also provides general information about children who need special education and analysis their characteristics and their needs. It also describes children's physical and cognitive skills that need special education. *(This course is given in Turkish). Prerequisite:CGL211)*

CGL206 İletişim Becerileri ve Aile Danışmanlığı (Communication Skills and Family Consultancy) (3 credits) This Lecture aims to provide general information for the relationship between family, child and school. Moreover, this Lecture also informs about the communication and relationship types in families and provides general knowledge that related to effective communication methods, in addition focuses on the family consultancy subjects. *(This course is given in Turkish)*

SHT112 Temel İlk Yardım (Basic First Aid) (1 credits) The purpose of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish)*

ELECTIVES

IAY109 Afet Bilgisi (Disaster Knowledge) (3 credits) This course aims to teach a supportive planning procedure in natural disaster process from the aspect of negative effects as physical, economic, social psychological. It also aims to provide general information about constructing a defence mechanism and coping methods in this period by using local sources and human supports. *(This course is given in Turkish)*

SHT203 Araştırma Yöntem ve Teknikleri (Research Techniques and Methods) (3 credits) The purpose of this course is to provide general knowledge about research techniques for conducting proper research. Moreover, this course also aims to demonstrate two basic types of researches as qualitative and quantitative research methods. At the end of this course students are expected to conduct experimental work by using both these theories. *(This course is given in Turkish)*

DYZ104 Beslenme İlkeleri (Principles of Nutrition) (3 credits) The aim of this course is to define nutrition concepts and its variety for student. Healthy and unhealthy nutrition principles, protein focused nutrition principles and its strengths and limitations, carbohydrate focused nutrition principles and its strengths and limitations, a variety of dietary principles and to provide basic info about nutrition terms. *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojileri (Knowledge and Communication Technology) (3 credits) The purpose of this course is to comprehend the importance of basic information technology. Computer

hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. *(This course is given in Turkish)*

SBLG101 Bilgisayara Giriş (Basic Computer Skills) (3 credits) The purpose of this course is to this lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SHT104 Biyoistatistik (Biostatistics) (3 credits) The purpose of this course is to we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

SHS258 Çevre ve Sosyal Sorumluluk (Environmental & Social Responsibility) (3 credits) The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environmental Health) (3 credits) The purpose of this course is to general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

CGL109 Çocuk Hakları ve Toplum (Child Rights and Society) (3 credits) The purpose of this course is to provide both a cognitive and experiential approach to Human and Children's rights education. Moreover, the course seeks to provide a venue for discussion of Human and Children's Rights so that these issues become relevant components of the everyday lives, consciousness and goals as professional educators and students of education. *(This course is given in Turkish)*

CGL106 Çocuk ve Müzik (Child & Music) (3 credits) The importance of pre-school music students shared the experience of the application areas are targeted. The development of children's music games, rhythm training planned to work in an academic environment. *(This course is given in Turkish)*

CGL108 Eğitim Becerileri (Educational Abilities) (3 credits) This Lecture provides general information about child development that related to physical, cognitive and sexual development. Moreover, this lecture also focuses on family attitudes towards children's behaviours, and evaluates a considerable amount of subjects such as child abuse, family dynamics and violence among family members. *(This course is given in Turkish)*

TBD102 Etkili ve Güzel Konuşma Teknikleri (Effective Communication Skills) (3 credits) *(See General Education)*

CGL110 Gelişim Psikolojisi (Developmental Psychology) (3 credits) The purpose of this course is to demonstrate developmental periods and areas as biology, environmental and cultural effects, physical development, moral development, social development, to have attention on cognitive development, development theories-psychoanalytic theory, psychosocial theory, behavioural theories, cognitive theories -It is to provide students can analyse them about. *(This course is given in Turkish)*

SKI206 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. *(This course is given in Turkish)*

SHT201 Halk Sağlığı (Public Health) (3 credits) This course aims to provide general information for students that related to public health define its termination as mother-child health, adolescence health, work health and family planning and health education. *(This course is given in Turkish)*

SHT108 Hastalıklar Bilgisi (Disease Knowledge) (3 credits) This Lecture aims to provide general information about infectious illness that related to prenatal, infant and early adolescent periods and so on. Moreover, this lecture also focuses on the developmental childhood disorders as well as childhood illness and evaluates them by using different psychology approaches such as genetic, biological, cognitive and family systemic approaches. *(This course is given in Turkish)*

SHS259 İş Sağlığı ve Güvenliği (Work Health & Security) (3 credits) The aim of this lecture is to provide basic knowledge in order to protect themselves in working environments such as health services. Moreover, it also aims to analyse the basic proactive techniques in working environment, the basic responsibilities of employer, the general expectancies of employee and the differences between employer's expectancies. *(This course is given in Turkish)*

ODY105 İşaret Dili (Sign Language) (3 credits) The aim of this course is to demonstrate basic sign language by using mimics jests and main characteristics of this language. Moreover, this course also aims to provide the basic knowledge about Turkish sign language and world sign language and their similarities and differences in accordance to today's sign international sign language. It also aims to provide basic grammar rules about sign language and its constructions. *(This course is given in Turkish)*

TLT101 Genel Biyoloji (Basic Biology) (3 credits) The aim of this course is to define basic terms that related to biology as carbohydrates, lipids, proteins, nucleic acids, cell and its construction, biological membrane, cell cytoplasm, cytokinesis and nuclear divisions, DNA RNA, protein synthesis, genetic illnesses, genetic vulnerability and the other biological concepts. *(This course is given in Turkish)*

SHT107 Temel Fizik (Basic Physics) (3 credits) The purpose of this course is to provide a thorough introduction to classical physics .Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

CGL209 Çocuk Edebiyatı ve Medya (Child Literature and Media) (3 credits) This lecture focuses on the general characteristics of children’s literature; additionally, it also provides appropriate and inappropriate examples among the current sources of the children’s literature. Moreover, this lecture also separates book contents in accordance to the age of children, and assesses these sources from the aspect of their usefulness and positive effects on children. *(This course is given in Turkish)*

CGL115 Psikolojik Danışmanlık ve Rehberlik (Counselling Psychology and Guidance) (3 credits) This course aims to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

CGL120 İletişim Bozuklukları ve İşaret Dili (Miscommunication and Sign Language) (3 credits) The aim of this course is to demonstrate basic sign language by using mimics jests and main characteristics of this language. Moreover, this course also aims to provide the basic knowledge about Turkish sign language and world sign language and their similarities and differences in accordance to today’s sign international sign language. It also aims to provide basic grammar rules about sign language and its constructions. *(This course is given in Turkish)*

TBD106 Kişilerarası İlişkiler (Interpersonal Relationship) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SKI208 Müşteri İlişkileri Yönetimi (Customer Relationship Management) (3 credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

CGL112 Okul Öncesinde Fen, Matematik ve Teknoloji Eğitimi (Pre School Education of Science, Maths and Technology) 3 credits) The purpose of this course is to demonstrate the Nature of Science and Characteristics, and to answer the question of “Why do we teach science in early childhood education”? Goals of science education Roles of teachers and families, Science teaching environments and approaches, Conceptual Development Measurement & evaluation in science education, Biology Living and nonliving concepts Plants, Biology Animals Human Body, Biology Food and nutrition Ecosystem, Physical Science and Activities I, Physical Science and Activities II, Physical Science and

Activities III, Nature of Substance and Activities I, Nature of Substance and Activities II, Nature of Substance and Activities III. *(This course is given in Turkish)*

CGL111 Öğretim İlke ve Yöntemleri (Principles and Methods of Education) (3 credits) The aim of this course is to provide basic knowledge in order to answer the basic questions as follows; why we need preschool education? Why the preschool teachers have to be well educated by using special techniques? What kinds of teaching techniques can be used in this procedure? How can be established a positive education atmosphere in order to provide proper knowledge level. *(This course is given in Turkish)*

SHS260 Psikolojik Danışmanlık ve Rehberlik (Counselling Psychology and Guidance) (3 credits) This course aims to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

CGL113 Psikolojiye Giriş (Introduction to Psychology) (3 credits) The aim of this course is to provide general information about basic psychology terms. Moreover, it also aims to define the subtypes of psychology as health psychology, behavioural psychology, developmental psychology, cognitive psychology, experimental psychology and their components. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 credits) The purpose of this course is to demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Services) (3 credits) The purpose of this course is to provide the basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing in Health Services) (3 credits) The purpose of this course is to; The advantages of marketing activities in health institutions; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, implementing, evaluating and controlling; health care purchasing behavior of buyers and decision-making processes; factors affecting the satisfaction of the consumers, the marketing strategy for corporate image transmission development for health services is to inform about the basic principles for the development. *(This course is given in Turkish)*

SHT206 Sağlık Hukuku ve Mevzuatı (Health Law and Legislation) (3 credits) The purpose of this course is to identifying the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish)*

SKI102 Sağlık Kurumları Yönetimi (Health Institution Management) (3 credits) The purpose of this course is to Health Care Management provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

SKI108 Sağlık Sosyolojisi (Health Sociology) (3 credits) The purpose of this course is to provide basic knowledge about health sociology and its concepts by discussing them in accordance to basic theories. Moreover, this course also aims to analyze the general health issues from the aspect of health sociology and by using the basic perspectives of public assessments. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Health) (3 credits) The purpose of this course is to basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SHS261 Sosyal Hizmetler (Social Services) (3 credits) The purpose of this course is to define construction of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate. *(This course is given in Turkish)*

SKI209 Stres Yönetimi (Stress Management) (3 credits) The purpose of this course is to demonstrate general theories about stress and also provide general knowledge that related to stress concept. This course also aims to analyze main stress theories as fight or flight, general adaptation syndrome and Lazarus's perceived stress model. *(This course is given in Turkish)*

SHT202 Tıbbi İngilizce (Medical English) (3 credits) *(See General Education) (This course is given in Turkish)*

SKI101 Yönetim ve Organizasyon (Management and Organization) (3 credits) The purpose of this course is to provide general information about management and organization systems by using different aspects of business sciences. Moreover, it also demonstrate the main cg-characteristics of a business from the aspect of a manager. *(This course is given in Turkish)*

SMAT101 Matematik (Mathematics) (3 credits) The aim of this course is to demonstrate basic math problem solving methods and to define basic terms as EBOB- EKOK rational numbers, real numbers and absolute value, multiplicity terms, exponential numbers and equation terms. *(This course is given in Turkish)*

SHT124 Genel Kimya (Basic Chemistry) (3 credits) This course aims to help student for developing their basic knowledge level in both applying and theoretical course and provide basic information that related to those courses. *(This course is given in Turkish)*

CGL116 Çocuk Mutfağı (Child Kitchen) (3 credits) The aim of this lecture is to demonstrate basic information about nutrition principles that related to prenatal period, infant period, early childhood period, preschool period, childhood and adolescent period. It also aims to analyze the nutrition needs of children in accordance to age and developmental characteristics of children and define the proper balanced nutrition principles and proper type of nutrition in accordance to child's health conditions. *(This course is given in Turkish)*

CGL118 Davranış Bilimleri (Behavioral Sciences) (3 credits) *(See General Education)*

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) *(See General Education)*

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) *(See General Education)*

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) *(See General Education)*

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) *(See General Education)*

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) *(See General Education)*

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) *(See General Education)*

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) *(See General Education)*

Dialysis (Turkish)

About Program

The purpose of this program; in disease requiring dialysis, receiving dialysis machine in the patient's hemodialysis centers, follow-up and treatment, working in the termination of the dialysis phase, patients that quality health care that can inform the treatment of patients and dialysis relatives, that can maintain the dialysis machine, hemodialysis and peritoneal dialysis unit related technical issues that adequate training is to train qualified technical health personnel. Students take courses in clinical practice hemodialysis and peritoneal dialysis unit Besides the basic medical sciences and professional lectures.

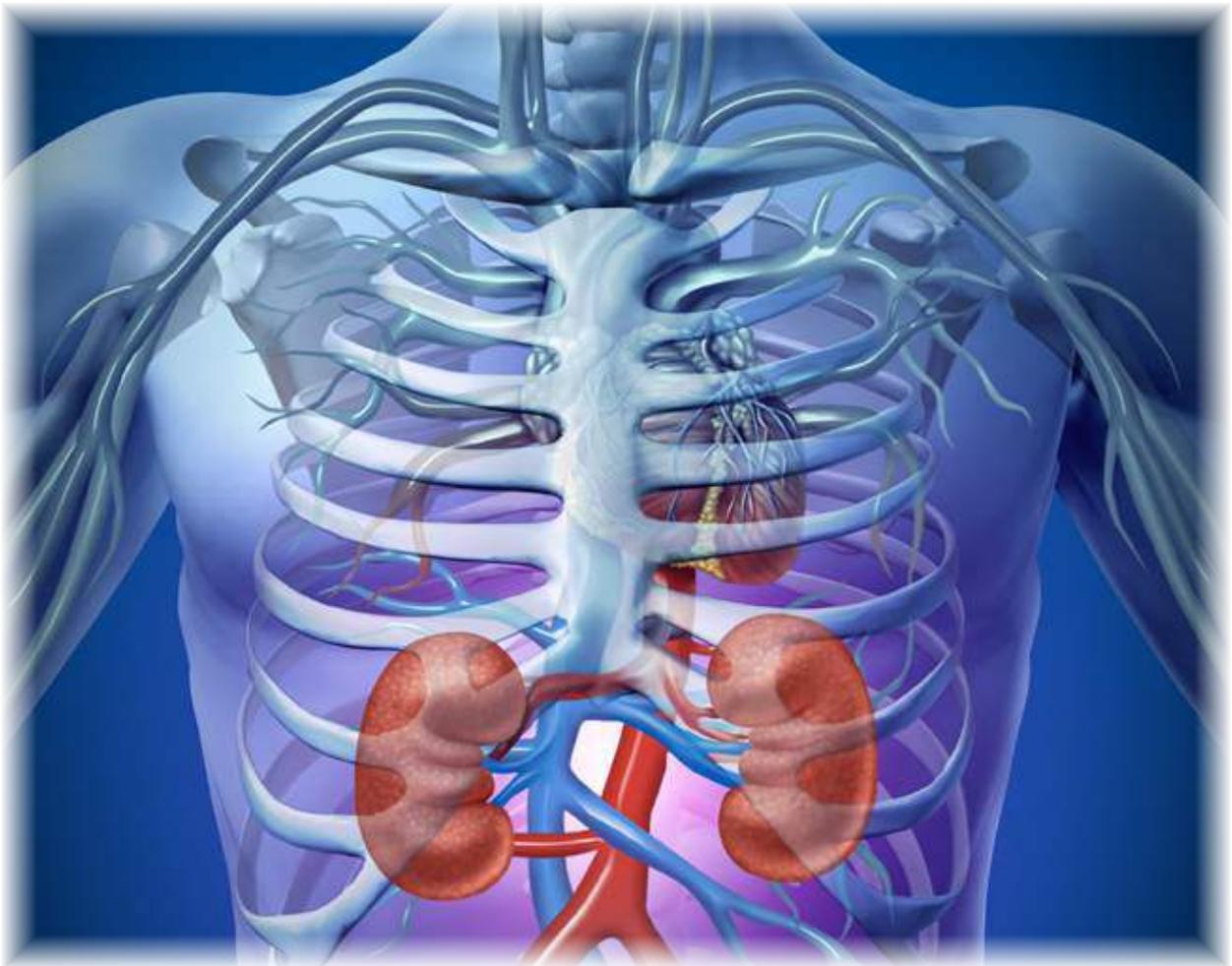
Goals

Our goal is theoretically well-equipped, with all information related to the urinary system diseases knowledgeable about dialysis , dialysis technicians are train develop itself .

Objectives

Our goal is theoretically well-equipped, with all information related to the urinary system diseases knowledgeable about dialysis, dialysis technicians are train develop itself.

The total credits required for the satisfactory completion of the curriculum are 75 credits. The program additionally requires one internships enduring 30 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SHT 101	Anatomi	Yes	Yes	3 + 0	3
DYZ 101	Hasta Bakım İlkeleri	Yes	Yes	3 + 0	3
SHT 111	Biyokimya	Yes	Yes	3+ 0	3
SHT 112	Temel İlk Yardım	Yes	Yes	1+ 0	1
SATA 101	Atatürk İlkeleri VE İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD 101	Türk Dili I	Yes	Yes	2 + 0	2
SHT 113	Davranış Bilimleri	Yes	Yes	2+ 0	2
SHS 251	Seçmeli Ders I	Yes	Yes	3 + 0	3
Total :					19

271

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
DYZ202	Diyaliz I	Yes	Yes	1 + 8	5
SHT 108	Hastalıklar Bilgisi	Yes	Yes	3+ 0	3
SATA 102	Atatürk İlkeleri İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD 102	Türk Dili II	Yes	Yes	2 + 0	2
SHT 102	Fizyoloji	Yes	Yes	3 + 0	3
SHT 120	Tıbbi Etik ve Hasta Hakları	Yes	Yes	2 + 0	2
SGSA 101	Güzel Sanatlar	Yes	Yes	3 + 0	3
Total :					20

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3. SEMESTER COURSE PLAN ²⁷²

Code	Course Title	*C	**A	***L+P Hours	Credits
SHT110	Farmakoloji	Yes	Yes	3 + 0	3
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
DYZ207	Nefroloji	Yes	Yes	4 + 0	4
DYZ205	Diyaliz II	Yes	Yes	1 + 8	5
DYZ201	Dahiliye Hastalıkları	Yes	Yes	3 + 0	3
SHT 116	Enfeksiyon Hastalıkları ve Sterilizasyon Esasları	Yes	Yes	3 + 0	3
Total :					21

4. SEMESTER COURSE PLAN ²⁷³

Code	Course Title	*C	**A	***L+P Hours	Credits
SYAD 202	Yabancı Dil II	Yes	Yes	3 + 0	3
AML 205	Cerrahi Hastalıklar	Yes	Yes	3 + 0	3
DYZ 206	Kronik Hastalıklar Psikolojisi	Yes	Yes	2 + 0	2
DYZ 204	Diyaliz Ekipmanları Kullanım ve Bakımları	Yes	Yes	3 + 0	3
SHS 253	Seçmeli Ders III	Yes	Yes	3 + 0	3
SHT 208	Mezuniyet Projesi	Yes	Yes	0 + 2	1

[+] 4. Semester Elective Course Lis

Total :					15
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Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3
SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SHS257	Çevre Sağlığı	No	Yes	3 + 0	3
CGL108	Eğitim Becerileri	No	Yes	3 + 0	3
TBD102	Etkili ve Güzel Konuşma Teknikleri	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
SKI206	Girişimcilik	No	Yes	3 + 0	3
SHT201	Halk Sağlığı	No	Yes	3 + 0	3
SKI208	Hastane Bilgi İşlem Sistemleri	No	Yes	3 + 0	3
IAY207	İleri Sürüş Teknikleri	No	Yes	3 + 0	3
SHS259	İş Sağlığı ve Güvenliği	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3
TBD106	Kişilerarası İlişkiler	No	Yes	3 + 0	3
SMAT101	Matematik	No	Yes	3 + 0	3
SKI208	Müşteri İlişkileri Yönetimi	No	Yes	3 + 0	3
SHS260	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
SHT122	Sağlık Eğitimi	No	Yes	3 + 0	3
SKI207	Sağlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Sağlık Hizmetleri Pazarlama	No	Yes	3 + 0	3
SHT206	Sağlık Hukuku ve Mevzuatı	No	Yes	3 + 0	3
SKI205	Sağlık İletişimi	No	Yes	3 + 0	3
SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	3
SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SKI110	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3
SHS261	Sosyal Hizmetler	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3
SISL102	Temel İşletme	No	Yes	3 + 0	3

SHT212	Tıbbi İngilizce I	No	Yes	3 + 0	3
SHT213	Tıbbi İngilizce II	No	Yes	3 + 0	3
SKI101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
Grand Total :					75

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I (Atatürk Principles and The History of Turkish Revolution I) (2 credits) *(See General Education)*

STRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education)*

SHT101 Anatomi (Anatomy) (3 credits) The aim of this course; presents a systemic approach to the study of the human body. Lecture presentation begins with an introduction of anatomical terminology and an overview of cellular processes and tissue classification. Students then learn the gross and microscopic anatomy of the following systems: integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, and reproductive. The laboratory component of the course generally parallels and reinforces lecture concepts through the use of models, histological slides, skeletal and the other anatomical materials. Students also attend two 2-hour labs per week. *(This course is given in Turkish).*

SHT102 Fizyoloji (Physiology) (3 credits) The aim of this course ;presents a comprehensive study of the basic anatomy and physiology of the human body. This course also designed to be understood the complexities of the cells, tissues, and major organs and systems of the human body. Topics include body organization; homeostasis; basic histology; and skeletal, muscular, joint, cardiovascular, blood, immune, respiratory, endocrine, excretory, reproductive, nervous, sensory, digestive systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of basic anatomy and main physiology and their interrelationships. *(This course is given in Turkish).*

DYZ101 Hasta Bakım İlkeleri (Principles of Patient Care) (3 credits) Basic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health *(This course is given in Turkish).*

SHT111 Biyokimya (Biochemistry) (3 credits) The purpose of this course is to provide general information about biochemistry and the concept of learning and teaching of chemical structure and properties of biological molecules in living organisms, in addition to learn metabolism, anabolism and catabolism of biochemical reactions. Moreover, this Lesson aims to evaluate the main effective about the human body and animals. During the lectures, students will be taking on have the skills concepts of basic biochemistry, learn about the properties of water and aqueous solutions, chemical structure, properties and metabolism of biological molecules. Finally, students are expected to attend biochemical reactions anabolism and catabolism examination and understanding of the importance to terms of living. *(This course is given in Turkish).*

SHT113 Davranış Bilimleri (Behavioral Sciences) (2 credits) The purpose of this course is to examine the main component of behavioural sciences by analysing the reason for human behavioural nature and provides general information about theoretical subjects of psychology as defence mechanisms, psychology of learning and attitude theorizes. Moreover, it also aims to increase students' knowledge of how social and behavioral scientists discover, describe, and explain the behaviors and interactions among individuals, groups, institutions, events and ideas. Such knowledge will better equip students to understand themselves and the roles they play in addressing the issues facing humanity. *(This course is given in Turkish).*

SHT112 Temel İlkyardım (Basic First Aid) (1 credits) The main aim of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid(*This course is given in Turkish*).

SATA102 Atatürk İlkeleri ve İnkılap Tarihi II (Atatürk Principles And The History Of Turkish Revolution II) (2 credits) (*See General Education*)

STRD102 Türk Dili II (Turkish Language II) (2 credits) (*See General Education*)

DYZ202 Diyaliz I (Dialysis) (5 credits) The clinical presentation of patients undergoing hemodialysis treatment , information about the general characteristics of the machine. and complications that occur during dialysis is intended to help patients to be informed about their studies. (*This course is given in Turkish*)

SHT108 Hastalıklar Bilgisi (Knowledge of Disease) (3 credits) The aim of the fluid electrolyte and acid - base balance, movement disorders, stress , shock, gastrointestinal diseases, endocrine system diseases, cardiovascular diseases , respiratory diseases, immune system diseases, blood diseases, nervous system diseases, dermatological diseases and to introduce students to the prevention of disease. (*This course is given in Turkish*).

AML205 Cerrahi Hastalıklar (Surgical Diseases) (3 credits) Basic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health. (*This course is given in Turkish*).

SHT110 Farmakoloji (Pharmacology) (3 credits) The purpose of this course is to provide general information about the basic concepts of the interactions between the drugs and living organisms and to teach the students about the minimum pharmacological approach about the drugs used in maintenance of health and the treatment of diseases. Moreover, this lecture aims to evaluate the major drug classifications, through the use of prototypes and teach the necessary the drugs for human systems and diseases. (*This course is given in Turkish*).

DYZ207 Nefroloji (Nephrology) (4 credits) The aim of the side effects of kidney disease treatment protocols for acute and chronic kidney failure and teach patient care. (*This course is given in Turkish*)

SHT120 Tıbbi Etik ve Hasta Hakları (Medical Ethics And Patient Rights) (2 credits) This course aims to give the general and medical ethics and basic information about patients' rights . The necessity of taking care obligations in respect of information aims to provide explanatory information. (*This course is given in Turkish*)

DYZ204 Diyaliz Ekipmanları Kullanım ve Bakımları (Dialysis Equipment Operation And Maintenance) (3 credits) The aim of this course , students, the characteristics of the dialysis machine , which can lead to the establishment of damming and the necessary connections It intended to acquire knowledge and skills. (*This course is given in Turkish*).

DYZ205 Diyaliz II (Dialysis II) (5 credits) The aim of hemodialysis and nephrology teach all the necessary initiatives and complications in patients in clinics. *(This course is given in Turkish).*

SYAD201 Yabancı Dil II (Foreign Language II) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing, speaking, reading and perceptipon). *(This course is given in Turkish).*

DYZ201 Dahiliye Hastalıkları (Internal Diseases) (3 credits) The aim of the course is fluid and electrolyte balance, shock, respiratory diseases, heart diseases, nervous system diseases, urinary tract diseases, immune system diseases, to inform the students of blood diseases and continuous patient care and treatment issues. *(This course is given in Turkish).*

SHT116 Enfeksiyon Hastalıkları ve Sterilizasyon Esasları (Inciples of Infection Control and Sterilization) (3 credits) The purpose of this course is to provide information about the sterilization method to promote infection control and to prevent hospital infections. Topics include: operating room, intensive care, intensive care units, the infection, hospital infections, sterilization methots. *(This course is given in Turkish)*

SHT208 Mezuniyet Projesi (Graduation Project) (1 credits) This course aims to help student for application process of their two years education by summarizing their knowledge and from the aspect of each learned concept that they've practice during their education. *(This course is given in Turkish).*

DYZ206 Kronik Hastalıklar Psikolojisi (Chronic Diseases Psychology) (2 credits) The main objective of this course is to introduce students with chronic diseases and to addressing the mental health problems that individuals have in this process. In this sense, it introduced a variety of chronic diseases and disorders that may accompany these mental health problems. On the other hand health psychology and in this course is examined and evaluated within the various models and approaches to the motto of healthy students to communicate with individuals with chronic diseases , approach them with empathy and with students in them given that they use what kind of strategies to cope with the situation they found information aims to support the professional development of. *(This course is given in Turkish).*

SYAD202 Yabancı Dil II (Foreign Language II) (3 credits) The purpose of this course is learning to use the subjects which are below four talent (writing,speaking, reading and perceptipon)*(This course is given in Turkish).*

ELECTIVES

IAY109 Afet Bilgisi (Disaster Information) (3 credits) This course aims to teach a supportive planning procedure in natural disaster process from the aspect of negative effects as physical, economic, social psychological. It also aims to provide general information about constructing a defence mechanism and coping methods in this period by using local sources and human supports . *(This course is given in Turkish).*

SHT203 Araştırma Yöntem ve Teknikleri (Research Methods and Techniques) (3 credits) The purpose of this course is to provide general knowledge about research techniques for conducting proper research. Moreover, this course also aims to demonstrate two basic types of researches as qualitative and

quantitative research methods. At the end of this course students are expected to conduct experimental work by using both these theories. *(This course is given in Turkish).*

SKI204 Bilgi ve İletişim Teknolojileri (Information and Communication Technologies) (3 credits)

The purpose of this course is to comprehend the importance of basic information technology. Computer hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. *(This course is given in Turkish)*

SBLG101 Bilgisayara Giriş (Basic Computer Skills) (3 credits)

The purpose of this course is to this lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SHT104 Biyoistatistik (Biostatistics) (3 credits)

The purpose of this course is to we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

SHS258 Çevre ve Sosyal Sorumluluk (Environmental & Social Responsibility) (3 credits)

The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environmental Health) (3 credits)

The purpose of this course is to general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

CGL108 Eğitim Becerileri (Educational Skills) (3 credits)

This Lecture provides general information about child development that related to physical, cognitive and sexual development. Moreover, this lecture also focuses on family attitudes towards children's behaviours, and evaluates a considerable amount of subjects such as child abuse, family dynamics and violence among family members. *(This course is given in Turkish)*

TBD102 Etkili ve Güzel Konuşma Teknikleri (Effective Speech Techniques) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication; effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SKI206 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. *(This course is given in Turkish)*

SKI208 Müşteri İlişkileri Yönetimi (Consumer Relations Management) (3 credits) The purpose of this course, the health sector expectations and in line with the trend showing the lifelong development needs, have sufficient knowledge and skills in the field of differentiated and train medical secretaries. in health care facilities that can be executed by the secretariat services; diagnosis of diseases, capable of recording transactions related to diagnosis and treatment, medical, capable of preparing administrative and statistical documents, which can be archived by editing documents, edit and archive, which can improve patient acceptance and preparing patients for examination and file operations, medical and findings obtained in scientific research in various fields of medical technology compilation, layout and so offer to put at the service of researchers. fulfilling tasks efficiently qualified to train their communication and health technicians with a strong sense of responsibility. *(This course is given in Turkish).*

IAY207 İleri Sürüş Teknikleri (Advanced Driving Techniques) (3 credits) *(See General Education)*

SHT201 Halk Sağlığı (Public Health) (3 credits) This course aims to provide general information for students that related to public health define its termination as mother-child health, adolescence health, work health and family planning and health education. *(This course is given in Turkish)*

SHS259 İş Sağlığı ve Güvenliği (Occupational Health and Safety) (3 credits) The aim of this lecture is to provide basic knowledge in order to protect themselves in working environments such as health services. Moreover, it also aims to analyse the basic proactive techniques in working environment, the basic responsibilities of employer, the general expectancies of employee and the differences between employer's expectancies. *(This course is given in Turkish)*

ODY105 İşaret Dili (Sign Language) (3 credits) The aim of this course is to demonstrate basic sign language by using mimics jests and main characteristics of this language. Moreover, this course also aims to provide the basic knowledge about Turkish sign language and world sign language and their similarities and differences in accordance to today's sign international sign language. It also aims to provide basic grammar rules about sign language and its constructions. *(This course is given in Turkish)*

TLT101 Genel Biyoloji (General Biology) (3 credits) The aim of this course is to define basic terms that related to biology as carbohydrates, lipids, proteins, nucleic acids, cell and its construction, biological membrane, cell cytoplasm, cytokinesis and nuclear divisions, DNA RNA, protein synthesis, genetic illnesses, genetic vulnerability and the other biological concepts. *(This course is given in Turkish).*

SHT107 Temel Fizik (Basic Physics) (3 credits) The purpose of this course is to provide a thorough introduction to classical physics .Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

TBD106 Kişilerarası İlişkiler (Interpersonal Relationship) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SKI208 Müşteri İlişkileri Yönetimi (Consumer Relations Management) (3 credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

SHS260 Psikolojik Danışmanlık ve Rehberlik (Psychological Counselling and Guidance) (3 credits) This course aims to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 credits) The purpose of this course is to demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Services) (3 credits) The purpose of this course is to provide the basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetleri Pazarlama (Marketing In Health Services) (3 credits) The purpose of this course is to; The advantages of marketing activities in health institutions; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, implementing, evaluating and controlling; health care purchasing behavior of buyers and decision-making processes; factors affecting the satisfaction of the consumers, the marketing strategy for corporate image transmission

development for health services is to inform about the basic principles for the development. *(This course is given in Turkish)*

SHT206 Sağlık Hukuku ve Mevzuatı (Health Law And Legislation) (3 credits) The purpose of this course is to identifying the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish)*

SKI102 Sağlık Kurumları Yönetimi (Health Institutions Management) (3 credits) The purpose of this course is to Health Care Management provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Health) (3 credits) The purpose of this course is to basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SHS261 Sosyal Hizmetler (Social Services) (3 credits) The purpose of this course is to define construction of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate. *(This course is given in Turkish)*

SKI209 Stres Yönetimi (Stress Management) (3 credits) *(See General Education)*

SKI101 Yönetim ve Organizasyon (Management and Organization) (3 credits) The purpose of this course is to provide general information about management and organization systems by using different aspects of business sciences. Moreover, it also demonstrate the main cg-characteristics of a business from the aspect of a manager. *(This course is given in Turkish)*

SMAT101 Matematik (Mathematics) (3 credits) The aim of this course is to demonstrate basic math problem solving methods and to define basic terms as EBOB- EKOK rational numbers, real numbers and absolute value, multiplicity terms, exponential numbers and equation terms. *(This course is given in Turkish)*

SISL102 Temel İşletme (Basic Business) (3 credits) The aim of the establishment of business students , the basic concepts of business management and continuity and to assist in working life , to gain competencies in the application (*This course is given in Turkish*).

SHT212 Tıbbi İngilizce I (Medical English I) (3 credits) (*See General Education*)

SHT213 Tıbbi İngilizce II (Medical English II) (3 credits) (*See General Education*)

SHT124 Genel Kimya (Basic Chemistry) (3 credits) This course aims to help student for developing their basic knowledge level in both applying and theoretical course and provide basic information that related to those courses. (*This course is given in Turkish*)

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) (*See General Education*)

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) (*See General Education*)

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) (*See General Education*)

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) (*See General Education*)

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) (*See General Education*)

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) (*See General Education*)

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) (*See General Education*)

Disaster and Emergency Management (Turkish)

About Program

The purpose of this program during natural disasters and emergency work will continue after equipped to train health staff. This program provides students with emergency management approach to provide as well as their analytical and advancing communication skills and get them emergency medical services, fire safety, evacuation is to develop in a variety of career paths including the pre-disaster planning and legal basis.

Objectives

Turkey's, because of the earthquake, such as geographic area at risk for natural disasters, it is vital for society needs well-trained staff who will take the initiative in the event of a disaster. Both active lecturers and academics through practical deem valuable both during their studies, students develop themselves professionally qualified.

The total credits required for the satisfactory completion of the curriculum are 70 credits. The program additionally requires one internships enduring 30 work days.



CURRICULUM**1st SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve İnkılâp Tarihi I	Yes	Yes	2 + 0	2
SHT105	Anatomi ve Fizyoloji	Yes	Yes	3 + 0	3
AAAY101	Afet Yönetimine Giriş	Yes	Yes	2 + 0	2
AAAY101	Afetlerde Kimyasal, Biyolojik, Radyoaktif, Nükleer Tehlikeler	Yes	Yes	2 + 0	2
İAY105	Beden Eğitimi ve Vücut Geliştirme	Yes	Yes	1 + 4	3
SHT112	Temel İlk Yardım	Yes	Yes	1 + 0	1
AAAY103	Doğada Yaşam ve Hayatta Kalma	Yes	Yes	3 + 0	3
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
Total					18

2nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve İnkılâp Tarihi II	Yes	Yes	2 + 0	2
AAAY102	Afet Yönetimine Giriş-2	Yes	Yes	2+ 0	2
AAAY104	Afetlerde Salgın Hastalıklar	Yes	Yes	2+ 0	2
SGSA101	Güzel Sanatlar (Alan Seçmeli)	Yes	Yes	3 + 0	3
AAAY106	Acil Durum ve Afet Planlaması	Yes	Yes	2+ 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
SHS259	İş Sağlığı ve Güvenliği	Yes	Yes	3 + 0	3
SHS251	Seçmeli Ders I	Yes	Yes	3 + 0	3
Total :					19

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3rd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
AAAY211	Raporlama ve Kayıt Tutma	Yes	Yes	2+ 0	2
AAAY205	Afetlerden Korunma ve Önleme Teknikleri	Yes	Yes	3 + 0	3
AAAY207	Olay Yönetim Sistemleri	Yes	Yes	2+ 0	2
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
SHS252	Seçmeli Ders II	Yes	Yes	3 + 0	3
AAAY255	Arama, Kurtarma ve Kurtarma Araçları	Yes	Yes	3 + 4	5
Total :					18

4nd SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
AAAY208	Afet ve Acil Durum Mevzuatı	Yes	Yes	2 + 0	2
AAAY110	Afet ve Acil Durum Psikolojisi	Yes	Yes	2 + 0	2
AAAY254	Afetlerde Haberleşme	Yes	Yes	2 + 0	2
SHT208	Yabancı Dil II	Yes	Yes	0 + 2	1
SYAD202	Seçmeli Ders III	No	Yes	3 + 0	3
SHS253	Mezuniyet Projesi	No	Yes	3+ 0	3
AAAY214	Senaryo Hazırlama Teknikleri ve İhtiyaç Tespitleri	No	Yes	2+ 0	2
Total :					15

4nd Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SHT104	Biyoistatistik	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3
CGL108	Eğitim Becerileri	No	Yes	3 + 0	3
TBD102	Etkili ve Güzel Konuşma Teknikleri	No	Yes	3 + 0	3
SKI206	Girişimcilik	No	Yes	3 + 0	3
SHT201	Halk Sağlığı	No	Yes	3 + 0	3
SKİ208	Hastane Bilgi İşlem Sistemleri	No	Yes	3 + 0	3
İAY207	İleri Sürüş Teknikleri	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3

4nd Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
AAAY215	İtfaiyecilik ve Yangın Güvenliği	No	Yes	3 + 0	3
SKI208	Kişilerarası İlişkiler	No	Yes	3 + 0	3
SHS260	Müşteri İlişkileri Yönetimi	No	Yes	3 + 0	3
SHT122	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
SKI207	Sağlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Sağlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3
SHT206	Sağlık Hukuku ve Mevzuatı	No	Yes	3 + 0	3
AYY220	Risk ve Kriz Yönetimi	No	Yes	3 + 0	3
SKI205	Sağlık İletişimi	No	Yes	3 + 0	3
SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	3
SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SKI108	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3
SKI172	Sağlıkta Kişiler arası İlişkiler	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SKI208	Sağlık Eğitimi	No	Yes	3 + 0	3
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4nd Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SHS261	Sosyal Hizmetler	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SISL102	Temel İşletme	No	Yes	3 + 0	3
SHT212	Tıbbi İngilizce I	No	Yes	3 + 0	3
SHT213	Tıbbi İngilizce II	No	Yes	3 + 0	3
Grand Total :					70

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I (Principles of Atatürk & History of Turkish Revolution I) (2 credits) *(See General Education)*

STRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education)*

SHT105 Anatomi ve Fizyoloji (Anatomy and Physiology) (3 credits) The purpose of this course is designed to present a comprehensive study of the anatomy and physiology of the human body. Topics include body organization; homeostasis; cytology; histology; and the integumentary, skeletal, muscular, nervous systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their inter relationships. *(This course is given in Turkish)*

AYY101 Afet Yönetimine Giriş (Introduction to Disaster Management I) (2 credits) Disaster definition, disaster types, natural disasters, man-made disasters, residential area selection, municipal layout tasks on, the administrative impact on the layout, the central administration of the settlement plan, the impact on the use of natural resources, man-made behavior in disasters of large structures, the disaster training requirements, risk statements, integrated disaster management. *(This course is given in Turkish)*

AYY113 Afetlerde Kimyasal, Biyolojik, Radyoaktif, Nükleer Tehlikeler (Chemical, Biological, Radioactive, Nuclear Hazards at Disaster) (2 credits) Chemical, biological, nuclear weapons definition, history, classification, usage forms, their effects on human, specific defense systems and methods of treatment, equipment should have defenders staff characteristics and use of space isolation and decontamination methods. *(This course is given in Turkish)*

IAY105 Beden Eğitimi ve Vücut Geliştirme (Physical Education and Body Building) (3 credits) Basic information be given about athletics, giving basic information about the gymnastics, giving basic information about Football Branch, giving basic information about Volleyball Branch, giving basic information about Handball Branch, giving basic information about Swimming sectors, giving basic information about Tennis Branch. *(This course is given in Turkish)*

SHT112 Temel İlk Yardım (Basic First Aid) (1 credits) The purpose of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid *(This course is given in Turkish)*.

AAAY103 Doğada Yaşam ve Hayatta Kalma (Life and Survival in Nature) (3 credits) The materials are used in their natural environment, survival conditions, personal safety equipment, compass and map information, geographic location. *(This course is given in Turkish)*

SATA102 Atatürk İlkeleri ve İnkılap Tarihi II (Principles of Atatürk & History of Turkish Revolution II) (2 Credits) *(See General Education)*

STRD102 Türk Dili II (Turkish Language II) (2 Credits) *(See General Education)*

AAAY102 Afet Yönetimine Giriş-2 (Introduction to Disaster Management) (2 credits) Disaster management model in Turkey since the Republican period, the management models in disasters. *This course is given in (This course is given in Turkish)*

SGSA101 Güzel Sanatlar (Fine Arts) (3 credits) The purpose of this course is to provide general knowledge that related architecture as a subtype of fine arts. It also aims to help students to criticize their environment from the aspect of different architectural concepts *(This course is given in Turkish).*

AAAY106 Acil Durum ve Afet Planlaması (Emergency and Disaster Planning) (2 credits) Crisis management, risk and risk management, risk management models, the scene of risk assessment, disaster elements help manage the situation in management short comings, disaster management and planning elements of planning the rest of disaster management, disaster management, and the importance of civil society organizations in planning, disaster management hierarchy, suitable role model in disaster management planning, disaster planning, system configuration. *(This course is given in Turkish)*

SHS259 İş Sağlığı ve Güvenliği (Occupational Health and Safety) (3 credits) The purpose of this course is to provide especially in the working environment in the hospital setting to convey information about their personal protection methods. On the other hand the business environment protection methods, responsibilities to the worker's place of work, examining issues such as the interest of the safety of workers and employers expectations expectancy is among the topics *(This course is given in Turkish)*

AAAY 211 Raporlama ve Kayıt Tutma (Reporting and Record-Keeping) (2 credits) Reports and reporting definitions and techniques of reporting purpose and importance, the nature of the report, the report layout, stages of report writing, reporting standardization, standard file plan, incoming and outgoing paperwork, filing. *(This course is given in Turkish)*

AAAY205 Afetlerden Korunma ve Önleme Teknikleri (Protection and Prevention Techniques of Disaster) (3 credits) Necessary to protect the earthquake, necessary to protect from erosion, necessary to protect the flood, necessary to protect the Landslide, work needs to be done to prevent forest fires, ways of protection from tsunamis, avalanche protection paths, ways of protection from lightning, ways of protection from storm *(This course is given in Turkish)*

AAAY207 Olay Yönetim Sistemleri (Event Management Systems) (2 credits) Event management system, EMS core functions, Event Manager and Administration Functions of the General Staff Functions, EMS facilities, general responsibilities, leadership and management, authority and management of the target connected as the delegation of authority and management of the target Depend delegation, functional areas and positions, briefings, organizational flexibility, speed management. *(This course is given in Turkish)*

AAAY 255 Arama, Kurtarma ve Kurtarma Araçları (Search, Rescue and Rescue Tools) (2 credits) Indoor and outdoor pile node Camadan node, Sweden seat, Karabina eight and rollers, stations up and down injured ups, overhead lines forming and evacuation, stretchers preparation, food logistics, strength, gait and movement, set up a crisis center and reconnaissance work, search rescue drill, drill night, life and sustain navigation. *(This course is given in Turkish)*

SYAD201 Yabancı Dil I (Foreign Language I) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing,speaking, reading and perceptipon) (*This course is given in Turkish*)

AAAY208 Afet ve Acil Durum Mevzuatı (Disaster and Emergency Legislation) (2 credits) Rules of social order and the rule of law, sources of law rules and classification of constitutional principles and fundamental rights and mission, private law and public law division, branch and hierarchy of norms, emergency and basic legal regulations related to disaster management, and emergency and disaster management related Laws, emergency and related laws with disaster management, emergency and related laws with disaster management, emergency and Regulations with disaster management, emergency and Regulations with disaster management, emergency and Decree in the relevant Law and disaster management, Cabinet Decisions and Regulations, the relevant Directives and emergency and disaster management, Circulars, Communiqués. (*This course is given in Turkish*)

AAAY110 Afet ve Acil Durum Psikolojisi (Disaster and Emergency Psychology) (2 credits) Introduction to Psychology, associate with the Introduction of the course and Disaster, Post-Disaster Psychological Intervention Program, post-traumatic stress disorder, Secondary indirect trauma, Psychological Assessment of traumatic experiences, Managing the Loss and Grief Period, Posttraumatic Growth and Development, neglected children and abuse, disasters and epidemics diseases, Disasters and Migration, Disaster other vulnerable groups (the elderly, the disabled ...) impact manageability. Disaster coping methods. (*This course is given in Turkish*)

AAAY254 Afetlerde Haberleşme (communication in disasters) (2 credits) Elements of communication systems, the relation of bandwidth, energy and power spectral density, linear systems in amplitude and phase distortion, linear modulation techniques, Amplitude modulation, double sideband modulation, single and vestigial sideband modulation, frequency modulation techniques, phase and frequency modulation, FM the generation and demodulation of signals, stereo FM frequency division multiplexing, superheterodyne receiver, communications organization in disasters. (*This course is given in Turkish*)

AAAY214 Senaryo Hazırlama Teknikleri ve İhtiyaç tespitleri (Scenario Preparation Techniques and identify needs) (2 credits) Scenario creation, purpose and importance of the script, create the correct scenario techniques, Community exercise and exercise program, table-top exercises, functional exercises, actual size, in practice, the purpose of the needs assessment, needs assessment areas, the duties of the core team of emergency response priorities, pre-determined-front identify institutions that perform the following actions, Emergency report. (*This course is given in Turkish*)

SHT208 Mezuniyet Projesi (Graduation Project) (1 credits) This course aims to help student for application process of their two years education by summarizing their knowledge and from the aspect of each learned concept that they've practice during their education. (*This course is given in Turkish*)

SYAD202 Yabancı Dil II (Foreign Language II) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing,speaking, reading and perceptipon) (*This course is given in Turkish*)

ELECTIVES

IAY109 Afet Bilgisi (Disaster Information) (3 credits) The purpose of this course is to provide a supportive planning procedure in natural disaster process from the aspect of negative effects as physical, economic, social psychological. It also aims to provide general information about constructing a defence mechanism and coping methods in this period by using local sources and human supports. *(This course is given in Turkish)*

SHT203 Araştırma Yöntem ve Teknikleri (Research Methods and Techniques) (3 credits) The purpose of this course is to provide general knowledge about research techniques for conducting proper research. Moreover, this course also aims to demonstrate two basic types of researches as qualitative and quantitative research methods. At the end of this course students are expected to conduct experimental work by using both these theories. *(This course is given in Turkish)*

DYZ104 Beslenme İlkeleri (Nutrition Principles) (3 credits) The aim of this course is to define nutrition concepts and its variety for student. Healthy and unhealthy nutrition principles, protein focused nutrition principles and its strengths and limitations, carbohydrate focused nutrition principles and its strengths and limitations, a variety of dietary principles and to provide basic info about nutrition terms. *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojileri (Data and Process Technology) (3 credits) The purpose of this course is to comprehend the importance of basic information technology. Computer hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. *(This course is given in Turkish).*

SHT104 Biyoistatistik (Biostatistics) (3 credits) The purpose of this course is to provide we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

AYY220 Risk ve Kriz Yönetimi (Risk and crisis management) (3 credits) Risk concept, the importance of risk management, risk, uncertainty theory and prediction, estimation methods, crisis management, crisis, crisis symptoms and detection, proactive approach reactive approach, awareness and blindness in crisis, crisis preparedness and prevention, taken under the crisis control and strategies, a return to normality, learning and assessment. *(This course is given in Turkish)*

AAAY215 İtfaiyecilik ve Yangın Güvenliği (Fire Fighting and Fire Safety) (3 credits) Personal protective equipment, fire fighting equipment, rescue equipment, first aid equipment, response vehicles, rescue vehicles, support tools, control tools NBC, NBC decontamination tools, crisis desk management tools. *(This course is given in Turkish)*

SHS258 Çevre ve Sosyal Sorumluluk (Environment and Social Responsibility) (3 credits) The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the

water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, air pollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environmental Health) (3 credits) The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, air pollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish).*

CGL108 Eğitim Becerileri (Education Skills) (3 credits) The purpose of this course is to provide students, is necessary to cause pre-school education, the training must go through a special training people reason to give this training while methods for answering questions such as what are to be used, on the other hand, healthy and how does it achieve lasting knowledge, positive training atmosphere How to create the issues it aims to inform. *(This course is given in Turkish).*

TBD102 Etkili ve Güzel Konuşma Teknikleri (Effective Speaking Techniques) (3 credits) *(See General Education)*

SKI206 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. *(This course is given in Turkish)*

SHT201 Halk Sağlığı (Public Health) (3 credits) The purpose of this course is to provide general information for students that related to public health define its termination as mother-child health, adolescence health, work health and family planning and health education. *(This course is given in Turkish)*

ODY105 İşaret Dili (Sign Language) (3 credits) The purpose of this course is to demonstrate basic sign language by using mimics jests and main characteristics of this language. Moreover, this course also aims to provide the basic knowledge about Turkish sign language and world sign language and their similarities and differences in accordance to today's sign international sign language. It also aims to provide basic grammar rules about sign language and its constructions. *(This course is given in Turkish)*

TBD106 Kişilerarası İlişkiler (Interpersonal Relationship) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues *(This course is given in Turkish)*

SKI208 Müşteri İlişkileri Yönetimi (Customer Relations Management) (3 credits) The purpose of this course is to provide emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 credits) The purpose of this course is to demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Services) (3 credits) The purpose of this course is to provide in the basic concepts required for modern logistics management approaches and Strategies needed in managing today's health, to gain knowledge and skills . Effective production of health services , in order to maintain efficient and uninterrupted right input at the right time , in the right quantity, at the right conditions and be involved in the process to is ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing In Health Services) (3 credits) The purpose of this course is to ; The Advantages of marketing activities in health Institutions ; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, Implementing , Evaluating and controlling ; health care purchasing behavior of buyers and decision-making Processes ; Factors affecting the satisfaction of the consumers , the marketing strategy for corporate image transmission development for health services is to inform about the basic Principles for the development . *(This course is given in Turkish)*

SHT206 Sağlık Hukuku ve Mevzuatı (Health Law and Legislation) (3 credits) The purpose of this course is to identify the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to provide effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish).*

SKI102 Sağlık Kurumları Yönetimi (Health Institutions Management) (3 credits) The purpose of this course is to Health Care Management Provides a framework for addressing problems in health care management Organizations. By the end of the course it will have been exposed to many management ideas, Theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the Importance. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Health) (3 credits) The purpose of this course is to basic concepts required for modern logistics management approaches and strategies needed

in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train (*This course is given in Turkish*).

SHT122 Sağlık Eğitimi (Health Education) (3 credits) The purpose of this course is to teach the Education and training concepts, usage of tools and technology in education, Health Education, Health Education with Adults, Health Education with Children, Health Behaviour and Health Education, Planning Health Education in Basic Healthcare Services, Health Education with Communities, Group Presentation and Discussion. (*This course is given in Turkish*)

SHS261 Sosyal Hizmetler (Social Services) (3 credits) The purpose of this course is to definition of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate. (*This course is given in Turkish*)

SKI209 Stres Yönetimi (Stress Management) (3 credits) (*See General Education*)

SKI208 Hastane Bilgi İşlem Sistemleri (Hospital Computing Services) (3 credits) The purpose of this course is to develop the skills of a medical secretary who have gained advanced knowledge, skills and experience, tends to develop all time, creates difference according to the expectations and needs of the healthcare sector. (*This course is given in Turkish*)

SISL102 Temel İşletme (Basic Business) (3 credits) The purpose of this course is to provide the establishment of business students, the basic concepts of business management and continuity and to assist in working life, to gain competencies in the application. (*This course is given in Turkish*).

SKI101 Yönetim ve Organizasyon (Management an Organization) (3 credits) The aim of this course; Management considerations relating to the management company under the discipline occurred in the last century, the theory discussions, current critics and new approaches is the content of the course. The goal of management trainees to acquire knowledge related to intellectual evolution of management is to improve discipline and foresight. (*This course is given in Turkish*)

SHT212 Tıbbi İngilizce I (Medical English I) (3 Credits) (*See General Education*)

SHT213 Tıbbi İngilizce II (Medical English II) (3 Credits) (*See General Education*)

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) (*See General Education*)

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) (*See General Education*)

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) (*See General Education*)

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) (*See General Education*)

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) (*See General Education*)

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) (*See General Education*)

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) (*See General Education*)

Electroneurophysiology (Turkish)

About Program

The aim of this program is to train electroneurophysiology technicians that will be able to use electroneurophysiology methods under the supervision of medical staff for the diagnosis and for the follow-up of neurological diseases effecting the cognitive and behavioral functions of the brain.

Students who graduate from this department may work in health departments such as neurology, psychiatry, peditry, physiology and respiratory system diseases as well as electroencephalography and sleep therapy units of hospitals under the supervision of a specialist. Moreover, graduates may also carry out scientific research as an electroneurophysiology technician.

Goals

The aim of this program is to train electroneurophysiology technicians that will be able to use electroneurophysiology methods under the supervision of medical staff for the diagnosis and for the follow-up of neurological diseases effecting the cognitive and behavioral functions of the brain.

Objectives

Students who graduate from this department may work in health departments such as neurology, psychiatry, peditry, physiology and respiratory system diseases as well as electroencephalography and sleep therapy units of hospitals under the supervision of a specialist. Moreover, graduates may also carry out scientific research as an electroneurophysiology technician.

The total credits required for the satisfactory completion of the curriculum are 78 credits. The program additionally requires one internships enduring 20 work days.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve Inkilap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
ELN103	Elektronörofizyoloji I	Yes	Yes	3 + 0	3
SHT107	Temel Fizik	Yes	Yes	3 + 0	3
SHT101	Anatomi	Yes	Yes	2 + 2	3
SHT102	Fizyoloji	Yes	Yes	3 + 0	3
SHS251	Seçmeli Ders I	Yes	Yes	3 + 0	3
SHT112	Temel İlk Yardım	Yes	Yes	1 + 0	1
Total					20

2ND SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve Inkilap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
ELN102	Biyofizik	Yes	Yes	3 + 0	3
ELN104	Elektronörofizyoloji II	Yes	Yes	1 + 8	5
ELN110	Nörofarmakoloji	Yes	Yes	2 + 0	2
ELN106	Kognitif Nörofizyoloji	Yes	Yes	2 + 0	2
ELN101	Nöroloji I	Yes	Yes	2 + 0	2
SHT120	Tıbbi Etik ve Hasta Hakları	Yes	Yes	2 + 0	2
ELN106	Nörofizyoloji	Yes	Yes	3 + 0	3

[+] 2nd Semester Elective Course List

Total :	21
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3TH SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ELN108	Nöroloji II	Yes	Yes	2 + 0	2
ELN202	Uyandırılmış Potansiyeller	Yes	Yes	2 + 4	5
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
ELN109	Nörofizyoloji Cihaz ve Ekipman teknolojileri	Yes	Yes	3 + 2	4
SGSA101	Güzel Sanatlar	Yes	Yes	3+0	3
SHS252	Seçmeli Ders II	Yes	Yes	3+0	3
Total					19

4TH SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
ELN208	Polisomnografi	Yes	Yes	1 +84	5
ELN114	Nörolojik Hastalıklar ve Elektronörofizyoloji	Yes	Yes	3 +08	3
SHT208	Mezuniyet Projesi	Yes	Yes	0 + 2	1
SYAD201	Yabancı Dil II	Yes	Yes	3 + 0	3
ELN210	Kognitif Nörofizyoloji	Yes	Yes	3 + 0	3
SHS253	Seçmeli Ders III	Yes	Yes	3+0	3
Total					18

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
SHT203	Araştırma teknikleri ve Yöntemleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3
SKI204	İletişim ve Bilgi Sistemleri	No	Yes	3 + 0	3
SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluklar	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3

CGL108	Eđitim Becerileri	No	Yes	3 + 0	3
TBD102	İletiřim Becerileri	No	Yes	3 + 0	3
SKI206	Giriřimcilik	No	Yes	3 + 0	3
SHT201	Halk Saęlıęı	No	Yes	3 + 0	3
SKI208	Hastane Bilgiřlem Sistemleri	No	Yes	3 + 0	3
IAY207	Sürüş Teknikleri	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SHS259	İř Saęlıęı ve Güvenlik	No	Yes	3 + 0	3
ODY105	İřaret Dili	No	Yes	3 + 0	3
SISL102	Tenmel İřletme	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
TBD106	Kiřilerarası İliřkiler	No	Yes	3 + 0	3
SKI212	Müşteri İliřkileri Yönetimi	No	Yes	3 + 0	3
SHS260	Psikolojik Danıřmanlık	No	Yes	3 + 0	3
SHT122	Saęlık Eđitimi	No	Yes	3 + 0	3
SKI207	Saęlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Saęlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3
SHT206	Saęlık Hukuku ve Mevzuatı	No	Yes	3 + 0	3
SKI205	Saęlık İletiřimi	No	Yes	3 + 0	3
SKI102	Saęlık Kurumları Yönetimi	No	Yes	3 + 0	3
SKI106	Saęlık Sigortacılıęı	No	Yes	3 + 0	3
SKI108	Saęlık Sosyolojisi	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SKI110	Sağlık Hizmetlerinde Kalite	No	Yes	3 + 0	3
SHS261	Sosyal Servisler	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SHT202	Tıbbi İngilizce	No	Yes	3 + 0	3
SKI101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
SMAT101	Matematik	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
SGSA113	Güzel Sanatlar- Sağlık ve Mimarlık	No	Yes	3 + 0	3
SGSA103	Güzel Sanatlar-Tıp Fotoğrafçılığı	No	Yes	3 + 0	3
SGSA105	Güzel Sanatlar-Tıp Ressamlığı	No	Yes	3 + 0	3
SGSA107	Güzel Sanatlar- Sağlık ve Tiyatro	No	Yes	3 + 0	3
SGSA109	Güzel Sanatlar Sağlık Kültürü	No	Yes	3 + 0	3
SGSA115	Güzel Sanatlar- Sağlık ve Sinema	No	Yes	3 + 0	3
Grand Total					78

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve Inkılap Tarihi I (Principles of Atatürk & History of Turkish Revolution I) (2 credits) *(See General Education)*

STRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education)*

SHT112 Temel İlk Yardım (Basic First Aid) (1 credits) The main aim of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish)*

SHT107 Temel Fizik (Basic Physics) (3 credits) The purpose of this course is to provide a thorough introduction to classical physics. Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

SHT101 Anatomi (Anatomy) (3 credits) The aim of this course; presents a systemic approach to the study of the human body. Lecture presentation begins with an introduction of anatomical terminology and an overview of cellular processes and tissue classification. Students then learn the gross and microscopic anatomy of the following systems: integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, and reproductive. The laboratory component of the course generally parallels and reinforces lecture concepts through the use of models, histological slides, skeletal and the other anatomical materials. Students also attend two 2-hour labs per week. *(This course is given in Turkish)*

SHT102 Fizyoloji (Physiology) (3 credits) The aim of this course; presents a comprehensive study of the basic anatomy and physiology of the human body. This course also designed to be understood the complexities of the cells, tissues, and major organs and systems of the human body. Topics include body organization; homeostasis; basic histology; and skeletal, muscular, joint, cardiovascular, blood, immune, respiratory, endocrine, excretory, reproductive, nervous, sensory, digestive systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of basic anatomy and main physiology and their interrelationships. *(This course is given in Turkish)*

ELN103 Elektronörofizyoloji I (Electroneurophysiology I) (3 credits) The purpose of this course is to prepare students to be familiar with the theoretical basis of the electroneurophysiology on one hand and teach them to use neurophysiological methods needed for analysis of cognitive and behavioral functions in brain and determination of the diseases constituted by disruption of these functions via supervision of specialist doctors. Through chapters, readings, and case analyses, we will work on the matters related to electroneurophysiological aspects of the diseases and the responsibilities and duties of the technicians. *(This course is given in Turkish)*

SATA102 Atatürk İlkeleri ve Inkılap Tarihi II (Principles of Atatürk & History of Turkish Revolution II) (2 credits) (*See General Education*)

STRD102 Türk Dili II (Turkish Language II) (2 credits) (*See General Education*)

ELN102 Biyofizik (Biophysics) (3 credits) The purpose of this course is to gain that principle function of laser; formation and properties of ultrasound with the use of these features in medicine and explanation of the research areas; understanding of the cybernetic concept and specifying the importance of the clinical use through determining the research areas; determining the basic biophysical properties of protection from radiation use of radionuclides in medicine in vitro-in vivo conditions; the importance of optimization of necessary radiation dose in the treatment planning; education of study areas and biophysical principles of medical imaging methods as endoscopy, x-ray, computed tomography (CT), magnetic resonance imaging (MRI), SPECT and PET techniques. (*This course is given in Turkish*)

ELN104 Elektronörofizyoloji II (Electroneurophysiology II) (9 credits) The purpose of this course is to designed to prepare students to be familiar with the theoretical basis of theelectroneurophysiology on one hand and teach them to use neurophysiological methods needed for analysis of cognitive and behavioral functions in brain and as well the peripheral nervous system and determination of the diseases constituted by distruption of these functions via supervision of specialist doctors.Through chapters, readings, and case analyses, we will work on the mattersrelated to electroneurophysiological aspects of the diseases and the responsibilities and duties of the technicians. (*This course is given in Turkish*) *Prerequisite: ELN103*

ELN110 Nörofarmakoloji (Neuropharmacology) (2 credits) This Lecture provides general information about the basic concepts of the interactions between the drugs and living organisms and to teach the students about the minimum pharmacological approach about the drugs used in maintenance of health and the treatment of diseases.Moreover, this lecture aims to evaluatesthe major drug classifications, through the use of prototypes and teach the necessary the drugs for human systems and diseases. (*This course is given in Turkish*)

ELN101 Nöroloji I (Neurology I) (2 credits) The purpose of this course is to provide a basic overview of the most common and important neurological diseases and conditions affecting people worldwide: stroke, epilepsy, headache, back pain, neurodegenerative diseases, movement disorders, alterations of consciousness, nervous system infections, traumatic brain injury, and neuromuscular diseases.The teachers will focus on the fundamentals of the clinical presentation and evaluation of people with these disorders, as well as some of the additional diagnostic approaches and options for treatment. (*This course is given in Turkish*)

SHT120 Tıbbi Etik ve Hasta Hakları (Medical Ethics and Patient Rights) (2 credits) The purpose of this course is to provide medical ethics and to the general and basic information about patients' rights. The necessity of taking care obligations in respect of information aims to provide explanatory information. (*This course is given in Turkish*)

ELN106 Nörofizyoloji (Neurophysiology) (3 credits) The purpose of this course is to learn brain mechanisms in sensation and perception are analyzed in detail for vision, hearing and touch, and for the position sense arising from muscles, joints and the vestibular apparatus. The sensorimotor mechanisms responsible for the control of fine movement and postural regulation are also studied at different levels of the nervous system, from the sensory and motor nerves within muscles through to the highest levels

of cerebral cortical function. Segments are also included on nerve transmitters and neuromodulators; neural mechanisms in certain higher functions, eg language and memory; and nervous system plasticity. *(This course is given in Turkish)*

ELN108 Nöroloji I (Neurology II) (2 credits) The purpose of this course is to provide a basic overview of the most common and important neurological diseases and conditions affecting people worldwide: stroke, epilepsy, headache, back pain, neurodegenerative diseases, movement disorders, alterations of consciousness, nervous system infections, traumatic brain injury, and neuromuscular diseases. The teachers will focus on the fundamentals of the clinical presentation and evaluation of people with these disorders, as well as some of the additional diagnostic approaches and options for treatment. *(This course is given in Turkish. Pre-requisite ELN101)*

ELN202 Uyandırılmış Potansiyeller (Evoked Potentials) (4 credits) The aim of this course is to inform the students who are going to be electroneurophysiology technicians on the evoked potentials, its principles of functioning, the areas that EPs are being used and to show them the usage of EPs on daily clinical practices. *(This course is given in Turkish)*

SYAD201 Yabancı Dil I (Foreign Language I) (3 credits) The purpose of this course is learning to use the subjects which are below four talent (writing, speaking, reading and perception)

ELN109 Nörofizyoloji Cihaz ve Ekipman Teknolojileri (Neurophysiological Equipment and Technologies) (4 credits) The aim of this course is to familiarize the students with the equipments and Technologies that are being used in the field of electroneurophysiology and to give them a better understanding of the assistance of these equipments for the diagnosis and follow up of neurological diseases. A system will be used in order to let the students freely participate to the utilizations of the equipments. *(This course is given in Turkish)*

SGSA101 Güzel Sanatlar (Fine Arts) (3 credits) This course is designed to evaluate 20th century art historically in the context of Modernism. Through chapters, readings, and case analyses, we will focus on key moments and stylistic trends, as well as, social and cultural relationships in the history of modern art from the late 19th century to mid 20th century. During the lectures, students will be exposed to the subject by means of text, lecture, discussion, and use of audio/visual resources. *(This course is given in Turkish)*

ELN208 Polisomnografi (Polysomnography) (9 credits) The purpose of this course is to teach a detailed study of the integrated structure and function of the cardiopulmonary and neuromuscular systems as they relate to sleep pathology. The origin and interpretation of the electrical signals generated throughout the body that reflect states of awareness and sleep are introduced. Structural and physiological control of breathing and physiological manifestations of respiratory disorders that affect sleep are discussed

SYAD202 Yabancı Dil II (Foreign Language II) (3 credits) The purpose of this course is learning to use the subjects which are below four talent (writing, speaking, reading and perception)

ELN114 Nörolojik Hastalıklar ve Elektronörofizyoloji (Neurological Diseases and Electroneurophysiology) (3 credits) The purpose of this course is to prepare students to be familiar with the clinical and theoretical basis of the neurological diseases and the use of electroneurophysiological methods that are being used currently for the diagnosis and for the

prognosis of these diseases Through chapters, readings, and case analyses, we will work on the matters related to electroneurophysiological aspects of the diseases and the responsibilities and duties of the technicians. *(This course is given in Turkish)*

ELN210 Kognitif Nörofizyoloji (Cognitive Neurophysiology) (3 credits) The purpose of this course departs from a well-established basis in Neuroscience, supplemented with knowledge about behavioral and cognitive neuroscience. The aim of the course will be to focus to connect different aggregate levels at which brain function can be studied: from single neurons, via circuits and networks, to behavior and cognition. Second, we focus on brain disorders: how are their symptoms manifested neurophysiologically, and which techniques can be used for treatment. These connections will be studied by relating single-neuron operations to activity at the mesoscopic level (e.g. electroencephalography, EEG) and behavior. *(This course is given in Turkish)*

SHT208 Mezuniyet Projesi (Graduation Project) (1 credits) Basic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health. *(This course is given in Turkish)*

ELECTIVES

IAY109 Afet Bilgisi (Disaster Information) (3 credits) This course aims to teach a supportive planning procedure in natural disaster process from the aspect of negative effects as physical, economic, social psychological. It also aims to provide general information about constructing a defence mechanism and coping methods in this period by using local sources and human supports. *(This course is given in Turkish)*

SKI208 Hasta İlişkisi Yönetimi (Patient Relations Management) (3 Credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

SHS260 Psikolojik Danışmanlık ve Rehberlik (Psychological Counselling and Guidance) (3 credits) This course aims to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

SHS261 Sosyal Servisler (Social Services) (3 credits) The purpose of this course is to definition of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate. *(This course is given in Turkish)*

CGL108 Eğitim Becerileri (Education Skills) (3 Credits) This Lecture provides general information about child development that related to physical, cognitive and sexual development. Moreover, this lecture also focuses on family attitudes towards children's behaviours, and evaluates a considerable

amount of subjects such as child abuse, family dynamics and violence among family members. (*This course is given in Turkish*)

SBLG101 Bilgisayara Giriş Basic (Computer Skills) (3 Credits) The purpose of this course is to this lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. (*This course is given in Turkish*)

SHS257 Çevre Sağlığı (Environmental Health) (3 Credits) The purpose of this course to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. (*This course is given in Turkish*)

SHS258 Çevre ve Sosyal Sorumluluklar (Environment and Social Responsibility) (3 Credits) The purpose of this course to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. (*This course is given in Turkish*)

SHS259 İş Sağlığı ve Güvenlik (Work Health & Security) (3 credits) The aim of this lecture is to provide basic knowledge in order to protect themselves in working environments such as health services. Moreover, it also aims to analyse the basic proactive techniques in working environment, the basic responsibilities of employer, the general expectancies of employee and the differences between employer's expectancies. (*This course is given in Turkish*)

SHT104 Biyoistatistik (Biostatistics) (3 credits) The purpose of this course is to we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. (*This course is given in Turkish*)

SHT107 Temel Fizik (Basic Physics) (3 credits) The purpose of this course is to provide a thorough introduction to classical physics. Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the

relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 Credits) The purpose of this course is to provide knowledge about concept of education. Main topics covered through the course are; Using tools and technology in education, Health education, Health educationwith adults, Health educationwith children, Health education and health behaviour, Planning Health educationin basic health services, Health education with individuals, Health educationwith groups, Health educationwith societies, group presentation and discussions. *(This course is given in Turkish)*

SHT124 Genel Kimya (Basic Chemistry) (3 credits) This course aims to help student for developing their basic knowledge level in both applying and theoretical course and provide basic information that related to those courses. *(This course is given in Turkish)*

DYZ104 Beslenme İlkeleri (Nutrition Principles) (3 credits) The aim of this course is to define nutrition concepts and its variety for student. Healthy and unhealthy nutrition principles, protein focused nutrition principles and its strengths and limitations, carbohydrate focused nutrition principles and its strengths and limitations, a variety of dietary principles and to provide basic info about nutrition terms. *(This course is given in Turkish)*

SHT212 Tıbbi İngilizce I (Medical English I) (3 credits) *(See General Education)*

SHT203 Araştırma Teknikleri ve Yöntemleri (Research Techniques and Methods) (3 credits) The purpose of this course is to provide general knowledge about research techniques for conducting proper research. Moreover, this course also aims to demonstrate two basic types of researches as qualitative and quantitative research methods. At the end of this course students are expected to conduct experimental work by using both these theories. *(This course is given in Turkish)*

IAY207 Sürüş Teknikleri (Advanced Driving Techniques) (3 credits) *(See General Education)*

ODY105 İşaret Dili (Sign Language) (3 Credits)The purpose of this course is to teach sign language to people without hearing disabilities in order to maintain communication while providing health care services to the people with hearing disabilities. *(This course is given in Turkish and sign language.)*

SHT206 Sağlık Hukuku ve Mevzuatı (Health Law and Legislation) (3 credits) The aim of this course,By identifying the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SISL102 Temel İşletme (Basic Business) (3 credits) This course aims to provide basic information about establishing a new business, management of it and concepts of business contingency. *(This course is given in Turkish)*

SKI101 Yönetim ve Organizasyon (Management and Organization) (3 credits) The purpose of this course is to provide general information about management and organization systems by using different aspects of business sciences. Moreover, it also demonstrate the main cg-characteristics of a business from the aspect of a manager. *(This course is given in Turkish)*

SKI102 Sağlık Kurumları Yönetimi (Health Institutions Management) (3 credits) The purpose of this course is to Health Care Management provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance.

SKI108 Sağlık Sosyolojisi (Health Sociology) (3 credits) To students, social structure of society, its values and to acquaint the effects on their health. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Health) (3 credits) The purpose of this course is to basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI172 Sağlıkta Kişiler Arası İlişkiler (Interpersonal Relations in Health Services) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing in Healthcare) (3 Credits) The purpose of this course is to; The advantages of marketing activities in health institutions; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, implementing, evaluating and controlling; health care purchasing behavior of buyers and decision-making processes; factors affecting the satisfaction of the consumers, the marketing strategy for corporate image transmission development for health services is to inform about the basic principles for the development. *(This course is given in Turkish)*

SHT124 Genel Kimya (Basic Chemistry) (3 credits) This course aims to help student for developing their basic knowledge level in both applying and theoretical course and provide basic information that related to those courses. *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojileri (Information and Communication Technology) (3 Credits) The purpose of this course is to comprehend the importance of basic information technology. Computer hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish)*

SKI206 Giriřimcilik (Entrepreneurship) (3 Credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. *(This course is given in Turkish)*

SKI207 Saęlık Hizmetlerinde Lojistik (Logistics in Health Care) (3 Credits) The purpose of this course is to provide the basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

TBD106 Kiřilerarası İliřkiler (Interpersonal Relationship) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SKI208 Müşteri İliřkileri Yönetimi (Consumer Relations Management) (3 credits) The purpose of this course, the health sector expectations and in line with the trend showing the lifelong development needs, have sufficient knowledge and skills in the field of differentiated and train medical secretaries. in health care facilities that can be executed by the secretariat services; diagnosis of diseases, capable of recording transactions related to diagnosis and treatment, medical, capable of preparing administrative and statistical documents, which can be archived by editing documents, edit and archive, which can improve patient acceptance and preparing patients for examination and file operations, medical and findings obtained in scientific research in various fields of medical technology compilation, layout and so offer to put at the service of researchers. fulfilling tasks efficiently qualified to train their communication and health technicians with a strong sense of responsibility *(This course is given in Turkish).*

SKI209 Stres Yönetimi (Stress Management) (3 credits) The purpose of this course is to demonstrate general theories about stress and also provide general knowledge that related to stress concept. This course also aims to analyze main stress theories as fight or flight, general adaptation syndrome and Lazarus's perceived stress model. *(This course is given in Turkish)*

SMAT101 Matematik (Mathematics) (3 credits) The aim of this course is to demonstrate basic math problem solving methods and to define basic terms as EBOB- EKOK rational numbers, real numbers and absolute value, multiplicity terms, exponential numbers and equation terms. *(This course is given in Turkish)*

TBD102 İletişim Becerileri (Communication Skills) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication; effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SHT201 Halk Saęlığı (Public Health) (3 credits) This course aims to provide general information for students that related to public health define its termination as mother-child health, adolescence health, work health and family planning and health education. *(This course is given in Turkish)*

TLT101 Genel Biyoloji (General Biology) (3 credits) The aim of this course is to define basic terms that related to biology as carbohydrates, lipids, proteins, nucleic acids, cell and its construction, biological membrane, cell cytoplasm, cytokinesis and nuclear divisions, DNA RNA, protein synthesis, genetic illnesses, genetic vulnerability and the other biological concepts. *(This course is given in Turkish)*

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) *(See General Education)*

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) *(See General Education)*

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) *(See General Education)*

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) *(See General Education)*

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) *(See General Education)*

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) *(See General Education)*

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) *(See General Education)*

SHT208 Mezuniyet Projesi (Graduation Project) (1 credits) Basic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health. *(This course is given in Turkish)*

First and Emergency Aid (Turkish)

About Program

The aim of this program is to educate First and Emergency Aid Technicians who can give treatment and care at first sight during an illness or accident and transport the patient or the injured person to the hospital in a specially equipped ambulance.

Students who graduate from this department can work in the emergency departments and 112 ambulance control centers of governmental and private hospitals. Moreover, they may also work in any kind of facility requiring emergency aid, such as private ambulances, private hospitals and fire services that belong to municipalities, private companies, sport organizations, airports etc.

Goals

Illness or accident during the scene the first time whether to apply the treatment and care, with the patient or injured to be carried to the hospital by ambulance equipped with professional knowledge and work ethic to train Emergency and First Aid Technician.

Objectives

Illness or accident during the scene the first time whether to apply the treatment and care, with the patient or injured to be carried to the hospital by ambulance equipped with professional knowledge and work ethic to train Emergency and First Aid Technician.

The total credits required for the satisfactory completion of the curriculum are 84 credits. The program additionally requires two internships each enduring 20 work days in Ambulance, 20 work days in Emergency .



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk ilkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
SHT101	Anatomi	Yes	Yes	3 + 0	3
SHT102	Fizyoloji	Yes	Yes	3 + 0	3
IAY101	Acil Bakım I	Yes	Yes	3 + 4	5
IAY103	Ambulans Eğitimi	Yes	Yes	2 + 4	4
IAY105	Beden Eğitimi ve Vücut Geliştirme	Yes	Yes	1 + 4	3
SHS 251	Seçmeli Ders I	No	Yes	3 + 0	3

[+] 1. Semester Elective Course List

Total :	25
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2ND SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk ilkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
IAY102	Acil Bakım II	Yes	Yes	3 + 4	5
IAY107	Resüstasyon	Yes	Yes	2 + 4	4
SHT 110	Farmakoloji	Yes	Yes	3 + 0	3
SGSA101	Güzel Sanatlar	Yes	Yes	3 + 0	3

[+] 2nd Semester Elective Course List

Total :	19
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3RD SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY 201	Acil Bakım III	Yes	Yes	3 + 4	5
IAY 205	Klinik Eğitim ve Uygulama I	Yes	Yes	1 + 8	5
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
IAY203	Travma	Yes	Yes	2 + 2	3
SHS252	Seçmeli Ders II	Yes	Yes	3 + 0	3
SHS253	Seçmeli Ders III	Yes	Yes	3 + 0	3
Total					22

4TH SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY204	EKG Analizi	Yes	Yes	1 + 2	2
IAY202	Acil Bakım IV	Yes	Yes	2 + 2	5
IAY 206	Klinik Eğitim ve Uygulama II	Yes	Yes	1 + 8	5
SYAD202	Yabancı Dil II	Yes	Yes	3 + 0	3
AAAY110	Afet ve Acil Durum Psikolojisi	Yes	Yes	2 + 0	2
SHT208	Mezuniyet Projesi	Yes	Yes	0 + 2	1
Total					18

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3
SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3
CGL108	Eğitim Becerileri	No	Yes	3 + 0	3

TBD102	Etkili ve Gzel KonuŖma Teknikleri	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
SKI206	GiriŖimcilik	No	Yes	3 + 0	3
SHT201	Halk Saęlıęı	No	Yes	3 + 0	3
SKI 208	Hastane Bilgi İŖlem Sistemleri	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY207	İleri Sürüş Teknikleri	No	Yes	3 + 0	3
SHS259	İş Sağlığı ve Güvenliği	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3
TBD106	Kişilerarası İlişkiler	No	Yes	3 + 0	3
SMAT101	Matematik	No	Yes	3 + 0	3
SKI212	Müşteri İlişkileri ve Yönetimi	No	Yes	3 + 0	3
SHS260	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
SHT122	Sağlık Eğitimi	No	Yes	3 + 0	3
SKI 207	Sağlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Sağlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3
SHT206	Sağlık Hukuku ve Mevzuatı	No	Yes	3 + 0	3
SKI205	Sağlık İletişimi	No	Yes	3 + 0	3
SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	3
SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SKI108	Sağlık Sosyolojisi	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SKI110	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3
SHS261	Sosyal Hizmetler	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3
SISL102	Temel İşletme	No	Yes	3 + 0	3
SHT212	Tıbbi İngilizce I	No	Yes	3 + 0	3
SHT213	Tıbbi İngilizce II	No	Yes	3 + 0	3
SKI101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
SGSA103	Tıp Fotoğrafçılığı	No	Yes	3 + 0	3
SGSA105	Tıp Ressamlığı	No	Yes	3 + 0	3
Grand Total					84

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101. Atatürk ilkeleri ve İnkılap Tarihi I (Principles of Atatürk & History of Turkish Revolution I) (2 Credits) *(See General Education)*

STRD111 Türk Dili I (Turkish Language I) (2 Credits) *(See General Education)*

SHT101 Anatomi (Anatomy) (3 Credits) The purpose of this course is to designed to presents a systemic approach to the study of the human body. Lecture presentation begins with an introduction of anatomical terminology and an overview of cellular processes and tissue classification. Students then learn the gross and microscopic anatomy of the following systems: integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, and reproductive. The laboratory component of the course generally parallels and reinforces lecture concepts through the use of models, histological slides, skeletal and the other anatomical materials. Students also attend two 2-hour labs per week. *(This course is given in Turkish)*

SHT102 Fizyoloji (Physiology) (3 Credits) The purpose of this course is designed to presents a comprehensive study of the basic anatomy and physiology of the human body. This course also designed to be understood the complexities of the cells, tissues, and major organs and systems of the human body. Topics include body organization; homeostasis; basic histology; and skeletal, muscular, joint, cardiovascular, blood, immune, respiratory, endocrine, excretory, reproductive, nervous, sensory, digestive systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of basic anatomy and main physiology and their interrelationships. *(This course is given in Turkish)*

IAY101 Acil Bakım I (Emergency Care I) (5 Credits) The aim of this course is to provide general information about paramedic and the concept of emergency care and apply the right medicine to the sick/ injured. Moreover, this Lecture aims to learn the basic concepts of health practices, vital signs emergency patients evaluated and made the first of interventions intended to gain competencies in practice and emergency care. *(This course is given in Turkish)*

IAY103 Ambulans Eğitimi (Ambulance Training) (4 credits) The aim of this course; Law rules and regulations within the framework of land, sea, air ambulance and is learning standards of the ambulance. Know all the equipment inside the ambulance and implement national and international standards is a key target. See all the ambulance equipment and equipment the patient / injured early made for the implementation of operational scenarios will be taught. *(This course is given in Turkish)*

IAY105 Beden Eğitimi ve Vücut Geliştirme (Physical Training and Body Building) (3 credits) This course aims to prepare students to teach Physical Education and exercise sciences. Through chapters, readings, and case analyses, we will discuss issues related to Physical, theories and institutions about training. During the lectures, students will be taking on physiological training responsibilities and work with other people in teams while developing their raining program abilities and training systems. *(This course is given in Turkish)*

SATA102 Atatürk ilkeleri ve İnkılap Tarihi II (Principles of Atatürk & History of Turkish Revolution II) (3 Credits) *(See General Education)* *(This course is given in Turkish)*

STRD102 Türk Dili II (Turkish Language II) (2 Credits) *(See General Education)*

IAY102 Acil Bakım II (Emergency Care II) (5 credits) This course aims to gain the knowledge and skills to make the first and emergency aid to systemic disease and follow up patients/injured. *(This course is given in Turkish) Prerequisite; IAY101*

IAY107 Resüstasyon (Resuscitation) (4 Credits) This Lecture provides general information about paramedic provides basic life support and advanced life support knowledge and skills related to intend. Moreover, this Lecture aims to learn the basic concepts of health practices, intubation, apply oxygen therapy, emergency patients evaluated and made the first of interventions intended to gain competencies in practice and emergency care. *(This course is given in Turkish)*

SHT110 Farmakoloji (Pharmacology) (3 Credits) The aim of this course; this Lecture provides general information about the basic concepts of the interactions between the drugs and living organisms and to teach the students about the minimum pharmacological approach about the drugs used in maintenance of health and the treatment of diseases. Moreover, this lecture aims to evaluate the major drug classifications, through the use of prototypes and teach the necessary the drugs for human systems and diseases. *(This course is given in Turkish)*

SGSA101 Güzel Sanatlar (Fine Arts) (3 Credits) *(See General Education) (This course is given in Turkish)*

IAY201 Acil Bakım III (Emergency Care III) (5 credits) This course aims to gain the knowledge and skills to make the first and emergency aid to systemic disease and follow up patients/injured. *(This course is given in Turkish) Prerequisite; IAY102.*

IAY205 Klinik Eğitim ve Uygulama I (Clinical Study and Practice I) (5 Credits) The aim of this course is to have information about the emergency and ambulance service areas, and to gain experience, injured / patients about appropriate intervention to the owner and to have experience. *(This course is given in Turkish)*

SYAD101 Yabancı Dil I (Foreign Language I) (3 Credits) The aim of this course is to learn to use the subjects which are below four talent (writing, speaking, reading and perceptipon). *(This course is given in Turkish)*

IAY204 EKG Analizi (ECG Analysis) (2 Credits) The aim of this course is to take appropriate technique to distinguish the ECG and heart rhythm disorders, to attract ECG with positioning electrodes properly and making the calibration of the device ECG electrodes, to evaluate by distinguishing ECG waveforms and intervals on the ECG and to distinguish a cardiac arrhythmia. *(This course is given in Turkish)*

IAY202 Acil Bakım IV (Emergency Care IV) (5 credits) The aim of this course is to provide general information about Obstetrics and neonatal diseases. Moreover, it is aimed to give the principles of diagnosis, therapy & implementation. Management of Obstetrics, Gynecology and Pediatric emergencies are presented with practical courses to students in this course. The aim of this course; provides general information about Obstetrics and neonatal diseases. Moreover, it is aimed to give the principles of diagnosis, therapy & implementation. Management of Obstetrics, Gynecology and

Pediatric emergencies are presented with practical courses to students in this course. *(This course is given in Turkish) Prerequisite; IAY201.*

IAY206 Klinik Eğitim ve Uygulama II (Clinical study and Practice II) (5 credits) The aim of this course is to have information about the emergency and ambulance service areas, and to gain experience, injured / patients about appropriate intervention to the owner and to have experience. *(This course is given in Turkish) Prerequisite; IAY205*

SYAD202 Yabancı Dil II (Foreign Language II) (3 Credits) The course aims to introduce and enable the students to practice different types of Syllabus design methods analyze learners' needs and roles etc. *(This course is given in Turkish)*

AAAY110 Afet ve Acil Durum Psikolojisi (Disaster and Emergency Psychology) (2 Credits) The aim of this course isto have knowledge&experiences about behavioral patterns and disasters and to gain experience about the effects and post-disaster psychosocial interventions on human psychology. *(This course is given in Turkish)*

SHT208 Mezuniyet Projesi (Graduation Project) (1 Credits) The aim of this course is to evaluate the professional skills and research methods of students who will work as the first and Emergency technicians. *(This course is given in Turkish)*

IAY109 Afet Bilgisi (Disaster Information) (3 Credits) The aim of this course is to identify improvements and preventions for disasters which lead economical social environmental and physical losses for people, affected communities by stopping/interrupting human activities stopped or interrupted human activities after/before occurring disasters. *(This course is given in Turkish)*

SHT203 Araştırma Yöntem ve Teknikleri (Research Techniques and Methods) (3 Credits) The aim of this course is to gain the competency in order to conduct research. *(This course is given in Turkish)*

DYZ104 Beslenme İlkeleri(Nutritional Principle) (3 Credits) The purpose of this course is to provide provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojileri (Data and Process Technology) (3 Credits) The aim of this course is to comprehend the importance of basic information technology. Computer hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. *(This course is given in Turkish)*

SBLG101 Bilgisayara Giriş (Introduction to Computers) (3 Credits) The aim of this course is to this lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality

presentation. Also in this lecture, students will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SHT104 Biyoistatistik (Biostatistics) (3 Credits) The aim of this course to teach statistics course we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environmental Health) (3 Credits) The aim of this course to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

SHS 258 Çevre ve Sosyal Sorumluluk (Environment and Social Responsibility) (3 Credits) The aim of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

CGL108 Eğitim Becerileri (Training Skills) (3 Credits) This Lecture provides general information about child development that related to physical, cognitive and sexual development. Moreover, this lecture also focuses on family attitudes towards children's behaviours, and evaluates a considerable amount of subjects such as child abuse, family dynamics and violence among family members. *(This course is given in Turkish)*

TBD102 Etkili ve Güzel Konuşma Teknikleri (Effective Speaking Techniques) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication; effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

TLT101 Genel Biyoloji (General Biology) (3 credits) The aim of this course is to define basic terms that related to biology as carbohydrates, lipids, proteins, nucleic acids, cell and its construction, biological membrane, cell cytoplasm, cytokinesis and nuclear divisions, DNA RNA, protein synthesis, genetic illnesses, genetic vulnerability and the other biological concepts. *(This course is given in Turkish)*

SHT124 Genel Kimya (General Chemistry) (3 credits) This course aims to help student for developing their basic knowledge level in both applying and theoretical course and provide basic information that related to those courses. *(This course is given in Turkish)*

SKI206 Giriřimcilik (Entrepreneurship) (3 credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. *(This course is given in Turkish)*

SHT201 Halk Saęlıęı (Public Health) (3 credits) This course aims to provide general information for students that related to public health define its termsination as mother-child health, adolescence health, work health and family planning and health education. *(This course is given in Turkish)*

SKI208 Hastane Bilgi İřlem Sistemleri (Hospital Information Processing Systems) (3 credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

IAY207 İleri Sürüş Teknikleri (Advanced Driving Techniques) (3 credits) *(See General Education)*

SHS 259 İş Saęlıęı ve Güvenlięi (Occupational Health and Safety) (3 Credits) The aim of this lecture is to provide basic knowledge in order to protect themselves in working environments such as health services. Moreover, it also aims to analyse the basic proactive techniques in working environment, the basic responsibilities of employer, the general expectancies of employee and the differences between employer's expectancies. *(This course is given in Turkish)*

ODY105 İşaret Dili (Sign Language) (3 Credits) The aim of this course is to demonstrate basic sign language by using mimics jests and main characteristics of this language. Moreover, this course also aims to provide the basic knowledge about Turkish sign language and world sign language and their similarities and differences in accordance to today's sign international sign language. It also aims to provide basic grammar rules about sign language and its constructions. *(This course is given in Turkish)*

TBD106 Kiřilerarası İliřkiler (Interpersonal Communication) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SMAT101 Matematik (Mathematics) (3 credits) The aim of this course is to demonstrate basic math problem solving methods and to define basic terms as EBOB- EKOK rational numbers, real numbers and absolute value, multiplicity terms, exponential numbers and equation terms. *(This course is given in Turkish)*

SKI212 Müřteri İliřkileri ve Yönetimi (Consumer Relations Management) (3 credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing,

property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

SHS260 Psikolojik Danışmanlık ve Rehberlik (Counseling and Guidance) (3 credits) This course aims to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 credits) The purpose of this course is to demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health. *(This course is given in Turkish).*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Care) (3 credits) The purpose of this course is to provide the basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing in Healthcare) (3 credits) The purpose of this course is to; The advantages of marketing activities in health institutions; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, implementing, evaluating and controlling; health care purchasing behavior of buyers and decision-making processes; factors affecting the satisfaction of the consumers, the marketing strategy for corporate image transmission development for health services is to inform about the basic principles for the development. *(This course is given in Turkish)*

SHT206 Sağlık Hukuku ve Mevzuatı (Health Law and Legislation) (3 Credits) The purpose of this course is to identifying the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish)*

SKI102 Sağlık Kurumları Yönetimi (Health Care Management) (3 credits) The purpose of this course is to Health Care Management provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 Credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of

private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

SKI108 Sağlık Sosyolojisi (Health Sociology) (3 Credits) The purpose of this course is to students, social structure of society, its values and to acquaint the effects on their health. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Health) (3 Credits)The purpose of this course is to basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SHS261 Sosyal Hizmetler (Social Services) (3 Credits) In this course the definition of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate. *(This course is given in Turkish)*

SKI209 Stres Yönetimi (Stress Management) (3 credits) The purpose of this course is to demonstrate general theories about stress and also provide general knowledge that related to stress concept. This course also aims to analyze main stress theories as fight or flight, general adaptation syndrome and Lazarus's perceived stress model. *(This course is given in Turkish)*

SHT107 Temel Fizik (Basic Physics) (3 Credits) The purpose of this course is to provide a thorough introduction to classical physics .Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

SISL202 Temel İşletme (Basic Business) (3 Credits) The aim of this course is to provide basic concepts of business administration and continuity and qualifications for practice during working life. *(This course is given in Turkish)*

SHT212 Tıbbi İngilizce I (Medical English I) (3 Credits) *(See General Education)*

SHT213 Tıbbi İngilizce II (Medical English II) (3 Credits) *(See General Education)*

SKI101 Yönetim ve Organizasyon (Management and Organization) (3 Credits) The purpose of this course is to provide general information about management and organization systems by using different

aspects of business sciences. Moreover, it also demonstrate the main cg-characteristics of a business from the aspect of a manager. *(This course is given in Turkish)*

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) *(See General Education)*

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) *(See General Education)*

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) *(See General Education)*

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) *(See General Education)*

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) *(See General Education)*

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) *(See General Education)*

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) *(See General Education)*

Health Institutions Management (Turkish)

About Program

The scope of the program is to train students in the theoretical and applied aspects of the field to provide well-equipped staff for health sector.

For the last decade in Turkey, the quantity of hospitals has been rapidly increasing and hospitals are struggling to be able to give better quality service. In accordance with the demand of the Health Sector, students graduated from the Health Institutions Management Program will contribute to manpower in all departments at the hospitals other than direct patient applications. Education will be carried out with expert academic staff who are also the leading trainers in the industry.

According to their success, graduates will be able to work in higher level positions. The medium of instruction is Turkish. Students, who wish, can take one year English Preparatory Class. During the internship, students work in hospitals, other health institutions and graduates are employed in this field.

Objectives

The Health Institutions Management Programme aims to train qualified staff who have knowledge and skills in both business and hospital management required by the health care sector through theoretical and practical education.

The total credits required for the satisfactory completion of the curriculum are 78 credits. The program additionally requires one internship enduring 20 work days.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
SKİ150	Hasta Hizmetleri	Yes	Yes	2 + 0	2
SHT109	Tıbbi Terminoloji	Yes	Yes	3 + 0	3
SISL102	Temel İşletme	Yes	Yes	3 + 0	3
SKI102	Sağlık Yönetimine Giriş	Yes	Yes	3 + 0	3
SKI104	Genel Muhasebe	Yes	Yes	3 + 0	3
SKI161	Hastane Anatomisi	Yes	Yes	3 + 0	3
Total					21

2ND SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
SKI151	Medikal Muhasebe	Yes	Yes	3 + 0	3
SKI208	Hastane Bilgi İşlem Sistemleri	Yes	Yes	3 + 0	3
SKİ155	Sağlık Kurumları Uygulaması I	Yes	Yes	1 + 6	4
SKİ152	Sağlık Sigortacılığı ve Anlaşmalı Kurumlar	Yes	Yes	2 + 0	2
SKI101	Yönetim Organizasyon	Yes	Yes	3 + 0	3
SGSA101	Güzel Sanatlar (Alan Seçmeli)	No	Yes	3 + 0	3

[+] 2nd Semester Elective Course List

Total :	22
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3RD SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SKİ154	Sağlık Hizmetlerinde Faturalandırma	Yes	Yes	2 + 0	2
SKI203	Sağlık Kurumlarında Pazarlama	Yes	Yes	3 + 0	3
SHT108	Hastalıklar Bilgisi	Yes	Yes	3 + 0	3
SKI205	Sağlık İletişimi	Yes	Yes	3 + 0	3
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
SKİ155	Sağlık Kurumları Uygulaması II	Yes	Yes	1 + 6	4

[+] 3. Semester Elective Course List

Total :	18
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4TH SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SKI202	Sağlık Hizmetlerinde İnsan Kaynakları Yönetim	Yes	Yes	3 + 0	3
SHT206	Sağlık Hukuku ve Mevzuatı	Yes	Yes	3 + 0	3
SHT104	Biyoistatistik	Yes	Yes	3 + 0	3
SHT208	Mezuniyet Projesi	Yes	Yes	0 + 2	1
SHT112	Temel İlk Yardım	Yes	Yes	1 + 0	1
SYAD202	Yabancı Dil II	Yes	Yes	3 + 0	3
SHS251	Seçmeli Ders I	No	Yes	3 + 0	3
Total					17

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3
SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3
CGL108	Eğitim Becerileri	No	Yes	3 + 0	3
TBD102	Etkili ve Güzel Konuşma Teknikleri	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
SKI206	Girişimcilik	No	Yes	3 + 0	3
SKI156	Hastalıkların Sınıflandırılması ve Kodlanması	No	Yes	3 + 0	3
SIKT101	İktisada Giriş	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY207	İleri Sürüş Teknikler	No	Yes	3 + 0	3
SHS259	İş Sağlığı ve Güvenliği	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3
TBD106	Kişilerarası İlişkiler	No	Yes	3 + 0	3
SKI208	Müşteri İlişkileri Yönetimi	No	Yes	3 + 0	3
SHS260	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
SHT122	Sağlık Eğitim	No	Yes	3 + 0	3
SKI207	Sağlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Sağlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3

SKI205	Sağlık İletişimi	No	Yes	3 + 0	3
SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	3
SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SKI108	Sağlık Sosyolojisi	No	Yes	3 + 0	3
SKI110	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3
SHS261	Sosyal Hizmetler	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SKI209	Sosyal Hizmetler	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3
SHT212	Tıbbi İngilizce I	No	Yes	3 + 0	3
SHT213	Tıbbi İngilizce II	No	Yes	3 + 0	3
SKI101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
Grand Total					78

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I I (Principles of Atatürk &History of Turkish Revolution I) (2 credits) *(See General Education)*

STRD101 Türk Dili I (Turkish Language) (2 credits) *(See General Education)*

SHT109 Tıbbi Terminoloji (Medical Terminology) (3 credits) The purpose of this course to provides general information about the basics of medical terminology for those who study the health disciplines and health institutions. Moreover, this lecture aims to help students communicate with their colleagues and other health personnel and make it easier to learn the meaning of manmade structures and classification of diseases and related information to teach. *(This course is given in Turkish)*

SKI161 Hastane Anatomisi (Hospital Anatomy) (3 credits) The aim of this course; at work in every area of life and non-work life to gain awareness of crisis management, to reduce negative stress, to convey positive for ways to maintain stress. *(This course is given in Turkish)*

SKI150 Hasta Hizmetleri (Patient Services) (2 credits) The aim, information on patient services to staff working in health care facilities and skills to add. *(This course is given in Turkish)*

SISL102 Temel İşletme (Basic Business) (3 credits) The aim of the establishment of business students , the basic concepts of business management and continuity and to assist in working life , to gain competencies in the application. *(This course is given in Turkish)*

SKI102 Sağlık Yönetimine Giriş (Health Care Management) (3 credits) AKTS Health, health characteristics, health determinants, Administration, Management, Health Management Concepts, Principles of Business Management, Health Organisation in Turkey, Scope of Health Care Management, Hospital Board of Health Professionals in the Hospital Services; Hospitals Administrative, Technical and General Services, Hospital Management Regulation and Related Legal Resources, Hospital Standards Assessment of Patient Care. *(This course is given in Turkish)*

SKI104 Genel Muhasebe (Accounting In Health Services) (3 credits) Basic accounting concepts and definitions, the concept of account balance, basic financial statements, basic accounting documents, legal books, periodic process, Uniform Chart of Accounts - accounting concepts, current assets account for 1 Current assets account for 2 Fixed asset accounts first, fixed assets account 2, KV Foreign sources, U.V. Foreign sources 1, K.V. Liabilities, U.V. Foreign sources 2, equity accounts, Final editing of the inventory process and the basic financial statements, inventory operations of rotating and fixed asset accounts, short and long term liabilities, equity, inventory processing of results and cost. *(This course is given in Turkish)*

STRD102 Türk Dili II (Turkish Language II) (2 credits) *(See General Education)*

SKI208 Hastane Bilgi İşlem Sistemleri (Hospital Information Systems) (3 credits) The purpose of this course , the health sector expectations and in line with the trend showing the lifelong development needs , have sufficient knowledge and skills in the field of differentiated and train medical secretaries.*(This course is given in Turkish)*

SKI155 Sağlık Kurumları Uygulaması I (Health Care Institutions Practice I) (4 credits) The aim is to recognize students' health institutions, having more information about the management and organization, students are intended to learn about the management of health institutions. *(This course is given in Turkish)*

SGSA101 Güzel Sanatlar (Fine Arts) (3 credits) This course is designed to evaluate 20th century art historically in the context of Modernism. Through chapters, readings, and case analyses, we will focus on key moments and stylistic trends, as well as, social and cultural relationships in the history of modern art from the late 19th century to mid 20th century. During the lectures, students will be exposed to the subject by means of text, lecture, discussion, and use of audio/visual resources. *(This course is given in Turkish)*

SKI151 Tıbbi Muhasebe (Medical Accounting) (3 credits) Health Economics and Expenditures, Current SGK Agreement and Applications, SGK Checks and Criminal Applications, Issues to be considered in writing SGK response, Logic of SGK Operation, Current SUT (Health Communication Application) and adds Using the SUT, Medical Device Regulations, Medula operation, Participation Shares and Additional Charges, Outpatient, inpatient and outpatient treatments, Over Pay Per Transaction Principles-Based Services and Diagnosis, Emergency Health Services, Operation Related to Specific Transactions. *(This course is given in Turkish)*

SKI154 Sağlık Hizmetlerinde Faturalandırma (Invoicing in Health Services) (3 credits) Incorrect operations (tests, drugs such as consumables) will be canceled and the correction made to provide feedback to the relevant clinic or service, It insured under the SGK system of making payments Medula V3 queries interactively to complete the billing process, Protocol send to the relevant institutions to prepare a manual invoice to other health institutions, Criminal cases, work accidents, traffic accidents as a result of patients undergoing treatment in our hospital to check whether it is appropriate to develop the type of follow GSS. To correct the improper, Criminal cases, work accidents, traffic accidents by enabling them to terminate the period required in accordance with the SUT and the relevant circulars of the patients involved in the provision of official documents, minutes and after that we are bound to submit to the Provincial Directorate of Social Security. *(This course is given in Turkish)*

SKI152 Sağlık Sigortacılığı ve Anlaşmalı Kurumlar (Health Insurance and Contracted Institutions) (3 credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. Also, make new agreements with agencies and meet the requirements. *(This course is given in Turkish)*

SKI101 Yönetim Organizasyon (Management and Organization) (3 credits) The purpose of this course is to provide general information about management and organization systems by using different aspects of business sciences. Moreover, it also demonstrate the main cg-characteristics of a business from the aspect of a manager. *(This course is given in Turkish)*

SHT108 Hastalıklar Bilgisi (Knowledge of Disease) (3 credits) The aim of the fluid - electrolyte and acid - base balance, movement disorders, stress, shock, gastrointestinal diseases, endocrine system diseases, cardiovascular diseases, respiratory diseases, immune system diseases, blood diseases, nervous system diseases, dermatological diseases and to introduce students to the prevention of disease. *(This course is given in Turkish)*

SYAD201 Yabancı Dil I (Foreign Language I) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing, speaking, reading and perceptipon) *(This course is given in Turkish)*

SKI155 Sağlık Kurumları Uygulaması II (Health Care Institutions Practice II) (4 credits)Students are expected to learn the theoretical knowledge into practice, the students are encouraged to specialize in a self-selected department. *(This course is given in Turkish)*

SKI203 Sağlık Kurumlarında Pazarlama (Marketing in Healthcare) (3 credits) General introduction and overview of the topics covered during the semester, the definition of marketing, marketing mix, in health care advertising legislation in the anti-marketing in health care opinions and different country practices, according to the ownership type of health care provider and marketing function relations, marketing organizations and health institutions in the position of marketing manager and role aspects that differentiates general characteristics and health services Services, definition of health, the factors of production in health care and health market and economic system relations, health and disease, economy, value creation in healthcare, market definition, the conditions necessary for the realization of marketing, demand the emergence and demand types, evolution of marketing approach, the health business of environmental factors and their impact on marketing practices, industry definition, the boundary of the health sector, value chain, competition concept, the factors that determine the competitive strategies that provide a competitive advantage, industry concentration and concentration measures, regulation of competition, market segmentation definition, vertical and horizontal market segmentation, merging and separation strategies, health care practices, products in health services, the concept of product life cycle, types and mix of services in health facilities and product strategy, price, pricing, and types of health services, pricing strategies, and healthcare applications, price positioning force, product launch in health care, promotion, promotion mix, health communication, his role in marketing the provision of public relations and health services, market research, and health services, performance measurement of marketing activities, hospitals, market research and marketing examples, customer focus health organization hierarchy to the interaction between the patient, customer-oriented value matrix, how can one become more customer-focused, ways to make a difference. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) What is communication, Past to Present Communication, Importance and Basic Functions Related Errors and Communication, Basic Elements, active listening, communication grouping, Communication Approaches, Health Communication, History of Health Communication, the type of Communication Process, Health Communication and Advertising, Health Communication and Internet, Health Communication Campaigns, Ethics in Health Care. *(This course is given in Turkish)*

SHT104 Biyoistatistik (Biostatistics) (3 credits) The purpose of this course to teach statistics course we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

SHT206 Sağlık Hukuku ve Mevzuatı (Health Law And Legislation) (3 credits) The aim of this course, By identifying the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SYAD202 Yabancı Dil II (Foreign Language II) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing, speaking, reading and perceptipon) *(This course is given in Turkish)*

SHT112 Temel İlkyardım (Basic First Aid) (1 credits) The main aim of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish)*

SHT208 Mezuniyet Projesi (Graduation Project) (1 credit) Basic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health. *(This course is given in Turkish)*

SKI202 Sağlık Hizmetlerinde İnsan Kaynakları Yönetim (Human Resource Management in Health Care) (3 credits) Open System Approach with Consideration of Human Resources - HR strategy and policies, Job Analysis and Job Design, Human Resource Planning, Human Resources Procurement and Selection, Training and Development, Performance Evaluation, Career Development, Business Valuation, Compensation Management, Occupational Health and Work Security - Industrial Relations, HR Information Systems - International HRM, Current Issues in IC. *(This course is given in Turkish)*

ELECTIVES

IAY109 Afet Bilgisi (Disaster Information) (3 credits) This course aims to teach a supportive planning procedure in natural disaster process from the aspect of negative effects as physical, economic, social psychological. It also aims to provide general information about constructing a defence mechanism and coping methods in this period by using local sources and human supports. *(This course is given in Turkish)*

SHT203 Araştırma Yöntem ve Teknikleri (Research Methods and Techniques) (3 credits) The purpose of this course is to provide general knowledge about research techniques for conducting proper research. Moreover, this course also aims to demonstrate two basic types of researches as qualitative and quantitative research methods. At the end of this course students are expected to conduct experimental work by using both these theories. *(This course is given in Turkish)*

DYZ104 Beslenme İlkeleri (Nutrition Principles) (3 credits) The aim of this course is to define nutrition concepts and its variety for student. Healthy and unhealthy nutrition principles, protein focused nutrition principles and its strengths and limitations, carbohydrate focused nutrition principles and its strengths and limitations, a variety of dietary principles and to provide basic info about nutrition terms. *(This course is given in Turkish)*

SBLG101 Bilgisayara Giriş (Basic Computer Skills) (3 credits) This Lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SHS258 Çevre ve Sosyal Sorumluluk (Environment and Social Responsibility) (3 credits) *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environment Health) (3 credits) The purpose of this course is to general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

SHT124 Genel Kimya (General Chemistry) (3 credits) This course aims to help student for developing their basic *knowledge level in both applying and theoretical course and provide basic information that related to those courses.* *(This course is given in Turkish)*

TLT101 Genel Biyoloji (General Biology) (3 credits) The aim of this course is to define basic terms that related to biology as carbohydrates, lipids, proteins, nucleic acids, cell and its construction, biological membrane, cell cytoplasm, cytokinesis and nuclear divisions, DNA RNA, protein synthesis, genetic illnesses, genetic vulnerability and the other biological concepts. *(This course is given in Turkish)*

SKI206 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. *(This course is given in Turkish)*

CGL108 Eğitim Becerileri (Training Skills) (3 credits) This Lecture provides general information about child development that related to physical, cognitive and sexual development. Moreover, this lecture also focuses on family attitudes towards children's behaviours, and evaluates a considerable amount of subjects such as child abuse, family dynamics and violence among family members. *(This course is given in Turkish)*

TBD102 Etkili ve Güzel Konuşma Teknikleri (Effective Speaking Techniques) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication; effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SKI156 Hastalıkların Sınıflandırılması ve Kodlanması (Classification and Coding of Diseases) (3 credits) The aim of informing students about the international classification of diseases , to inform about the importance of this classification and use in Turkey . *(This course is given in Turkish)*

SIKT101 İktisada Giriş (Introduction to Economics) (3 credits) Economic Life Overview of the General Concepts, economic events and parties, Famine (Nedret Act), Economic Man Behavior and Conduct of the Parties, Market, Demand and Demand Factors Affecting Supply and Affecting Supply Components, Market Equilibrium, Market Occurring Changes in the Balance, flexibility (elasticity): Demand and Supply Elasticity, Calculation Forms and Comment, Consumer Balance: Benefit Analysis,

identification of co-benefits and budget functions with consumer equilibrium, Production Theory (Producer Balance): The Law of Diminishing Returns, co-products and Cost Indeed Functions Determination of long-term Production Costs, Income of Firms, Companies Balance (perfect competition Short-Term and Long-Term Analysis Market), Monopoli determination and firm balance of the Company's revenue function, Competitive Comparison Monopoly Business with Business in the Market, Economic Life Macro Outlook GNP-Depreciation- SMH- Analysis of the Key Determinant of national income and national income, Multiplier and geometric and algebraic representation of accelerator mechanism, the State's economic life Intervention Rationale and Methods of National Income Impact on the Historical Process of Money, Banking Development Process Authority, Employment, Income and Cash Money Supply Value Relations Between International Economic Relations. *(This course is given in Turkish)*

SHS259 İş Sağlığı ve Güvenliği (Occupational Health and Safety) (3 credits) The aim of this lecture is to provide basic knowledge in order to protect themselves in working environments such as health services. Moreover, it also aims to analyse the basic proactive techniques in working environment, the basic responsibilities of employer, the general expectancies of employee and the differences between employer's expectancies. *(This course is given in Turkish)*

ODY105 İşaret Dili (Sign Language) (3 credits) The aim of this course is to demonstrate basic sign language by using mimics jests and main characteristics of this language. Moreover, this course also aims to provide the basic knowledge about Turkish sign language and world sign language and their similarities and differences in accordance to today's sign international sign language. It also aims to provide basic grammar rules about sign language and its constructions. *(This course is given in Turkish)*

TBD106 Kişilerarası İlişkiler (Interpersonal Relationship) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SKI208 Müşteri İlişkileri Yönetimi (Customer Relations Management) (3 credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

SHS260 Psikolojik Danışmanlık ve Rehberlik (Psychological Counseling and Guidance) (3 credits) This course aims to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

SHT122 Sağlık Eğitim (Health Education) (3 credits) The purpose of this course is to demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Care) (3 credits) The purpose of this course is to provide the basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing in Healthcare) (3 credits) The purpose of this course is to; The advantages of marketing activities in health institutions; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, implementing, evaluating and controlling; health care purchasing behavior of buyers and decision-making processes; factors affecting the satisfaction of the consumers, the marketing strategy for corporate image transmission development for health services is to inform about the basic principles for the development. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish)*

SKI102 Sağlık Kurumları Yönetimi (Health Care Management) (3 credits) The purpose of this course is to Health Care Management provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

SKI108 Sağlık Sosyolojisi (Health Sociology) (3 credits) The purpose of this course is to provide basic knowledge about health sociology and its concepts by discussing them in accordance to basic theories. Moreover, this course also aims to analyze the general health issues from the aspect of health sociology and by using the basic perspectives of public assessments. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Health) (3 credits) The purpose of this course is to basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SHS261 Sosyal Hizmetler (Social Services) (3 credits) The purpose of this course is to define construction of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate. *(This course is given in Turkish)*

SHT212 Tıbbi İngilizce I (Medical English I) (3 Credits) *(See General Education)*

SHT213 Tıbbi İngilizce II (Medical English II) (3 Credits) (*See General Education*)

SKI101 Yönetim ve Organizasyon (Management and Organization) (3 credits) The purpose of this course is to provide general information about management and organization systems by using different aspects of business sciences. Moreover, it also demonstrate the main cg-characteristics of a business from the aspect of a manager. (*This course is given in Turkish*)

SHT107 Temel Fizik (Basic Physics) (3 credits) The purpose of this course is to provide a thorough introduction to classical physics .Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. (*This course is given in Turkish*)

Medical Documentations and Secretariat (Turkish)

About Program

The purpose of the program is to educate medical secretaries for the health institutions and organizations in the field of medical documentation and secretariat. During the program, our students are educated in order to improve their skills ineffective communication with patients, patients' relatives and medical workers as well astheir knowledge about protocol rules, medical terminology, filing and archiving techniques, ICD – 10 coding system, reporting, and official correspondances. Moreover, the Program aims to teach students as to how to motivatethemselves at work and keep away from stress.

Our graduates may either work at the medical departments of health institutions and organizations such as clinics, polyclinics, laboratories, operating rooms, emergency services, or at the administrative units such as health committees, patience admittance, and filing and archiving departments. The need for medical secretaries in private and governmental health institutions and organizations, and the business opportunities are gradually increasing in paralel with the developments in the medical services.

Objectives

The Medical Documentation and Secretariat Programme aims to prepare students for employment as qualified medical secretaries who acquire necessary skills to have effective communication with clients and their relatives as well as who learn medical terminology in order to maintain medical records and archives using the technique of ICD-10.

The total credits required for the satisfactory completion of the curriculum are 74 credits. The program additionally requires one internships enduring 40 work days.



CURRICULUM

1st SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
TBD205	Tıbbi Dokümantasyona Giriş	Yes	Yes	3 + 0	3
SMAT101	Matematik	Yes	Yes	3 + 0	3
SKI161	Hastane Anatomisi	Yes	Yes	3 + 0	3
SKI150	Hasta Hizmetleri	Yes	Yes	3 + 0	3
SHT109	Tıbbi Terminoloji	Yes	Yes	2 + 0	2
Total					18

2ND SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
SKI208	Hastane Bilgi İşlem Sistemleri	Yes	Yes	3 + 0	3
SISL102	Temel İşletme	Yes	Yes	3 + 0	3
SHS251	Seçmeli Ders I	No	Yes	3 + 0	3
SBLG101	Bilgisayara Giriş	Yes	Yes	3 + 0	3
TBD101	Tıp Sekreterliği	Yes	Yes	3 + 0	3

[+] 2nd Semester Elective Course List

Total :	19
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3RD SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SHT108	Hastalıklar Bilgisi	Yes	Yes	3 + 0	3
TBD258	Yazışma Teknikleri	Yes	Yes	2 + 0	2
SYAD201	Yabancı Dil	Yes	Yes	3 + 0	3
SHS252	Seçmeli II	No	Yes	3 + 0	3
TBD104	Klavye Teknikleri	Yes	Yes	2 + 2	3
SHT104	Biyoistatistik	Yes	Yes	3 + 0	3

[+] 3. Semester Elective Course List

Total :	17
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4TH SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SHT206	Sağık Hukuku Mevzuatı	Yes	Yes	3 + 0	3
SYAD202	Yabancı Dil II	Yes	Yes	3 + 0	3
SHT112	Temel İlk Yardım	Yes	Yes	1 + 0	1
SHT208	Mezuniyet Projesi	Yes	Yes	0 + 2	1
SKI156	Hastalıkların Kdolanması ve Sınıflandırılması	Yes	Yes	3 + 0	3
SHS253	Seçmeli Ders III	No	Yes	3 + 0	3
SHS254	Seçmeli Ders IV	No	Yes	3 + 0	3
SGSA101	Güzel Sanatlar (Alan Seçmeli)	No	Yes	3 + 0	3
Total					20

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3
SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3
CGL108	Eğitim Becerileri	No	Yes	3 + 0	3
TBD102	Etkili ve Güzel Konuşma Teknikleri	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
SKI206	Girişimcilik	No	Yes	3 + 0	3
SKI156	Hastalıkların Sınıflandırılması ve Kodlanması	No	Yes	3 + 0	3
SIKT101	İktisada Giriş	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY207	İleri Sürüş Teknikleri	No	Yes	3 + 0	3
SHS259	İş Sağlığı ve Güvenliği	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3
TBD106	Kişilerarası İlişkiler	No	Yes	3 + 0	3
SKI208	Müşteri İlişkileri Yönetimi	No	Yes	3 + 0	3
SHS260	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
SHT122	Sağlık Eğitimi	No	Yes	3 + 0	3
SKI207	Sağlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Sağlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3
SKI205	Sağlık İletişimi	No	Yes	3 + 0	3
SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	3

SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SKI108	Sağlık Sosyolojisi	No	Yes	3 + 0	3
SKI110	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3
SHS261	Sosyal Hizmetler	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3
SHT212	Tıbbi İngilizce I	No	Yes	3 + 0	3
SHT212	Tıbbi İngilizce II	No	Yes	3 + 0	3
SKI101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
Grand Total					74

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I (Principles of Atatürk &History of Turkish Revolution I) (2 credits) *(See General Education)*

STRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education)*

TBD205 Tıbbi Dokümantasyona Giriş (Introduction to Medical Documentation) (3 credits) The aim of the course , the expectations of the health sector Inc. showing lifelong tendency to develop in line with the needs of the differences we 've created Field sufficient information and skills to train with medical secretaries. *(This course is given in Turkish)*

SHT109 Tıbbi Terminoloji (Medical Terminology) (3 credits) The purpose of this course to provides general information about the basics of medical terminology for those who study the health disciplines and health institutions. Moreover, this lecture aims to help students communicate with their colleagues and other health personnel and make it easier to learn the meaning of manmade structures and classification of diseases and related information to teach. *(This course is given in Turkish)*

SKI161 Hastane Anatomisi (Hospital Anatomy) (3 credits) The aim of this course ; at work in every area of life and non-work life to gain awareness of crisis management , to reduce negative stress, to convey positive for ways to maintain stress. *(This course is given in Turkish)*

SKI150 Hasta Hizmetleri (Patient Services) (2 credits) The aim , information on patient services to staff working in health care facilities and skills to add . *(This course is given in Turkish)*

SATA102 Atatürk İlkeleri ve İnkılap Tarihi II (Principles of Atatürk &History of Turkish Revolution II) (2 credits) *(See General Education)*

STRD102 Türk Dili II (Turkish Language II) (2 credits) *(See General Education)*

SKI208 Hastane Bilgi İşlem Sistemleri (Hospital Computer Systems) (3 credits) The purpose of this course , the health sector expectations and in line with the trend showing the lifelong development needs , have sufficient knowledge and skills in the field of differentiated and train medical secretaries. *(This course is given in Turkish)*

SISL102 Temel İşletme (Basic Business) (3 credits) The aim of the establishment of business students , the basic concepts of business management and continuity and to assist in working life , to gain competencies in the application. *(This course is given in Turkish)*

SBLG101 Bilgisayara Giriş (Basic Computer Skills) (3 credits) This Lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

TBD101 Tıp Sekreterliği (Medical Secretary) (3 credits) The aim of this course , the student secretary ; conceptual dimension of the medical secretary , medical secretary types, roles and responsibilities in health care organizations , organizing appointments for services in health facilities , admissions of patients with the health care provider , information about the functioning of patient organizations and medical services , communications and correspondence services in health institutions , ethics in medical secretarial services , outpatient and inpatient care in health care organizations that keep records of the patient , medical reports (epicrisis report, the report of rest , medication reports , surgery reports etc .) writing techniques are taught. *(This course is given in Turkish)*

SHT108 Hastalıklar Bilgisi (Diseases Knowledge) (3 credits) The aim of the fluid - electrolyte and acid - base balance, movement disorders, stress , shock, gastrointestinal diseases, endocrine system diseases, cardiovascular diseases , respiratory diseases, immune system diseases, blood diseases, nervous system diseases, dermatological diseases and to introduce students to the prevention of disease . *(This course is given in Turkish)*

TBD258 Yazışma Teknikleri (Writing Techniques) (2 credits) The purpose of this course , the health sector expectations and in line with the trend showing the lifelong development needs , have sufficient knowledge and skills in the field of differentiated and train medical secretaries. *(This course is given in Turkish)*

SYAD201 Yabancı Dil (Foreign Language I) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing, speaking, reading and perceptipon) *(This course is given in Turkish)*

TBD104 Klavye Teknikleri (Keyboard Techniques) (3 credits) The aim of winning the ten-finger typing skills keyboard method , the numbers of signs and symbols to understand and apply the rules properly . *(This course is given in Turkish)*

SHT104 Biyoistatistik (Biostatistics) (3 credits) The purpose of this course to teach statistics course we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

SHT206 Sağlık Hukuku Mevzuatı (Health Law and Legislation) (3 credits) The aim of this course, By identifying the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SYAD202 Yabancı Dil II (Foreign Language II) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing, speaking, reading and perceptipon) *(This course is given in Turkish)*

SHT112 Temel İlk Yardım (Basic First Aid) (1 credit) The main aim of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish)*

SHT208 Mezuniyet Projesi (Graduation Project) (1 credit) Basic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health. *(This course is given in Turkish)*

SGSA101 Güzel Sanatlar (Fine Arts) (3 credits) This course is designed to evaluate 20th century art historically in the context of Modernism. Through chapters, readings, and case analyses, we will focus on key moments and stylistic trends, as well as, social and cultural relationships in the history of modern art from the late 19th century to mid 20th century. During the lectures, students will be exposed to the subject by means of text, lecture, discussion, and use of audio/visual resources. *(This course is given in Turkish)*

SKI156 Hastalıkların Sınıflandırılması ve Kodlanması (Coding and Classification of Diseases) (3 credits) The aim of informing students about the international classification of diseases , to inform about the importance of this classification and use in Turkey . *(This course is given in Turkish)*

SMAT101 Matematik (Mathematics) (3 credits) The aim of this course is to demonstrate basic math problem solving methods and to define basic terms as EBOB- EKOK rational numbers, real numbers and absolute value, multiplicity terms, exponential numbers and equation terms. *(This course is given in Turkish)*

ELECTIVES

IAY109 Afet Bilgisi (Disaster Knowledge) (3 credits) Physical for the people , economy , generating social and environmental losses , stopping normal life and of human activity or interruptions affecting interrupting communities , natural will not deal using the local possibilities and resources of the affected communities , technological or human events to reason that you develop measures and disaster can be taken before the onset of the disaster after that defines the work of improvement. *(This course is given in Turkish)*

SHT203 Araştırma Yöntem ve Teknikleri (Research Techniques and Methods) (3 credits) The aim of this course ; In this course, students ; The aim is to gain the competency to conduct research. *(This course is given in Turkish)*

DYZ104 Beslenme İlkeleri (Nutrition Principles) (3 credits) The aim of this course ; to introduce students to the concept of diet and nutrition to teach the students about diversity . Healthy eating , unhealthy diet, nutrition and weight benefits of protein , carbohydrates which mainly benefits such as nutrition and diet also offered to different types of information aims to clarify the question of the students will learn about nutrition . *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojileri (Information and Communication Technology) (3 credits) The aim of this course ; students , is to comprehend the importance of basic information technology. *(This course is given in Turkish)*

YSB203Yaşlı Psikolojisi (Geriatric Psychology) (3 credits) The aim of this course is to inform students about psychiatric problems seen in the elderly. Main topics : psychosocial function of the aging process , learning, emotions and their effects on physical capacity, the psycho-social aspects and

personality changes of aging in the elderly, neurological diseases markedly different characteristics in the elderly, the depression, and other similar problems occur in the elderly , advanced age anxiety disorder, elderly bipolar disorders(*This course is given in Turkish*)

SIKT101 İktisada Giriş (Introduction to Economics) (3 credits) The aim of this course ; students , the most effective use of exhaustible resources to meet the needs of the people , and to teach concepts related to increasing production of goods and services and the allocation of these resources is to ensure their use in practice . (*This course is given in Turkish*)

SHS257 Çevre Sağlığı (Environmental Health) (3 credits) The purpose of this course is to general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. (*This course is given in Turkish*)

SHS258 Çevre ve Sosyal Sorumluluk (Environmental & Social Responsibility) (3 credits) The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. (*This course is given in Turkish*)

CGL108 Eğitim Becerileri (Educational Skills) (3 credits) The aim of this course students ; pre-school education, why is it necessary , this training is to undergo a special training cause people to give this training while methods for answering questions such as what are to be used , on the other hand, healthy and How to reach permanent information is intended to also inform them how to create threads positive training atmosphere. (*This course is given in Turkish*)

TBD102 Etkili ve Güzel Konuşma Becerileri (Effective Speach Techniques) (3 credits) (*See General Education*)

TLT101 Genel Biyoloji (General Biology) (3 credits) Life 's chemical principles , atoms and organic compounds (carbohydrates, lipids , proteins, nucleic acids) identification, provide information about prokaryotic and eukaryotic cells and their properties by making the definition of cells , cell organelles and biological membranes announced by intracellular explain connections, principles and functions of chromosome inheritance to provide information about , to describe the cell division , mitosis and meiosis, the transport of genetic information (DNA, RNA , protein synthesis) and to provide information about innovations in the field of genetic diseases, explain biological systems and functions

SHT124 Genel Kimya (General Chemistry) (3 credits) The main objective of this course is to increase the level of basic knowledge in order to understand both the theoretical and practical vocational courses. (*This course is given in Turkish*)

SKI206 Giriřimcilik (Entrepreneurship) (3 credits) The aim of the entrepreneurial process and basic concepts and entrepreneurial behavior and attitudes to know the specifics, entrepreneurship can make behavior patterns in different environments , to ensure the development and entrepreneurship, leadership behaviors , evaluate may face opportunities as an entrepreneur and to show creativity in using different methods on how to overcome the difficulties . *(This course is given in Turkish)*

SKI108 Saęlık Sosyolojisi (Health Sociology) (3 credits) To students , social structure of society , its values and to acquaint them of the effects on health . *(This course is given in Turkish)*

IAY207 İleri Sürüş Teknikleri (Advanced Driving Techniques) (3 Credits) *(See General Education)*

SHS259 İş Saęlığı ve Güvenlięi (Work Health & Security) (3 credits) The main purpose of this course , especially in the working environment in the hospital setting to convey information about their personal protection methods . On the other hand the business environment protection methods, responsibilities to the worker's place of work , examining issues such as the interest of the safety of workers and employers expectations expectancy is among the topics . *(This course is given in Turkish)*

ODY105 İşaret Dili (Sign Language) (3 credits) The aim of the hearing impaired to communicate with each other , hand gestures and sign language that they created a visual language using facial expressions , to tell people without hearing impairment and also to teach . *(This course is given in Turkish)*

TBD106 Kiřilerarası İliřkiler (Interpersonal Relations) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SKI208 Müřteri İliřkileri Yönetimi (Consumer Relations Management) (3 credits) The purpose of this course , the health sector expectations and in line with the trend showing the lifelong development needs , have sufficient knowledge and skills in the field of differentiated and train medical secretaries. in health care facilities can play the secretariat services ; diagnosis of diseases , capable of recording transactions related to diagnosis and treatment , medical , capable of preparing administrative and statistical documents, which can be archived by editing documents, edit and archive , which can improve patient acceptance and preparing patients for examination and file operations, medical and findings obtained in scientific research in various fields of medical technology compilation , layout and so offer to put at the service of researchers. fulfilling tasks efficiently qualified to train their communication and health technicians with a strong sense of responsibility . *(This course is given in Turkish)*

SHS260 Psikolojik Danıřmanlık ve Rehberlik (Psychological Consultancy and Guidance) (3 credits) The aim of the family and the basic concepts in family counseling , a system of family , family life cycle , bowen family consultant , structural family counseling, experiential / humanitarian family consultant , systematic family consultant , cognitive behavioral family counseling to include a narrative counseling . *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 credits) The aim of this course ; health education training for students planning, application development and evaluation skills. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Services) (3 credits) The purpose of this course is to provide in the basic concepts required for modern logistics management approaches and Strategies needed in managing today's health, to gain knowledge and skills . Effective production of health services , in order to maintain efficient and uninterrupted right input at the right time , in the right quantity, at the right conditions and be involved in the process to is ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing In Health Services) (3 credits) The purpose of this course is to ; The Advantages of marketing activities in health Institutions ; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, Implementing , Evaluating and controlling ; health care purchasing behavior of buyers and decision-making Processes ; Factors affecting the satisfaction of the consumers , the marketing strategy for corporate image transmission development for health services is to inform about the basic Principles for the development . *(This course is given in Turkish)*

SHT206 Sağlık Hukuku ve Mevzuatı (Health Law and Legislation) (3 credits) The aim of this code if , by Identifying the scope of the legal problems faced by people Diagnosed and treated agreement is to contribute to the solution . *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to effective communication is Necessary in order to avoid possible conflicts in health care to evaluate the method . *(This course is given in Turkish)*

SKI102 Sağlık Kurumları Yönetimi (Health Institutions Management) (3 credits) The purpose of this course is to Health Care Management Provides a framework for addressing problems in health care management Organizations. By the end of the course it will have been exposed to many management ideas, Theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the Importance. *(This course is given in Turkish)*

SHS261 Sosyal Hizmetler (Social Services) (3 credits) The purpose of this course is to the definition of social services, Methods, Theories, disadvantaged groups, social history, children, family, group, community, non-governmental Organizations to analyze the concept of debate. *(This course is given in Turkish)*

SKI209 Stres Yönetimi (Stress Managemet) (3 credits) (See General Education)

SHT107 Temel Fizik (Basic Physics) The purpose of this course is a thorough introduction to classical physics to the provide. Developer scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the

various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She / he will also acquire basic knowledge of the equilibrium thermodynamics Processes, of restricted relativity (including the reformulation of Newtonian relativistic cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

SKI101 Yönetim ve Organizasyon (Management an Organization) (3 credits) The aim of this course; Management considerations relating to the management company under the discipline occurred in the last century, the theory discussions, current critics and new approaches is the content of the course. The goal of management trainees to acquire knowledge related to intellectual evolution of management is to improve discipline and foresight. *(This course is given in Turkish)*

SHT212 Tıbbi İngilizce I (Medical English I) (3 Credits) *(See General Education)*

SHT213 Tıbbi İngilizce II (Medical English II) (3 Credits) *(See General Education)*

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) *(See General Education)*

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) *(See General Education)*

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) *(See General Education)*

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) *(See General Education)*

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) *(See General Education)*

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) *(See General Education)*

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) *(See General Education)*

Medical Imaging Technologies (Turkish)

About Program

The aim of this program is to train experienced highly skilled health technicians who can work in the intervention and treatment involving radiological processes (radiotherapy, radiodiagnostik, ultrasonography, nuclear imaging, tomography etc.) used by specialist in health units. Students who graduate from this department are allowed to work in several units of hospitals such as Rontgen, computed tomography, magnetic resonance, angiography, nuclear medicine and radiotherapy units as well as private medical imaging centers and private clinics.

Goals

Fulfillment of the program's mission is assessed by the program's effectiveness and the degree to which the program achieves the goals and learning outcomes that will enable our students to succeed academically and professionally. Students will develop patient care focus by providing superior patient care. Students will demonstrate critical thinking skills in the clinical environment. Students will adopt a philosophy of life-long learning through continuing education and professional involvement. Students will embrace the MD Anderson core values of caring, integrity and discovery. Students will communicate effectively in a variety of settings.

Objectives

The radiologic technologist is a prominent member of the health care team focused on the diagnosis and treatment of human disease. Radiologic technologists work with ionizing radiation, radiopharmaceuticals, sound waves and magnetic fields to produce medical images in diagnostic imaging or radiology departments of hospitals and medical clinics or free-standing imaging centers. The total credits required for the satisfactory completion of the curriculum are 79 credits. The program additionally requires one internships enduring 30 work days.



CURRICULUM**1. SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
SHT105	Anatomi ve Fizyoloji	Yes	Yes	3 + 0	3
SHT107	Temel Fizik	Yes	Yes	3 + 0	3
TGT103	Tıbbi Görüntüleme I	Yes	Yes	4 + 0	4
SGSA101	Güzel Sanatlar	Yes	Yes	3 + 0	3
TGT105	Tıbbi Görüntüleme ve Tanı Merkezinde Organizasyon	Yes	Yes	2 + 0	2

[+] 1. Semester Elective Course List

Total :	19
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2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
TGT106	Tıbbi Görüntüleme II	Yes	Yes	1 + 8	5
TGT102	Radyasyon Güvenliği ve Radyasyondan Korunma	Yes	Yes	2+ 0	2
TGT104	Radyolojik İnceleme	Yes	Yes	2 + 0	2
SHT120	Tıbbi Etik ve Hasta Hakları	Yes	Yes	2+ 0	2
TGT209	Radyasyon Fiziği	Yes	Yes	4 + 0	4
TGT110	Radyolojik Anatomi	Yes	Yes	2+ 0	2

[+] 2. Semester Elective Course List

Total :	21
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*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TGT203	Nükleer Tıp	Yes	Yes	3 + 0	3
TGT207	Tıbbi Görüntüleme III	Yes	Yes	1 +8	5
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
TGT205	Radyolojide Modern Yöntemler ve Kontrastlı Radyoloji	Yes	Yes	4 + 0	4
SHS251	Seçmeli Ders I	No	Yes	3 + 0	3
TGT108	Görüntüleme Cihazlarının Yapısı	Yes	Yes	4 + 0	4
Total :					22

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TGT202	Radyoterapi	Yes	Yes	3 + 0	3
SHT108	Hastalıklar Bilgisi	Yes	Yes	3 + 0	3
SHT208	Mezuniyet Projesi	Yes	Yes	0 + 2	1
SHS252	Seçmeli Ders II	No	Yes	3 + 0	3
SYAD202	Yabancı Dil II	Yes	Yes	3 + 0	3
SHT253	Seçmeli Ders III	No	Yes	3 + 0	3
SHT112	Temel İlk Yardım	Yes	Yes	1 + 0	1
Total :					17

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
PTL103	Adli Tıp	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3
SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
Code	Course Title	*C	**A	***L+P Hours	Credits
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3
CGL108	Eğitim Becerileri	No	Yes	3 + 0	3
TBD102	Etkili ve Güzel Konuşma Teknikleri	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
SKI206	Girişimcilik	No	Yes	3 + 0	3
SHT201	Halk Sağlığı	No	Yes	3 + 0	3
SKI 208	Hastane Bilgi İşlem Sistemler	No	Yes	3 + 0	3
SHS259	İş Sağlığı ve Güvenliği	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3
TBD106	Kişilerarası İlişkiler	No	Yes	3 + 0	3
SMAT101	Matematik	No	Yes	3 + 0	3
SKI208	Müşteri İlişkileri Yönetimi	No	Yes	3 + 0	3
PTL108	Patolojide Özel Teknikler	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SHS260	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
SHT122	Sağlık Eğitimi	No	Yes	3 + 0	3
SKI 207	Sağlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Sağlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3
SKI205	Sağlık İletişimi	No	Yes	3 + 0	3
SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	3
SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SKI110	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3

SHS261	Sosyal Hizmetler	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3
SISL102	Temel İşletme	No	Yes	3 + 0	3
SHT212	Tıbbi İngilizce I	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SHT213	Tıbbi İngilizce II	No	Yes	3 + 0	3
SHT101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
Grand Total					79

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I (Principles of Atatürk & History of Turkish Revolution I) (2 Credits) *(See General Education)*

STRD111 Türk Dili I (Turkish Language I) (2 Credits) *(See General Education)*

SHT105 Anatomi ve Fizyoloji (Anatomy and Physiology) (3 credits) The purpose of this course is designed to present a comprehensive study of the anatomy and physiology of the human body. Topics include body organization; homeostasis; cytology; histology; and the integumentary, skeletal, muscular, nervous systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships *(This course is given in Turkish)*

SHT107 Temel Fizik (Basic Physics) (3 credits) The purpose of this course is to provide a thorough introduction to classical physics. Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basic applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanics. *(This course is given in Turkish)*

TGT103 Tıbbi Görüntüleme I (Medical Imaging I) (4 credits) The purpose of this course is to provide the basic concepts of value radiology. Radiography image the formation x - ray effects, x - ray tissue interaction, learning the radiography apparatus and equipment. proper use of radiography devices, radiological image quality and error-free is to know in order to obtain the necessary actions and items. *(This course is given in Turkish).*

SGSA101 Güzel Sanatlar (Fine Arts) (3 credits) The purpose of this course is to provide general knowledge that related architecture as a subtype of fine arts. It also aims to help students to criticize their environment from the aspect of different architectural concepts. *(This course is given in Turkish).*

SATA102 Atatürk İlkeleri ve İnkılap Tarihi II (Principles of Atatürk & History of Turkish Revolution II) (2 Credits) *(See General Education)*

STRD102 Türk Dili II (Turkish Language II) (2 Credits) *(See General Education)*

TGT106 Tıbbi Görüntüleme II (Medical Imaging II) (5 credits) The purpose of this course is designed to mainly for practical part is, students receive training in a large number of modalities. In this application courses, carry out this practice across all viewing devices respectively in an order determined students. These periods are enough students to come up to the level that recognize have used devices. In this second application class, with digital X-ray and fluoroscopy techniques esophagus, stomach, duodenum, small intestine and large intestine on the experience gained movies and medicated urography techniques. Besides, the film focuses on quality and shooting. *(This course is given in Turkish). Prerequisite: TGT103)*

TGT102 Radyasyon Güvenliđi ve Radyasyondan Korunma (Radiation Safety and Radiation Protection) (2 credits) The purpose of this course to provide radiation protection is to provide an appropriate level of protection for humans without unduly limiting the beneficial actions giving rise to radiation exposure. Radiation protection is to prevent the occurrence of harmful deterministic effects and to reduce the probability of occurrence of stochastic effects (e.g. cancer and hereditary effects). During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish).*

TGT104 Radyolojik İnceleme (Radiological Examination) (2 credits) The purpose of this course is to provide the resources to improve public health to help use the appropriate, correct radiological imaging method is effective and contributes to use in an efficient manner and radiological examination of the process guidance by defining in general. Radiography also learn the principles of operation of the imaging device used. Radiography in lanoratuvar perform shooting under suitable conditions. *(This course is given in Turkish).*

SHT120 Tıbbi Etik ve Hasta Hakları (Medical Ethics and Patient Rights) (2 credits) The purpose of this course is to provide medical ethics and aims to give a general and basic information about patients' rights. The necessity of taking care obligations in respect of information aims to provide explanatory information. *(This course is given in Turkish).*

TGT209 Radyasyon Fiziđi (Radiation Physics) (4 credits) The purpose of this course is to designed to the subject of remote sensing naturally requires a basic knowledge of the radiation physics. Especially important are the methods for describing the angular and spectral fields of radiation and the way that radiation is influenced by emission, absorption and reflection (or scattering) from solid and liquid surfaces, small particles and gases. *(This course is given in Turkish)*

TGT110 Radyolojik Anatomi (Radiological Anatomy) (2 credits) The purpose of this course is to provide a the radiological terms are explained. The bones and the articulations are defined. The students register the anatomical structures of head radiography, body radiography and extremity radiography. The anatomy of lung and respiratory tract are explained. The anatomies of stomach and perito are defined. The student learn the anatomy of heart, artery and vein. The spinal cord is defined. The anatomy of digestive tract is explained *(This course is given in Turkish).*

TGT203 Nükleer Tıp (Nuclear Medicine) (3 credits) The purpose of this course is to provide a the radiologic anathomy course is to define what scintigraphy is in nuclear medicine and its functions. It is to explain what the radioactivity preparation and prevention. It is to define the warm room and working conditions in nuclear medicine. It is to describe radiation protection functions and ways *(This course is given in Turkish).*

TGT207 Tıbbi Görüntüleme III (Medical Imaging III) (5 credits) The purpose of this course is to provide a mainly for practice, students receive training in a large number of modalities. In this application courses, carry out this practice across all viewing devices respectively in an order determined students. These periods are enough students to come up to the level that recognize have used devices. This is the third practice course, cross-sectional imaging techniques like computed tomography and magnetic resonance closely the structure of the device to be seen, is related to the learning and use of the device in the patient position positive updates. The definition of normal anatomic structures in the image, and displayed how that practice shooting on the film's quality of pathology among other goals. *(This course is given in Turkish). Prerequisite: CGL211)*

TGT205 Radyolojide Modern Yöntemler ve Kontrastlı Radyoloji (Advanced Imaging Modalities in Radiology) (4 credits) The purpose of this course is to teach the information and skills of fluoroscopic, angiographic, magnetic resonance and computer aided tomography imaging techniques in the classroom. *(This course is given in Turkish).*

SYAD201 Yabancı Dil I (Foreign Language I) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing,speaking, reading and perceptipon) *(This course is given in Turkish)*

TGT108 Görüntüleme Cihazlarının Yapısı (Structure of the Imaging Device) (4 credits) The purpose of this course is to provide a varieties have increased compared to the developments in medicine and technology, and continues to increase. Competent more of these devices having a complicated structure and must be used by knowledgeable hands. Therefore, technicians must be familiar with the structure of the said device. As well as the technicians should be able to maintain the device. The course structure of these devices, components, information about the operation and maintenance principles and skills will be gained. *(This course is given in Turkish).*

SHT108 Hastalıklar Bilgisi (Disease Knowledge) (3 credits) The purpose of this course is to provide the basic concepts (human, disease, health, stress, homeostasis, pain), digestive system diseases, respiratory system diseases, cardiovascular system diseases, urinary system diseases, endocrine system diseases, blood diseases, nervous system diseases, musculoskeletal diseases , sexually transmitted diseases, cancer, food poisoning, sensory system diseases (eye and skin diseases) is the learned. *(This course is given in Turkish).*

TGT208 Radioterapi (Radiotherapy) (3 credits) The purpose of this course is to provide to the radiotherapy course is to knowledge and skills related to the treatment scheme, understanding radiotherapy treatment, giving general information about radiotherapy apparatus to inform students about radiotherapy. *(This course is given in Turkish).*

SHT208 Mezuniyet Projesi (Graduation Project) (1 credits) The purpose of this course is to provide to abasic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health. *(This course is given in Turkish).*

SHT112 Temel İlk Yardım (Basic First Aid) (1 credits) The purpose of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish).*

SYAD202 Yabancı Dil II (Foreign Language II) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing,speaking, reading and perceptipon) *(This course is given in Turkish)*

ELECTIVES

IAY109 Afet Bilgisi (Disaster Information) (3 credits) The purpose of this course is to provide a supportive planning procedure in natural disaster process from the aspect of negative effects as physical, economic, social psychological. It also aims to provide general information about constructing a defence mechanism and coping methods in this period by using local sources and human supports (*This course is given in Turkish*)

PTL103 Adli Tıp (Forensic Medicine) (3 credits) The purpose of this course is to provide information on general pathology in the human body. In addition, the functions of the pathology laboratory as well as in general terms this course teaches pathology and practices. During the course, students will learn about the pathology department and learn the routine functions. In addition, the functions of the pathology of responsibility, learn the organization and authority (*This course is given in Turkish*).

SHT203 Araştırma Yöntem ve Teknikleri (Research Methods and Techniques) (3 credits) The purpose of this course is to provide general knowledge about research techniques for conducting proper research. Moreover, this course also aims to demonstrate two basic types of researches as qualitative and quantitative research methods. At the end of this course students are expected to conduct experimental work by using both these theories (*This course is given in Turkish*)

DYZ104 Beslenme İlkeleri (Nutrition Principles) (3 credits) The aim of this course is to define nutrition concepts and its variety for student. Healthy and unhealthy nutrition principles, protein focused nutrition principles and its strengths and limitations, carbohydrate focused nutrition principles and its strengths and limitations, a variety of dietary principles and to provide basic info about nutrition terms. (*This course is given in Turkish*)

SKI204 Bilgi ve İletişim Teknolojileri (Data and Process Technology) (3 credits) The purpose of this course is to comprehend the importance of basic information technology. Computer hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. (*This course is given in Turkish*)

SBLG101 Bilgisayara Giriş (Basic Computer Skills) (3 credits) The purpose of this course is to comprehend general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, students will have knowledge about internet, network, wire and wireless connections (*This course is given in Turkish*)

SHT104 Biyoistatistik (Biostatistics) (3 credits) The purpose of this course is to provide we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. (*This course is given in Turkish*)

SHS258 Çevre ve Sosyal Sorumluluk (Environment and Social Responsibility) (3 credits) The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, air pollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environmental Health) (3 credits) The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, air pollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

CGL108 Eğitim Becerileri (Education Skills) (3 credits) The purpose of this course is to provide students, is necessary to cause pre-school education, the training must go through a special training people reason to give this training while methods for answering questions such as what are to be used, on the other hand, healthy and how does it achieve lasting knowledge, positive training atmosphere How to create the issues it aims to inform *(This course is given in Turkish)*.

TBD102 Etkili ve Güzel Konuşma Teknikleri (Effective Speaking Techniques) (3 credits) *(See General Education)*

TLT101 Genel Biyoloji (General Biology) (3 credits) The purpose of this course is to provide of the chemical basis of life, atoms and organic compounds (carbohydrates, lipids, proteins, nucleic acids) identification, provide information about prokaryotic and eukaryotic cells and their properties by making the definition of cells, cell organelles and biological membranes announced by intracellular explain the connection, the basic inheritance provide information about the principles and functions of chromosomes to identify cell division, mitosis and meiosis, the transport of genetic information (DNA, RNA, protein synthesis) and to provide information about innovations in the field of genetic diseases, explain biological systems and functions. *(This course is given in Turkish)*

SHT124 Genel Kimya (Basic Chemistry) (3 credits) The purpose of this course is to provide the level of basic knowledge in order to understand both the theoretical and practical vocational courses. *(This course is given in Turkish)*

SKI206 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. *(This course is given in Turkish)*

SHT201 Halk Sağlığı (Public Health) (3 credits) The purpose of this course is to provide general information for students that related to public health define its termination as mother-child health, adolescence health, work health and family planning and health education. *(This course is given in Turkish)*

SHT108 Hastalıklar Bilgisi (Knowledge of Disease) (3 credits) The purpose of this course is to provide the basic concepts (human, disease, health, stress, homeostasis, pain), digestive system diseases, respiratory system diseases, cardiovascular system diseases, urinary system diseases, endocrine system diseases, blood diseases, nervous system diseases, musculoskeletal diseases , sexually transmitted diseases, cancer, food poisoning, sensory system diseases (eye and skin diseases) is the learned. *(This course is given in Turkish)*

SKI208 Hastane Bilgi İşlem Sistemler (Hospital Computer Systems) (3 credits) The purpose of this course is to provide the health sector expectations and in line with the trend showing the lifelong development needs, have sufficient knowledge and skills in the field of differentiated and train medical secretaries. in health care facilities that can be executed by the secretariat services; diagnosis of diseases, capable of recording transactions related to diagnosis and treatment, medical, capable of preparing administrative and statistical documents, which can be archived by editing documents, edit and archive, which can improve patient acceptance and preparing patients for examination and file operations, medical and findings obtained in scientific research in various fields of medical technology compilation, layout and so offer to put at the service of researchers. fulfilling tasks efficiently qualified to train their communication and health technicians with a strong sense of responsibility. *(This course is given in Turkish)*

SHS259 İş Sağlığı ve Güvenliği (Occupational Health and Safety) (3 credits) The purpose of this course is to provide especially in the working environment in the hospital setting to convey information about their personal protection methods. On the other hand the business environment protection methods, responsibilities to the worker's place of work, examining issues such as the interest of the safety of workers and employers expectations expectancy is among the topics *(This course is given in Turkish)*

ODY105 İşaret Dili (Sign Language) (3 credits) The purpose of this course is to demonstrate basic sign language by using mimics jests and main characteristics of this language. Moreover, this course also aims to provide the basic knowledge about Turkish sign language and world sign language and their similarities and differences in accordance to today's sign international sign language. It also aims to provide basic grammar rules about sign language and its constructions. *(This course is given in Turkish)*

TBD106 Kişilerarası İlişkiler (Interpersonal Relationship) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish).*

SMAT101 Matematik (Mathematics) (3 credits) The purpose of this course is to provide the mathematical logic process with on fundamental concepts, analysis and base arithmetic, the only ones left pane, divisibility rules, Ebob-Ekok To understand the concept of rational numbers, real numbers, absolute value, exponential and radical expressions of understanding, factorization, rates - proportion, to introduce the concepts of equations and problems. *(This course is given in Turkish).*

SKI208 Müşteri İlişkileri Yönetimi (Customer Relations Management) (3 credits) The purpose of this course is to provide emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans

and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

PTL108 Patolojide Özel Teknikler (Special Techniques in Pathology) (3 credits) The purpose of this course is to provide implement safe working principles of the pathology laboratory, using light microscopes and maintenance gain skills, recognition of laboratory equipment and use, preparing to follow tissue from the body, ensuring the preparation and fixation, fixatives, microtome and winning the section preparation skills cryostat, bringing the case to be examined under the microscope of tissues. understanding and implementation of routine and histone cytopathologically techniques used in pathology laboratories. Application of conventional dyes commonly used in pathology laboratories, Analysis of paint defects. *(This course is given in Turkish).*

SHS260 Psikolojik Danışmanlık ve Rehberlik (Psychological Counseling and Guidance) (3 credits) The purpose of this course is to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 credits) The purpose of this course is to demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Services) (3 credits) The purpose of this course is to provide in the basic concepts required for modern logistics management approaches and Strategies needed in managing today's health, to gain knowledge and skills . Effective production of health services , in order to maintain efficient and uninterrupted right input at the right time , in the right quantity, at the right conditions and be involved in the process to is ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing In Health Services) (3 credits) The purpose of this course is to ; The Advantages of marketing activities in health Institutions ; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, Implementing , Evaluating and controlling ; health care purchasing behavior of buyers and decision-making Processes ; Factors affecting the satisfaction of the consumers , the marketing strategy for corporate image transmission development for health services is to inform about the basic Principles for the development .*(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to provide effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish).*

SKI102 Sağlık Kurumları Yönetimi (Health Institutions Management) (3 credits) The purpose of this course is to Health Care Management Provides a framework for addressing problems in health care management Organizations. By the end of the course it will have been exposed to many management ideas, Theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the Importance. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Health) (3 credits) The purpose of this course is to basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish).*

SHS261 Sosyal Hizmetler (Social Services) (3 credits) The purpose of this course is to provide the definition of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate. *(This course is given in Turkish).*

SKI209 Stres Yönetimi (Stress Management) (3 credits) *(See General Education)*

SHT107 Temel Fizik (Basic Physics) (3 credits) The purpose of this course is to provide a thorough introduction to classical physics. Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

SISL102 Temel İşletme (Basic Business) (3 credits) The purpose of this course is to provide the establishment of business students, the basic concepts of business management and continuity and to assist in working life, to gain competencies in the application. *(This course is given in Turkish).*

SKI101 Yönetim ve Organizasyon (Management an Organization) (3 credits) The aim of this course; Management considerations relating to the management company under the discipline occurred in the last century, the theory discussions, current critics and new approaches is the content of the course. The goal of management trainees to acquire knowledge related to intellectual evolution of management is to improve discipline and foresight. *(This course is given in Turkish)*

SHT212 Tıbbi İngilizce I (Medical English I) (3 Credits) *(See General Education)*

SHT213 Tıbbi İngilizce II (Medical English II) (3 Credits) *(See General Education)*

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) *(See General Education)*

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) *(See General Education)*

SGSA107 Saęlık ve Tiyatro (Health and Theater) (3 credits) (See General Education)

SGSA109 Saęlık Kltr (Health Culture) (3 credits) (See General Education)

SGSA111 Saęlık ve Sanat (Health and Art) (3 credits) (See General Education)

SGSA113 Saęlık ve Mimarlık (Health and Architecture) (3 credits) (See General Education)

SGSA115 Saęlık ve Sinema (Health and Cinema) (3 credits) (See General Education)

Medical Laboratory Technologies (Turkish)

About Program

This program aims to train laboratory technicians in basic laboratory skills and can work in any units of medical laboratory technologies such as biochemistry, microbiology, endocrinology and blood banks.

Over the past decade health services have increased their quality and accreditation and therefore the need for qualified staff in this sector has also increased. The students are also allowed to attend other department's lectures as a double major or lateral major or minor student in order to increase their experiences and skills. *Students who graduate* from this department can work in hospitals and medical laboratories.

Goals

This program focuses on the analysis of human blood and body fluids for microorganisms and cellular and chemical components. compatibility testing of blood and blood products, plus preparation of tissue samples for microscopic examination, are also covered.

Objectives

The medical laboratory technology programme aims to train qualified staff who have knowledge and skill at laboratories required by the health care sector through theoretical and practical applications education.

The total credits required for the satisfactory completion of the curriculum are 81 credits. The program additionally requires one internships enduring 40 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
SGSA101	Güzel Sanatlar	Yes	Yes	3 + 0	3
TGT105	Tıbbi Görüntüleme ve Tanı Merkezlerinde Organizasyon	Yes	Yes	3 + 0	2
SHT109	Tıbbi Terminoloji	Yes	Yes	3 + 0	3
TLT103	Laboratuvarda İş Güvenliği	Yes	Yes	2 + 0	2
SMAT101	Genel Biyoloji	Yes	Yes	3 + 0	3
SHT105	Anatomi ve Fizyoloji	Yes	Yes	3 + 0	3
Total :					20

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili I	Yes	Yes	2 + 0	2
TLT106	Tıbbi Mikrobiyoloji I	Yes	Yes	3 + 2	4
TLT104	Tıbbi Biyoloji ve Genetik	Yes	Yes	3 + 0	3
SHT111	Biyokimya	Yes	Yes	3 + 0	3
SISL102	Enfeksiyon Kontrol ve Sterilizasyon Esasları	Yes	Yes	3 + 0	3
TLT202	Klinik Laboratuvar Uygulamaları I	Yes	Yes	1 + 8	5
Total :					22

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TLT207	Klinik Biyokimya	Yes	Yes	3 + 2	4
TLT205	Tıbbi Mikrobiyoloji II	Yes	Yes	2 + 2	3
TLT203	Klinik Laboratuvar Uygulamaları II	Yes	Yes	1 + 8	5
TLT204	Moleküler Biyolojik Yöntemler	Yes	Yes	3 + 0	3
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
SHT108	Hastalıklar Bilgisi	Yes	Yes	3 + 0	3
Total :					21

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
TLT102	Hematoloji	Yes	Yes	3 + 2	4
TLT206	Parazitoloji	Yes	Yes	2 + 0	2
SKI208	İmmünolojik Yöntemler	Yes	Yes	3 + 2	4
SHT208	Mezuniyet Projesi	Yes	Yes	0 + 2	1
SHT112	İlk Yardım	Yes	Yes	1 + 0	1
SYAD202	Yabancı Dil II	Yes	Yes	3 + 0	3
	Seçmeli Ders I	Yes	Yes	3 + 0	3
Total :					18

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3
CGL115	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
CGL108	Eğitim Becerileri	No	Yes	3 + 0	3
TBD102	Etkili ve Güzel Konuşma Teknikleri	No	Yes	3 + 0	3
CGL110	Gelişim Psikolojisi	No	Yes	3 + 0	3
SKI206	Girişimcilik	No	Yes	3 + 0	3
SHT201	Halk Sağlığı	No	Yes	3 + 0	3
SHT108	Hastalıklar Bilgisi	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SHS259	İş Sağlığı ve Güvenliği	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3
TBD106	Kişilerarası İlişkiler	No	Yes	3 + 0	3
SKI212	Müşteri İlişkileri Yönetimi	No	Yes	3 + 0	3
CGL112	Okul Öncesinde Fen ve Matematik Eğitimi	No	Yes	3 + 0	3
CGL111	Öğretim İlke ve Yöntemleri	No	Yes	3 + 0	3
SHS260	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
CGL113	Psikolojiye Giriş	No	Yes	3 + 0	3
SHT122	Sağlık Eğitimi	No	Yes	3 + 0	3
SKI207	Sağlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Sağlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SHT206	Sağlık Hukuku ve Mevzuatı (Seçmeli Ders)	No	Yes	3 + 0	
SHT206	Sağlık Hukuku ve Mevzuatı	No	Yes	3 + 0	
SKI205	Sağlık İletişimi	No	Yes	3 + 0	
SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	
SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SKI108	Sağlık Sosyolojisi	No	Yes	3 + 0	3
SKI110	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3
SHS261	Sosyal Hizmetler	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SHT202	Tıbbi İngilizce	No	Yes	3 + 0	3
SKI101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
SMAT101	Matematik	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
CGL116	Güzel Sanatlar	No	Yes	3 + 0	3
Grand Total					81

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I (Principles of Atatürk & History of Turkish Revolution I) (2 Credits) *(See General Education)*

STRD111 Türk Dili I (Turkish Language I) (2 Credits) *(See General Education)*

SHT105 Anatomi ve Fizyoloji (Anatomy and Physiology) (3 credits) The purpose of this course is designed to present a comprehensive study of the anatomy and physiology of the human body. Topics include body organization; homeostasis; cytology; histology; and the integumentary, skeletal, muscular, nervous systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. *(This course is given in Turkish)*

TLT101 Genel Biyoloji (General Biology) (3 credits) The purpose of this course is to define basic terms related to biology as carbohydrates, lipids, proteins, nucleic acids, cell and its construction, biological membrane, cell cytoplasm, cytokinesis and nuclear divisions, DNA RNA, protein synthesis, genetic illnesses, genetic vulnerability and the other biological concepts. Life's chemical principles, atoms and organic compounds (carbohydrates, lipids, proteins, nucleic acids) identification, provide information about prokaryotic and eukaryotic cells and their properties by making the definition of cells, cell organelles and biological membranes announced by intracellular explain connections, principles and functions of chromosome inheritance to provide information about, to describe the cell division, mitosis and meiosis, the transport of genetic information (DNA, RNA, protein synthesis) and to provide information about innovations in the field of genetic diseases, explain biological systems and functions. *(This course is given in Turkish)*

SHT109 Tıbbi Terminoloji (Medical Terminology) (3 credits) The purpose of this course is to provide general information about the basics of medical terminology for those who study the health disciplines and health institutions. Moreover, this lecture aims to help students communicate with their colleagues and other health personnel and make it easier to learn the meaning of manmade structures and classification of diseases and related information to teach. *(This course is given in Turkish)*

SGSA101 Güzel Sanatlar (Fine Arts) (3 credits) This course is designed to evaluate 20th century art historically in the context of Modernism. Through chapters, readings, and case analyses, we will focus on key moments and stylistic trends, as well as, social and cultural relationships in the history of modern art from the late 19th century to mid 20th century. During the lectures, students will be exposed to the subject by means of text, lecture, discussion, and use of audio/visual resources. *(This course is given in Turkish)*

TLT103 Laboratuvarda İş Güvenliği (Job Safety at Laboratories) (2 credits) The purpose of this course is designed to prepare students to be managers for the increasingly competitive business world. The emphasis of this course will be on the international business environment and the challenges of the multinational enterprise (MNE) in crafting global business strategies. Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about trade and investment, global strategy, structure and implementation, world financial environments, managing international operations. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish)*

SATA102 Atatürk İlkeleri ve İnkılap Tarihi II (Principles of Atatürk & History of Turkish Revolution II) (3 Credits) (*See General Education*)

STRD102 Türk Dili II (Turkish Language II) (2 Credits) (*See General Education*)

TLT106 Tıbbi Mikrobiyoloji I (Medical Microbiology I) (4 credits) The purpose of this course is to designed to convey general concepts, methods, and applications of microbiology for health sciences. The role of microorganisms in the human disease is discussed. Topics include: immunology, bacteriology, virology, and mycology; the morphology, biochemistry, and physiology of microorganisms including bacteria, viruses, and fungi; the elementary knowledge about diseases caused by these microorganisms and their treatments, and the immunologic, pathologic, and epidemiological factors associated with diseases. (*This course is given in Turkish*)

TLT104 Tıbbi Biyoloji ve Genetik (Medical Biology and Genetics) (3 credits) The purpose of this course is to examine the main component of cell biology for establishing background for medical students. The emphasis of this course will be on nucleic acids and chromosome and gene regulation. Through chapters, we will discuss issues related to genetic code of mitochondria and cell, functional and non-functional RNA types, post-transcriptional regulation, protein synthesis steps occurring in cell, human genome organization, mutagenesis and main types, genetic control mechanisms. Such knowledge will better equip students to understand cell biology and genetics and the roles of cell components play in addressing the issues related to cell physiology and diseases in medicine. (*This course is given in Turkish*) Prerequisite: TLT101)

SHT111 Biyokimya (Biochemistry) (3 credits) The purpose of this course is to provide general information about biochemistry and the concept of learning and teaching of chemical structure and properties of biological molecules in living organisms, in addition to learn metabolism, anabolism and catabolism of biochemical reactions. Moreover, this Lesson aims to evaluate the main effective about the human body and animals. During the lectures, students will be taking on have the skills concepts of basic biochemistry, learn about the properties of water and aqueous solutions, chemical structure, properties and metabolism of biological molecules. Finally, students are expected to attend biochemical reactions anabolism and catabolism examination and understanding of the importance to terms of living. (*This course is given in Turkish*)

SHT116 Enfeksiyon Kontrol ve Sterilizasyon Esasları (Infection Control and Principles of Sterilization)(3 credits) The purpose of this course is to provide information about the sterilization method to promote infection control and to prevent hospital infections. Topics include: operating room, intensive care, intensive care units, the infection, hospital infections, sterilization methods. (*This course is given in Turkish*)

TLT202 Tıbbi Laboratuvar Uygulamaları I (Medical Laboratory Clinical Practice I) (5 credits) The aim of this course , students practice rules that should be followed in hospital operation in hospital , will have general and detailed information about their programs. They will do the job description as a technician inmedical laboratories units are made by the responsible nurses and technicians . how it should be approached with patients, beam delivery, will have information about how to use the device. (*This course is given in Turkish*)

TLT207 Klinik Biyokimya (Clinical Biochemistry) (4 credits) This theoretical and practical lecture cover the most areas of Clinical Biochemistry. Analyses performed in the clinical biochemistry laboratory are classified according to function or organ system. Clinical biochemistry include protein,

carbohydrates and lipid metabolism and its related disorders, clinical enzymology, kidney function tests, liver function tests, biochemical markers of bone, heart and tumors. The principles of testing methods and the biochemical changes that occur in disease states are covered. General laboratory principles, laboratory safety, laboratory quality assessment will be applied to the lessons. Laboratory will include collection and processing of blood and urine specimens, quality control and diagnostic tests for common clinical tests. *(This course is given in Turkish) Prerequisite: SHT111*

TLT205 Tıbbi Mikrobiyoloji (Medical Microbiology II) (3 credits) The purpose of this course is optimize the diagnosis, treatment and prognosis for specific diseases using standard microbiological methods of bacterial , fungal and viral identification *(This course is given in Turkish) Prerequisite:TLT106*

TLT203 Tıbbi Laboratuvar Uygulamaları II (Medical Laboratory Clinical Practice II) (5 credits) The aim of this course , students practice rules that should be followed in hospital operation in hospital , will have general and detailed information about their programs. They will do the job description as a technician inmedical laboraties units are made by the responsible nurses and technicians . how it should be approached with patients, beam delivery, will have information about how to use the device. *(This course is given in Turkish) Prerequisite:TLT202*

SYAD201 Yabancı Dil (Foreign Language I) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing, speaking, reading and perceptipon). *(This course is given in Turkish)*

TLT204 Moleküler Biyolojik Yöntemler (Molecular Biologic Technics) (3 credits) The purpose of this course is to of DNA , RNA structure , DNA and RNA isolation methods, Polymerase Chain Reaction Types, Electrophoresis and types, Blot to Techniques, Introduction to cell culture , cell passaging. *(This course is given in Turkish)*

SHT108 Hastalık Bilgisi (Disease Knowledge) (3 credits) The purpose of this course is to provide general information about infectious illness that related to prenatal, infant and early adolescent periods and so on. Moreover, this lecture also focuses on the developmental childhood disorders as well as childhood illness and evaluates them by using different psychology approaches such as genetic, biological, cognitive and family systemic approaches. *(This course is given in Turkish)*

TLT206 Parazitoloji (Parasitology) (2 credits) The purpose of this course is to basic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health. *(This course is given in Turkish)*

TLT102 Hematoloji (Hematology) (4 credits) The purpose of this course is to structure and general properties of the blood , erythrocytes and general characteristics, leukocytes and general features , platelets, and to obtain information about the general characteristics of the hemoglobin structure, coagulation system and explain the disease associated with the system , bone marrow, To provide students with information about diagnostics in hematology. *(This course is given in Turkish)*

SYAD202 Yabancı Dil II(Foreign Language II) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing, speaking, reading and perceptipon). *(This course is given in Turkish)*

SHT112 İlk Yardım (First Aid) (1 credits) The main aim of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish)*

SHT208 Mezuniyet Projesi (Graduation Project) (1 credit) Basic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health. *(This course is given in Turkish)*

ELECTIVES

IAY109 Afet Bilgisi (Disaster Information) (3 credits) This course aims to teach a supportive planning procedure in natural disaster process from the aspect of negative effects as physical, economic, social psychological. It also aims to provide general information about constructing a defence mechanism and coping methods in this period by using local sources and human supports. *(This course is given in Turkish)*

SHT203 Araştırma Yöntem ve Teknikleri (Research Methods and Techniques) (3 credits) The purpose of this course is to provide general knowledge about research techniques for conducting proper research. Moreover, this course also aims to demonstrate two basic types of researches as qualitative and quantitative research methods. At the end of this course students are expected to conduct experimental work by using both these theories. *(This course is given in Turkish)*

DYZ104 Beslenme İlkeleri (Nutrition Principles) (3 credits) The aim of this course is to define nutrition concepts and its variety for student. Healthy and unhealthy nutrition principles, protein focused nutrition principles and its strengths and limitations, carbohydrate focused nutrition principles and its strengths and limitations, a variety of dietary principles and to provide basic info about nutrition terms. *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojileri (Knowledge and Communication Technologies) (3 credits) The purpose of this course is to comprehend the importance of basic information technology. Computer hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. *(This course is given in Turkish)*

SBLG101 Bilgisayara Giriş (Basic Computer Skills) (3 credits) The purpose of this course is to this lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SHT104 Biyoistatistik (Biostatistics) (3 credits) The purpose of this course is to we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression

techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

TLT108 Biyokimyada Özel Tetkikler (Special Techniques of Biochemistry) (3 credits) The purpose of this course provides general information about biochemistry and the concept of learning and teaching of chemical structure and properties of biological molecules in living organisms, in addition to learn metabolism, anabolism and catabolism of biochemical reactions. Moreover, this Lesson aims to evaluate the main effective about the human body and animals. During the lectures, students will be taking on have the skills concepts of basic biochemistry, learn about the properties of water and aqueous solutions, chemical structure, properties and metabolism of biological molecules. Finally, students are expected to attend biochemical reactions anabolism and catabolism examination and understanding of the importance to terms of living. *(This course is given in Turkish)*

SHS258 Çevre ve Sosyal Sorumluluk (Environment and Social Responsibility) (3 credits) The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environmental Health) (3 credits) The purpose of this course is to general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

CGL108 Eğitim Becerileri (Education Skills) (3 credits) The purpose of this course is to provide both a cognitive and experiential approach to Human and Children's rights education. Moreover, the course seeks to provide a venue for discussion of Human and Children's Rights so that these issues become relevant components of the everyday lives, consciousness and goals as professional educators and students of education. *(This course is given in Turkish)*

TBD102 Etkili ve Güzel Konuşma Teknikleri (Effective Speaking Techniques) (See General Education)

PTL101 Genel Patoloji (General Pathology) (3 credits) The purpose of this course is to provide general information about pathology of human body. Moreover, this Lecture aimst teach the pathology laboratory functioning and practices and general terms in the pathology. During the lectures, students will be identify the pathology departments and will know the routine function, organization, authorization and responsibility of pathology. *(This course is given in Turkish)*

SHT124 Genel Kimya (General Chemistry) (3 credits) This course aims to help student for developing their basic knowledge level in both applying and theoretical course and provide basic information that related to those courses. *(This course is given in Turkish)*

SKI206 Giriřimcilik (Entrepreneurship) (3 credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. *(This course is given in Turkish)*

SHT201 Halk Saęlıęı(Public Health) (3 credits) This course aims to provide general information for students that related to public health define its termination as mother-child health, adolescence health, work health and family planning and health education. *(This course is given in Turkish)*

SKI208 Hastane Bilgi İřlem Sistemleri (Hospital Information Processing Systems) (3 credits) This course is intended for health sector expectations and showing the lifelong development trends in their needs, have sufficient knowledge and skills in a differentiated and space to train medical secretaries. in health care facilities that can be executed by the secretariat services ; diagnosis of diseases , capable of recording transactions related to diagnosis and treatment , medical , capable of preparing administrative and statistical documents, which can be archived by editing documents, edit and archive , which can improve patient acceptance and preparing patients for examination and file operations, medical and findings obtained in scientific research in various fields of medical technology compilation , layout and so offer to put at the service of researchers. fulfilling tasks efficiently qualified to train their communication and health technicians with a strong sense of responsibility . *(This course is given in Turkish)*

SHT119 Histoloji (Histology) (2 credits) The purpose of this course is to provide general information about the underlying tissues in human tissues, and cellular basis of tissue faklılıklarını classification by identifying with a group of specialized cells, which are represented in which tissue to grasp. To be informed about the systems in humans. *(This course is given in Turkish)*

TLT110 Hormon Biyokimyası (Hormone'sBiochemistry)(3 credits) General properties and mechanisms of action of hormones, the hypothalamus and pituitary hormones, adrenal cortex and medulla hormones, thyroid gland hormones , pancreas gland hormones , gonads and pregnancy hormones, calcium and phosphorus metabolism regulating hormones, metabolism integration. *(This course is given in Turkish)*

IAY207 İleri Sürüş Teknikleri (Advanced Driving Techniques) (3 credits) *(See General Education)*

SHS259 İş Saęlıęı ve Güvenlięi (Work Health and Safety) (3 credits) The aim of this lecture is to provide basic knowledge in order to protect themselves in working environments such as health services. Moreover, it also aims to analyse the basic proactive techniques in working environment, the basic responsibilities of employer, the general expectancies of employee and the differences between employer's expectancies. *(This course is given in Turkish)*

ODY105 İşaret Dili(Sign Language) (3 credits) The aim of this course is to demonstrate basic sign language by using mimics jests and main characteristics of this language. Moreover, this course also aims to provide the basic knowledge about Turkish sign language and world sign language and their

similarities and differences in accordance to today's sign international sign language. It also aims to provide basic grammar rules about sign language and its constructions. *(This course is given in Turkish)*

TBD106 Kişiler Arası İlişkiler(Interpersonal Relationship) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

TLT105 Laboratuvar Cihazları(Laboratory Equipment) (3 credits) The purpose of this course is to provide students, Turbidimetric and fluorometric methods, flame photometry and atomic absorption spectrometry methods, automatic autoanalyzer are , chromatographic methods, electrophoretic methods, tissue , blood and serum storage methods , Flow Cytometer , refractometer , Osmometers to , Fluorometer , electrochemical techniques , biosensors, lab automation history and development laboratory information Systems strategies in automation technology , automation and measurement accuracy , use and maintenance of laboratory equipment, the method of the future. *(This course is given in Turkish)*

TLT108 Laboratuvarda Kalite Güvence Sistem (Quality Assurance System in the Laboratory) (3 credits) The purpose of this course is to provide students,Quality standards and standardization , the importance of standards, quality management and standards, environmental Sandart , quality management concepts , strategic management , participation in management , process management system, resource management system , EFQM excellence model, laboratory quality systems. *(This course is given in Turkish)*

SMAT101 Matematik(Mathematics) (3 credits) The aim of this course is to demonstrate basic math problem solving methods and to define basic terms as EBOB- EKOK rational numbers, real numbers and absolute value, multiplicity terms, exponential numbers and equation terms. *(This course is given in Turkish)*

SKI208 Müşteri İlişkileri Yönetimi (Customer Relationship Management) (3 credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

SHS260 Psikolojik Danışmanlık ve Rehberlik (Psychological Counseling and Guidance) (3 credits) This course aims to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 credits) The purpose of this course is to demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Services) (3 credits) The purpose of this course is to provide in the basic concepts required for modern logistics management approaches and Strategies needed in managing today's health, to gain knowledge and skills . Effective production of health services , in order to maintain efficient and uninterrupted right input at the right time , in the right quantity, at the right conditions and be involved in the process to is ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing In Health Services) (3 credits) The purpose of this course is to ; The Advantages of marketing activities in health Institutions ; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, Implementing , Evaluating and controlling ; health care purchasing behavior of buyers and decision-making Processes ; Factors affecting the satisfaction of the consumers , the marketing strategy for corporate image transmission development for health services is to inform about the basic Principles for the development. *(This course is given in Turkish)*

SHT206 Sağlık Hukuku ve Mevzuatı (Health Law And Legislation) (3 credits) The purpose of this course is to identifying the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to provide effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method .*(This course is given in Turkish).*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Health) (3 credits) The purpose of this course is to basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train *(This course is given in Turkish).*

SHS261 Sosyal Hizmetler (Social Services) (3 credits) The purpose of this course is to provide the definition of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate *(This course is given in Turkish).*

SKI209 Stres Yönetimi (Stress Management) (3 credits) *(See General Education)*

SHT107 Temel Fizik (Basic Physics) (3 credits) The purpose of this course is to provide a thorough introduction to classical physics. Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

SISL102 Temel İşletme (Basic Business) (3 credits) The purpose of this course is to provide the establishment of business students, the basic concepts of business management and continuity and to assist in working life, to gain competencies in the application. *(This course is given in Turkish).*

SKI101 Yönetim ve Organizasyon (Management an Organization) (3 credits) The aim of this course; Management considerations relating to the management company under the discipline occurred in the last century, the theory discussions, current critics and new approaches is the content of the course. The goal of management trainees to acquire knowledge related to intellectual evolution of management is to improve discipline and foresight. *(This course is given in Turkish)*

SHT212 Tıbbi İngilizce I (Medical English I) (3 Credits) *(See General Education)*

SHT213 Tıbbi İngilizce II (Medical English II) (3 Credits) *(See General Education)*

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) *(See General Education)*

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) *(See General Education)*

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) *(See General Education)*

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) *(See General Education)*

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) *(See General Education)*

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) *(See General Education)*

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) *(See General Education)*

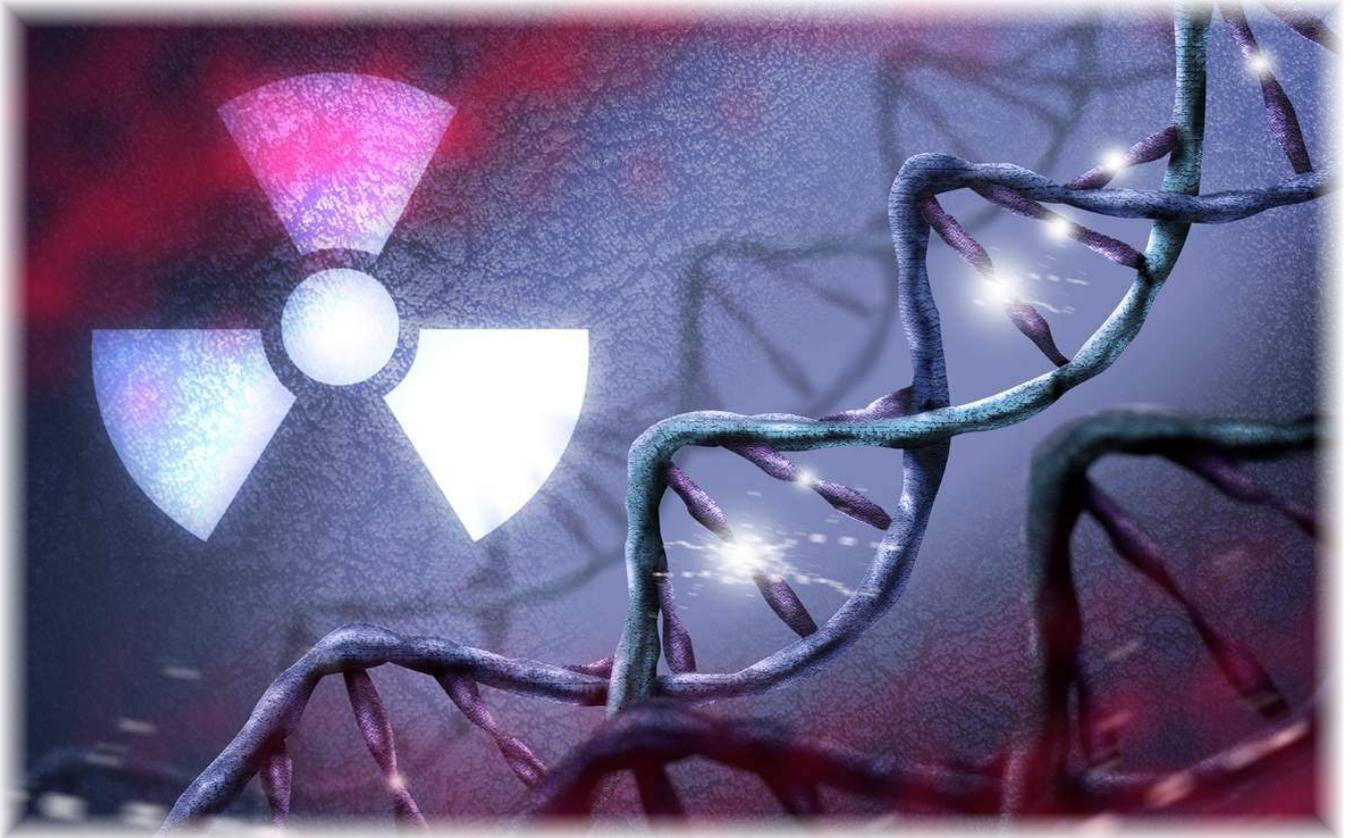
Nuclear Medicine Techniques (Turkish)

Goals

This program aims to train qualified technical staff that are be able to use and prepare radiopharmaceutical materials in best and safest way and to use technical devices that related to visualization process such as GAMMA CAM, SPECT, PET, PER-CT, PET- MRI. Our alumni, may work under the supervision of a Nuclear Medicine specialist, in Nuclear Medicine department of private and government hospitals, in variety of companies that provides service in health sector and in R&D laboratories.

Objectives

The objectives of this program is to train well educated staff that are be able to demonstrate their communication skills, to use hand-eye coordination by synthesising their knowledge level in radiation safety process and well equipped in developing technical areas. The total credits required for the satisfactory completion of the curriculum are 78 credits. The program additionally requires one internships enduring 40 work days.



CURRICULUM**1ST SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
SHT105	Anatomi ve Fizyoloji	Yes	Yes	3+0	3
SGSA101	Güzel Sanatlar (Alan Seçmeli)	Yes	Yes	3 + 0	3
NTT103	Nükleer Tıbbı Giriş	Yes	Yes	3 + 0	3
NTP101	Nükleer Tıp Fiziyi	Yes	Yes	2 + 0	2
SHT109	Tıbbi Terminoloji	Yes	Yes	3 + 0	3
RDT102	Radyasyon Güvenliyi ve Radyasyondan Korunma	Yes	Yes	2+0	2
Total					20

2ND SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
TGT110	Radyolojik Anatomi	Yes	Yes	2+0	2
NTT104	Radyofarmasi I	Yes	Yes	2 + 0	2
NTT102	Nükleer Tıp Görüntüleme 1	Yes	Yes	3 + 0	3
TGT108	Görüntüleme Cihazlarının Yapısı	Yes	Yes	4 + 0	4
NTT106	Nükleer Tıp Laboratuvarı (Sıcak Oda) I	Yes	Yes	3 + 0	3
NTT108	Klinik Eğitim ve Uygulamaları I	Yes	Yes	1+ 8	5
Total					23

3RD SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
NTT105	Radyofarmasi II	Yes	Yes	2 + 0	2

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

NTT109	Nükleer Tıp Lab (Sıcak Oda) II	Yes	Yes	3+0	3
TGT104	Radyolojik İnceleme	Yes	Yes	2 + 0	2
SHS251	Seçmeli Ders I	Yes	Yes	3 + 0	3
NTT107	Klinik Eğitim ve Uygulamaları II	Yes	Yes	1 + 8	5
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
Total					18

4TH SEMESTER COURSE PROGRAM

Code	Course Title	*C	**A	***L+P Hours	Credits
TGT202	Radyoterapi	Yes	Yes	3 + 0	3
SHT120	Tıbbi Etik ve Hasta Hakları	Yes	Yes	2 + 0	2
NTT110	Tıbbi Görüntüleme Sistemleri	Yes	Yes	4+0	4
SHT208	Mezuniyet Projesi	Yes	Yes	0 + 2	1
SHS252	Seçmeli Ders II	Yes	Yes	3 + 0	3
SYAD202	Yabancı Dil II	Yes	Yes	3 + 0	3
SHT112	Temel İlk Yardım	Yes	Yes	1 + 0	1
Total					17

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
PTL103	Adli Tıp	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3
CGL108	Eğitim Becerileri	No	Yes	3 + 0	3
TBD102	Etkili ve Güzel Konuşma Teknikleri	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
SKI206	Girişimcilik	No	Yes	3 + 0	3
SHT201	Halk Sağlığı	No	Yes	3 + 0	3
SKI 208	Hastane Bilgi İşlem Sistemler	No	Yes	3 + 0	3
SHS259	İş Sağlığı ve Güvenliği	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3
TBD106	Kişilerarası İlişkiler	No	Yes	3 + 0	3
SMAT101	Matematik	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SKI208	Müşteri İlişkileri Yönetimi	No	Yes	3 + 0	3
PTL108	Patolojide Özel Teknikler	No	Yes	3 + 0	3
SHS260	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
SHT122	Sağlık Eğitimi	No	Yes	3 + 0	3
SKI 207	Sağlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Sağlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3
SKI205	Sağlık İletişimi	No	Yes	3 + 0	3
SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	3
SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SKI110	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3

SHS261	Sosyal Hizmetler	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SISL102	Temel İşletme	No	Yes	3 + 0	3
SHT212	Tıbbi İngilizce I	No	Yes	3 + 0	3
SHT213	Tıbbi İngilizce II	No	Yes	3 + 0	3
SHT101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
Grand Total					78

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I (Principles of Atatürk & History of Turkish Revolution I) (2 Credits) *(See General Education)*

STRD111 Türk Dili I (Turkish Language I) (2 Credits) *(See General Education)*

SHT105 Anatomi ve Fizyoloji (Anatomy and Physiology) (3 credits) The purpose of this course is designed to present a comprehensive study of the anatomy and physiology of the human body. Topics include body organization; homeostasis; cytology; histology; and the integumentary, skeletal, muscular, nervous systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. *(This course is given in Turkish)*

SHT109 Tıbbi Terminoloji (Medical Terminology) (3 credits) The purpose of this course is to provide general information about the basics of medical terminology for those who study the health disciplines and health institutions. Moreover, this lecture aims to help students communicate with their colleagues and other health personnel and make it easier to learn the meaning of manmade structures and classification of diseases and related information to teach. *(This course is given in Turkish)*

RDT102 Radyasyon Güvenliği ve Radyasyondan Korunma (Radiation Safety and Radiation Protection) (2 credits) The purpose of radiation protection is to provide an appropriate level of protection for humans without unduly limiting the beneficial actions giving rise to radiation exposure. Radiation protection is to prevent the occurrence of harmful deterministic effects and to reduce the probability of occurrence of stochastic effects (e.g. cancer and hereditary effects). During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish)*

SGSA101 Güzel Sanatlar (Fine Arts) (3 credits) This course is designed to evaluate 20th century art historically in the context of Modernism. Through chapters, readings, and case analyses, we will focus on key moments and stylistic trends, as well as, social and cultural relationships in the history of modern art from the late 19th century to mid 20th century. During the lectures, students will be exposed to the subject by means of text, lecture, discussion, and use of audio/visual resources. *(This course is given in Turkish)*

NTT101 Nükleer Tıp Fiziği (Nuclear Medicine Physics) (2 Credits) Radioactivity and radioactivity types, the interaction of gamma rays with matter, Compton effect, photoelectric effect, radiation units, radioactivity, radioactive decay. *(This course is given in Turkish)*

NTT103 Nükleer Tıba Giriş (Introduction to Nuclear Medicine) (3 credits) The purpose of this course is to the radiologic anatomy course is to define what scintigraphy is in nuclear medicine and its functions. It is to explain what the radioactivity preparation and prevention. It is to define the warm room and working conditions in nuclear medicine. It is to describe radiation protection functions and ways. *(This course is given in Turkish)*

SATA102 Atatürk İlkeleri ve İnkılap Tarihi II (Principles of Atatürk & History of Turkish Revolution II) (3 Credits) *(See General Education)*

STRD102 Türk Dili II (Turkish Language II) (2 Credits) *(See General Education)*

TGT110 Radyolojik Anatomi (Radiologic Anatomy) (2 credits) The purpose of this course is to the radiological terms are explained. The bones and the articulations are defined. The students register the anatomical structures of head radiography, body radiography and extremity radiography. The anatomy of lung and respiratory tract are explained. The anatomies of stomach and perito are defined. The student learn the anatomy of heart, artery and vein. The spinal cord is defined. The anatomy of digestive tract is explained. *(This course is given in Turkish)*

NTT102 Nükleer Tıp Görüntüleme 1 (Nuclear Medicine Imaging (3 Credits) Types of gamma camera ,Gamma cameras are compenant , collimators,After intravenous administration of Radioactive Materials The blood supply to the organs and the subsequent gamma camera imaging device changes , etc, get the images. *(This course is given in Turkish)*

NTT104 Radyofarmasi I (Radiopharmacy I) (2 credits) Features of radiopharacanticals,hazards, usage patlerns, preparing and issares to watch out for using,stability,radiotioa type and emergy mechanism of localisation.What are the mast coamon way to use phormaceaticals. *(This course is given in Turkish)*

NTT108 Klinik Eğitim ve Uygulamaları I (Clinical Education and Practice I) (3 credits):Preparation foras according to their characteri stics of radioactive materials,issmes to be cansidaed in the radioactive preparation,radioactive cantarinotion,hotroom physirol conditions and rales hot must be followed,dangerans sitnotions in the hot room, measvres of radiation eccidents, diagaosticradiophormasy ceaticols, therepeatic radiophormateaticels. *(This course is given in Turkish)*

TGT108 Görüntüleme Cihazlarının Yapısı (Structure of the Imaging Device) (5 credits) The purpose of this course is to provide a varieties have increased compared to the developments in medicine and technology, and continues to increase. Competent more of these devices having a complicated structure and must be used by knowledgeable hands. Therefore, technicians must be familiar with the structure of the said device. As well as the technicians should be able to maintain the device. The course structure of these devices, components, information about the operation and maintenance principles and skills will be gained. *(This course is given in Turkish)*

NTT105 Radyafarmasi II (Radiopharmacy II) (Credits 2) The biological effrets of radiophormasy,proper ase and adegaote obses,deterainistic effects of radiophormacy, half lfe pozad, radio phormacratırol application methds for patiants, type and energy of the radiophormaceatical, metobalic coonpatibility, hightarget ad nan target actıvty rote. *(This course is given in Turkish)*

NTT109 Nükleer Tıp Lab II (Nuclear Medicine Laboratory II) Recognition todevvices which used in the hot room,detection and knowing detection data, to prepare radiophormaceuticals right, ensure to correct use, providing to hot room conditions, take precautions aainst radioactive contominotion. *(This course is given in Turkish)*

SYAD201 Yabancı Dil I (Foreign Language I) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing,speaking, reading and perceptıpon). *(This course is given in Turkish)*

TGT104 Radyolojik İnceleme (Radiological Observation) (2credits) The purpose of this course method is effective and contributes to use in an efficient manner and radiological examination of the process guidance by defining in general. Radiography also learn the principles of operation of the imaging device used. Radiography in lanoratuvar perform shooting under suitable conditions is to provide the resources to improve public health to help use the appropriate, correct radiological imaging. *(This course is given in Turkish)*

TGT202 Radyoterapi (Radiotherapy) (7 credits) The purpose of this course is to the subject of remote sensing naturally requires a basic knowledge of the radiation physics. Especially important are the methods for describing the angular and spectral fields of radiation and the way that radiation is influenced by emission, absorption and reflection (or scattering) from solid and liquid surfaces, small particles and gases. *(This course is given in Turkish)*

SHT120 Tıbbi Etik ve Hasta Hakları (Medical Ethics and Patient Rights) (2 credits) The purpose of this course is to provide medical ethics and aims to give a general and basic information about patients' rights. The necessity of taking care obligations in respect of information aims to provide explanatory information. *(This course is given in Turkish)*

NTT110 Tıbbi Görüntüleme Sistemleri (Medical Imaging Systems) (4 credits): The main purposes of this course are learn the anatomical structure of displayed area, take image with right techniques, learn to be have knowledge about the body axes and planes, provide a general view about the characteristics and functions which effectively fulfilling their duties and also qualified, can establish communication easily and have strong sense of responsibility. *(This course is given in Turkish)*

SYAD202 Yabancı Dil II (Foreign Language II) (4 credits) The purpose of this course is learning to use the subjects which are below four talent (writing, speaking, reading and perception) *(This course is given in Turkish)*

SHT112 Temel İlk Yardım (Basic First Aid) (1 credit) The main aim of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish)*

SHT208 Mezuniyet Projesi (Graduation Project) (1 credit) Basic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health. *(This course is given in Turkish)*

ELECTIVES

IAY109 Afet Bilgisi (Disaster Information) (3 credits) This course aims to teach a supportive planning procedure in natural disaster process from the aspect of negative effects as physical, economic, social psychological. It also aims to provide general information about constructing a defence mechanism and coping methods in this period by using local sources and human supports. *(This course is given in Turkish)*

SHT203 Araştırma Yöntem ve Teknikleri (Research Methods and Techniques) (3 credits) The purpose of this course is to provide general knowledge about research techniques for conducting proper research. Moreover, this course also aims to demonstrate two basic types of researches as qualitative and quantitative research methods. At the end of this course students are expected to conduct experimental work by using both these theories. *(This course is given in Turkish)*

DYZ104 Beslenme İlkeleri (Nutrition Principles) (3 credits) The aim of this course is to define nutrition concepts and its variety for student. Healthy and unhealthy nutrition principles, protein focused nutrition principles and its strengths and limitations, carbohydrate focused nutrition principles and its strengths and limitations, a variety of dietary principles and to provide basic info about nutrition terms. *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojileri (Knowledge and Communication Technologies) (3 credits) The purpose of this course is to comprehend the importance of basic information technology. Computer hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. *(This course is given in Turkish)*

SBLG101 Bilgisayara Giriş (Basic Computer Skills) (3 credits) The purpose of this course is to this lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SHT104 Biyoistatistik (Biostatistics) (3 credits) The purpose of this course is to we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

SHS258 Çevre ve Sosyal Sorumluluk (Environment and Social Responsibility) (3 credits) The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environmental Health) (3 credits) The purpose of this course is to general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery.

Finally, students are expected to solve environmental problems in the world and our country. (*This course is given in Turkish*)

CGL108 Eğitim Becerileri (3 credits) The purpose of this course is to provide both a cognitive and experiential approach to Human and Children's rights education. Moreover, the course seeks to provide a venue for discussion of Human and Children's Rights so that these issues become relevant components of the everyday lives, consciousness and goals as professional educators and students of education. (*This course is given in Turkish*)

TBD102 Etkili ve Güzel Konuşma Teknikleri (3 credits) (*See General Education*)

SKI206 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. (*This course is given in Turkish*)

TLT101 Genel Biyoloji (General Biology) (3 credits) The aim of this course is to define basic terms that related to biology as carbohydrates, lipids, proteins, nucleic acids, cell and its construction, biological membrane, cell cytoplasm, cytokinesis and nuclear divisions, DNA RNA, protein synthesis, genetic illnesses, genetic vulnerability and the other biological concepts. (*This course is given in Turkish*)

SHT124 Genel Kimya (General Chemistry) (3 credits) This course aims to help student for developing their basic knowledge level in both applying and theoretical course and provide basic information that related to those courses. (*This course is given in Turkish*)

SHT201 Halk Sağlığı (Public Health) (3 credits) This course aims to provide general information for students that related to public health define its termination as mother-child health, adolescence health, work health and family planning and health education. (*This course is given in Turkish*)

SHT108 Hastalık Bilgisi (Knowledge of Disease) (3 credits) This Lecture aims to provide general information about infectious illness that related to prenatal, infant and early adolescent periods and so on. Moreover, this lecture also focuses on the developmental childhood disorders as well as childhood illness and evaluates them by using different psychology approaches such as genetic, biological, cognitive and family systemic approaches. (*This course is given in Turkish*)

IAY207 İleri Sürüş Teknikleri (Advanced Driving Techniques) (3 credits) (*See General Education*)

SHS259 İş Sağlığı ve Güvenliği (Work Health and Safety) (3 credits) The aim of this lecture is to provide basic knowledge in order to protect themselves in working environments such as health services. Moreover, it also aims to analyse the basic proactive techniques in working environment, the basic responsibilities of employer, the general expectancies of employee and the differences between employer's expectancies. (*This course is given in Turkish*)

ODY105 İşaret Dili (Sign Language) (3 credits) The aim of this course is to demonstrate basic sign language by using mimics jests and main characteristics of this language. Moreover, this course also

aims to provide the basic knowledge about Turkish sign language and world sign language and their similarities and differences in accordance to today's sign international sign language. It also aims to provide basic grammar rules about sign language and its constructions. *(This course is given in Turkish)*

TBD106 Kişiler Arası İlişkiler (Interpersonal Relationship) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SKI208 Müşteri İlişkileri Yönetimi (Customer Relationship Management) (3 credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

SMAT101 Matematik (Mathematics) (3 credits) The aim of this course is to demonstrate basic math problem solving methods and to define basic terms as EBOB- EKOK rational numbers, real numbers and absolute value, multiplicity terms, exponential numbers and equation terms. *(This course is given in Turkish)*

SKI208 Hastane Bilgi İşlem Sistemler (Hospital Computer Systems) (3 credits) The purpose of this course , the health sector expectations and in line with the trend showing the lifelong development needs , have sufficient knowledge and skills in the field of differentiated and train medical secretaries. in health care facilities that can be executed by the secretariat services ; diagnosis of diseases , capable of recording transactions related to diagnosis and treatment , medical , capable of preparing administrative and statistical documents, which can be archived by editing documents, edit and archive , which can improve patient acceptance and preparing patients for examination and file operations, medical and findings obtained in scientific research in various fields of medical technology compilation , layout and so offer to put at the service of researchers. fulfilling tasks efficiently qualified to train their communication and health technicians with a strong sense of responsibility ability to advocate for personal, family, and community health. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Services) (3 credits) The purpose of this course is to provide in the basic concepts required for modern logistics management approaches and Strategies needed in managing today's health, to gain knowledge and skills . Effective production of health services , in order to maintain efficient and uninterrupted right input at the right time , in the right quantity, at the right conditions and be involved in the process to is ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing In Health Services) (3 credits) The purpose of this course is to ; The Advantages of marketing activities in health Institutions ; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, Implementing , Evaluating and controlling ; health care purchasing behavior of buyers and decision-making Processes ; Factors affecting the satisfaction of the consumers , the marketing strategy for corporate image transmission development for health services is to inform about the basic Principles for the development . *(This course is given in Turkish)*

SHT206 Sağlık Hukuku ve Mevzuatı (Health Law And Legislation) (3 credits) The purpose of this course is to identifying the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to provide effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish).*

SKI102 Sağlık Kurumları Yönetimi (Health Institutions Management) (3 credits) The purpose of this course is to Health Care Management provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) 3 credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

SKI108 Sağlık Sosyolojisi (Health Sociology) To students, social structure of society, its values and to acquaint the effects on their health. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Health) (3 credits) The purpose of this course is to basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SHS261 Sosyal Hizmetler (Social Services) (3 credits) The purpose of this course is to define construction of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate. *(This course is given in Turkish)*

SKI209 Stres Yönetimi (Stress Management) (3 credits) *(See General Education)*

RDT105 Tedavi İlkeleri I (Treatment Principle I) (3 credits) The purpose of this course is to provide general principles of treatment and radiotherapy in cancer patients. *(This course is given in Turkish)*

RDT110 Tedavi İlkeleri II (Treatment Principle II) (3 credits) The purpose of this course is to provide general principles of treatment and radiotherapy in cancer patients. *(This course is given in Turkish)*

SHT107 Temel Fizik (Basic Physics) (3 credits) The purpose of this course is to provide a thorough introduction to classical physics .Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other

sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

SISL102 Temel İşletme (Basic Business) (3 credits) The aim of the establishment of business students , the basic concepts of business management and continuity and to assist in working life to gain competencies in the application. *(This course is given in Turkish)*

SKI101 Yönetim ve Organizasyon (Management an Organization) (3 credits) The aim of this course; Management considerations relating to the management company under the discipline occurred in the last century, the theory discussions, current critics and new approaches is the content of the course. The goal of management trainees to acquire knowledge related to intellectual evolution of management is to improve discipline and foresight. *(This course is given in Turkish)*

SHT212 Tıbbi İngilizce I (Medical English I) (3 Credits) *(See General Education)*

SHT213 Tıbbi İngilizce II (Medical English II) (3 Credits) *(See General Education)*

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) *(See General Education)*

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) *(See General Education)*

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) *(See General Education)*

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) *(See General Education)*

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) *(See General Education)*

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) *(See General Education)*

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) *(See General Education)*

Operating Room Services (Turkish)

About Program

The health sector is the leading one of the areas which involve a sustainable source of employment. In this respect, operating room services is among the areas in which the wide ranges of employment opportunities appear. Students graduating from the program can work in operating room services as an "Operating Room Technician" within public and private health institutions.

Goals

Operating Room Services program's curriculum has been created by taking into consideration the information which can be used at every stage of business life. Anatomy, physiology, medical terminology, basic operating services, surgical diseases, anesthesia, operating room technology, operating practices and anesthesia are provided within the program of operating room services. In addition, there are many options that are offered for students as elective courses.

Objectives

Operating Room Services program's curriculum has been created by taking into consideration the information which can be used at every stage of business life. Anatomy, physiology, medical terminology, basic operating services, surgical diseases, anesthesia, operating room technology, operating practices and anesthesia are provided within the program of operating room services. In addition, there are many options that are offered for students as elective courses.

The total credits required for the satisfactory completion of the curriculum are 75 credits. The program additionally requires one internships enduring 40 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeler ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
SHT101	Anatomi	Yes	Yes	3+0	3
SHT102	Fizyoloji	Yes	Yes	3 + 0	3
AML103	Cerrahi Hastalık Bilgisi	Yes	Yes	3 + 0	3
AML101	Ameliyathane Teknolojisi	Yes	Yes	3 + 0	3
SHT112	Temel İlk Yardım	Yes	Yes	1 + 0	1
Total :					17

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeler ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
AML108	Temel Anestezi	Yes	Yes	2 + 0	2
SHT116	Enfeksiyon Kontrolü ve Sterilizasyon Esasları	Yes	Yes	3+0	3
AML104	Cerrahi Hastalıklar Bilgisi II	Yes	Yes	3 + 0	3
SHT110	Farmakoloji	Yes	Yes	3 + 0	3
AML102	Ameliyathane Uygulamaları I	Yes	Yes	1 + 8	5
Total :					20

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
AML201	Ameliyathane Uygulamaları II	Yes	Yes	1 + 8	5

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SHT115	Mikrobiyoloji	Yes	Yes	3 + 0	3
SHS 251	Seçmeli Ders I	Yes	Yes	3 + 0	3
SHS252	Seçmeli Ders II	Yes	Yes	3 + 0	3
AML203	Enfeksiyon Hastalıkları	Yes	Yes	3 + 0	3
Total :					20

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY204	EKG Analizi	Yes	Yes	1+ 2	2
SHT208	Mezuniyet Projesi	Yes	Yes	0 + 2	1
SYAD201	Yabancı Dil II	Yes	Yes	3 + 0	3
SHT204	Halk Sağlığı	Yes	Yes	3 + 0	3
SHS253	Elective Course III	Yes	Yes	3 + 0	3
SHS254	Elective Course IV	Yes	Yes	3 + 0	3
SGSA101	Güzel Sanatları	Yes	Yes	3 + 0	3
Total					18

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
SHT108	Hastalıklar Bilgisi	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3
SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SMAT101	Matematik	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
CGL108	Eđitim Becerileri	No	Yes	3 + 0	3
TBD102	Etkili ve Gzel Konuřma Teknikleri	No	Yes	3 + 0	3
SKI101	Ynetim ve Organizasyon	No	Yes	3 + 0	3
SKI206	Giriřimcilik	No	Yes	3 + 0	3
SHT201	Halk Saęlıęı	No	Yes	3 + 0	3
SHS261	Sosyal Hizmetler	No	Yes	3 + 0	3
SHS259	İř Saęlıęı ve Gvenlięi	No	Yes	3 + 0	3
ODY105	İřaret Dili	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3
SHT212	Tıbbi İngilizce I	No	Yes	2 + 0	2
TBD106	Kiřilerarası İliřkiler	No	Yes	3 + 0	3
SKI202	Mřteri İliřkileri Ynetimi	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SKI209	Stres Ynetimi	No	Yes	3 + 0	3
SKI208	Hastane Bilgi İřlem Sistemleri	No	Yes	3 + 0	3
SHS260	Psikolojik Danıřmanlık ve Rehberlik	No	Yes	3 + 0	3
SKI106	Saęlık Sigortacılıęı	No	Yes	3 + 0	3
SHT122	Saęlık Eđitimi	No	Yes	3 + 0	3
SKI207	Saęlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Saęlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3
SHT206	Saęlık Hukuku ve Mevzuatı	No	Yes	3 + 0	3
SKI110	Saęlıkta Kalite Ynetimi	No	Yes	3 + 0	3
SKI205	Saęlık İletiřimi	No	Yes	3 + 0	3

SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	3
Grand Total					75

*C: Compulsory
**A: Average
*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I (Principles of Atatürk & History of Turkish Revolution I) (2 Credits) *(See General Education)*

STRD111 Türk Dili I (Turkish Language I) (2 Credits) *(See General Education)*

SHT101 Anatomi (Anatomy) (3 credits) The aim of this course; presents a systemic approach to the study of the human body. Lecture presentation begins with an introduction of anatomical terminology and an overview of cellular processes and tissue classification. Students then learn the gross and microscopic anatomy of the following systems: integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, and reproductive. The laboratory component of the course generally parallels and reinforces lecture concepts through the use of models, histological slides, skeletal and the other anatomical materials. Students also attend two 2-hour labs per week. *(This course is given in Turkish)*

SHT102 Fizyoloji (Physiology) (3 credits) The aim of this course; presents a comprehensive study of the basic anatomy and physiology of the human body. This course also designed to be understood the complexities of the cells, tissues, and major organs and systems of the human body. Topics include body organization; homeostasis; basic histology; and skeletal, muscular, joint, cardiovascular, blood, immune, respiratory, endocrine, excretory, reproductive, nervous, sensory, digestive systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of basic anatomy and main physiology and their interrelationships. *(This course is given in Turkish)*

AML103 Cerrahi Hastalık Bilgisi I (Surgical Diseases I) (3 credits) The purpose of this course is to designed to providing knowledge about the diseases for which the surgical procedures are used for their treatments. Moreover, this course aims to evaluates surgical patient in the phase of pre-operative, operative phase including surgical instruments and advice to use of instruments. Topics include injury and wound healing, esophageal disorders, endocrine neoplasia, stomach and duodenum, adrenal surgery, parathyroid surgery, hepatic and biliary disorders, thyroid surgery, surgical complications, small bowel, appendix and spleen, colorectal neoplasia, anorectal diseases, gastric neoplasia, abdominal wall and hernias, head and neck surgery, gynecologic surgery, genitourinary surgery, orthopedic surgery, neoplasias of the breast, cardiovascular surgery, pulmonary surgery. *(This course is given in Turkish)*

AML101 Ameliyethane Teknolojisi (Operating Room Technologies) (3 credits) The aim of this course is to teach the students the terminology and the usage of the operating room and its technologies. During the clinical practices, they are supposed to develop their skills and fundamental knowledge on the Daily work of the operating room. They are also supposed to know their obligations, the interpersonal relations and the basis of discipline in the Operating Room. *(This course is given in Turkish)*

SHT112 Temel İlk Yardım (Basic First Aid) (1 credits) The main aim of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish)*

SATA102 Atatürk İlkeleri ve İnkılap Tarihi II (Principles of Atatürk & History of Turkish Revolution II) (3 Credits) (*See General Education*)

STRD102 Türk Dili II (Turkish Language II) (2 Credits) (*See General Education*)

AML104 Cerrahi Hastalıklar Bilgisi II (Surgical Diseases II) (3 credits) The purpose of this course is to providing knowledge about the diseases for which the surgical procedures are used for their treatments. Moreover, this course aims to evaluates surgical patient in the phase of pre-operative, operative phase including surgical instruments and advice to use of instruments. Topics include injury and wound healing, esophageal disorders, endocrine neoplasia, stomach and duodenum, adrenal surgery, parathyroid surgery, hepatic and biliary disorders, thyroid surgery, surgical complications, small bowel, appendix and spleen, colorectal neoplasia, anorectal diseases, gastric neoplasia, abdominal wall and hernias, head and nech surgery, gynecologic surgery, genitourinary surgery, orthopedic surgery, neoplasias of the breast, cardiovascular surgery, pulmonary surgery. (*This course is given in Turkish*)
Pre-requisite AML103

ANZ103 Temel Anestezi (Basic Anesthesia) (3 Credits) The purpose of this course is designed to providing a broad orientation to the basic principles of anesthesia practice and the perioperative setting. Topics include: preparation of the anesthetizing environment, patient assessment and physiologic monitoring; anesthetic techniques, interventions and associated equipmen; pharmacologic agents; anesthesia care plan and evaluation. (*This course is given in Turkish*)

SHT116 Enfeksiyon Kontrolü ve Sterilizasyon Esasları (Infection Control and Principles of Sterilization) (3 credits) The purpose of this course is to designed to providing information about the sterilization method to promote infection control and to prevent hospital infections. Topics include: operating room, intensive care, intensive care units, the infection, hospital infections, sterilization methots. (*This course is given in Turkish*)

AML102 Ameliyathane Uygulamaları I (Operational Room Services I) (5 credits) The aim of this course is to teach the students particularities of the operating room, the equipments used during operations, and the hierarchic system of the room. They should learn how to prepare, how to wash and how to use the particular equipments. They are supposed to develop their skills on the issues such as preparations of the patients fort he surgery as well as the preperations of the equipment. (*This course is given in Turkish*)

SHT110 Farmakoloji (Pharmacology) (3 credits) The aim of this course; this Lecture provides general information about the basic concepts of the interactions between the drugs and living organisms and to teach the students about the minimum pharmacological approach about the drugs used in maintenance of health and the treatment of diseases. Moreover, this lecture aims to evaluatesthe major drug classifications, through the use of prototypes and teach the necessary the drugs for human systems and diseases. (*This course is given in Turkish*)

AML201 Ameliyathane Uygulamaları II (Operational Room Services II) (5 credits) The aim of this course is to teach the students particularities of the operating room, the equipments used during operations, and the hierarchic system of the room. They should learn how to prepare, how to wash and how to use the particular equipments. They are supposed to develop their skills on the issues such as preparations of the patients fort he surgery as well as the preperations of the equipment. (*This course is given in Turkish*). *Pre-requisite AML102*

SHT115 Mikrobiyoloji (Microbiology) (3 credits) The purpose of this course is to provide general information about the basic microbiology is taught to students. During lesson, students have realized that basic notions about microbiology, generated and classified of microorganism, sterilization and disinfection, environmental microbiology normal flora, immune system, antigen and antibody, immunity against infections, vaccines and serums, hospital infection and diagnostics methods of microbiology. *(This course is given in Turkish)*

SYAD201 Yabancı Dil I (Foreign Language I) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing, speaking, reading and perceptipon)

AML203 Enfeksiyon Hastalıkları (Infectious Diseases) (3 credits) The purpose of this course is to designed to provide the opportunity to learn about infectious diseases, gain knowled geand skills for the control of infectious diseases. Course will describe Illness in the community, leading to disability or death, caused by out breaks of diseases Main topics: theimportance of infectious diseases, basicconcepts of infection disesses, prevention of infection diseases, hospital in fection, disinfectios terilization, asepsis, antisepsis, infection transmitted by respiratory, infection spreadviadigestive, food toxication. *(This course is given in Turkish)*

IAY204 EKG Analizi (ECG Analysis) (2 credits) The purpose of this course is to teach the basic knowledge to interpret common cardiac arrhythmias, including sinus, atrial, junctional, and ventricular dysrhythmias. This course also designed to develop skills in reading and analyzing electrocardiogram (ECG) tracings. *(This course is given in Turkish)*

SYAD202 Yabancı Dil II (Foreign Language II) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing,speaking, reading and perceptipon)

SHT201 Halk Sağlığı (Public Health) (3 credits) This course aims to provide general information for students that related to public health define its termination as mother-child health, adolescence health, work health and family planning and health education. *(This course is given in Turkish)*

SHT208 Mezuniyet Projesi (Graduation Proje) (1 credits) Basic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health. *(This course is given in Turkish)*

SGSA101 Güzel Sanatlar (Fine Arts) (3 credits) This course is designed to evaluate 20th century art historically in the context of Modernism. Through chapters, readings, and case analyses, we will focus on key moments and stylistic trends, as well as, social and cultural relationships in the history of modern art from the late 19th century to mid 20th century. During the lectures, students will be exposed to the subject by means of text, lecture, discussion, and use of audio/visual resources. *(This course is given in Turkish)*

ELECTIVES

IAY109 Afet Bilgisi (Disaster Knowledge) (3 credits) This course aims to teach a supportive planning procedure in natural disaster process from the aspect of negative effects as physical, economic, social psychological. It also aims to provide general information about constructing a defence mechanism and

coping methods in this period by using local sources and human supports. *(This course is given in Turkish)*

SHT203 Araştırma Yöntem ve Teknikleri (Research Methods and Techniques) (3 credits) The purpose of this course is to provide general knowledge about research techniques for conducting proper research. Moreover, this course also aims to demonstrate two basic types of researches as qualitative and quantitative research methods. At the end of this course students are expected to conduct experimental work by using both these theories. *(This course is given in Turkish)*

DYZ104 Beslenme İlkeleri (Nutrition Principles) (3 credits) The aim of this course is to define nutrition concepts and its variety for student. Healthy and unhealthy nutrition principles, protein focused nutrition principles and its strengths and limitations, carbohydrate focused nutrition principles and its strengths and limitations, a variety of dietary principles and to provide basic info about nutrition terms. *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojileri (Knowledge and Communication Technologies) (3 credits) The purpose of this course is to comprehend the importance of basic information technology. Computer hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. *(This course is given in Turkish)*

SBLG101 Bilgisayara Giriş (3 Credits) The purpose of this course is to this lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SBLG101 Bilgisayara Giriş (Basic Computer Skills) (3 credits) The purpose of this course is to this lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SHT104 Biyoistatistik (Biostatistics) (3 credits) The purpose of this course is to we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

SHS258 Çevre ve Sosyal Sorumluluk (Environment and Social Responsibility) (3 credits) The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the

lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in English)*

CGL108 Eğitim Becerileri (Education Skills) (3 Credits) This Lecture provides general information about child development that related to physical, cognitive and sexual development. Moreover, this lecture also focuses on family attitudes towards children's behaviours, and evaluates a considerable amount of subjects such as child abuse, family dynamics and violence among family members. *(This course is given in Turkish)*

TBD102 Etkili ve Güzel Konuşma Teknikleri (Effective Speaking Techniques) (3 credits) *(See General Education)*

TLT101 Genel Biyoloji (General Biology) (3 credits) The aim of this course is to define basic terms that related to biology as carbohydrates, lipids, proteins, nucleic acids, cell and its construction, biological membrane, cell cytoplasm, cytokinesis and nuclear divisions, DNA RNA, protein synthesis, genetic illnesses, genetic vulnerability and the other biological concepts. *(This course is given in Turkish)*

SHT124 Genel Kimya (General Chemistry) (3 credits) This course aims to help student for developing their basic knowledge level in both applying and theoretical course and provide basic information that related to those courses. *(This course is given in Turkish)*

SKI206 Girişimcilik (Entrepreneurship) (3 Credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. *(This course is given in Turkish)*

SHT201 Halk Sağlığı (Public Health) (3 credits) This course aims to provide general information for students that related to public health define its termination as mother-child health, adolescence health, work health and family planning and health education. *(This course is given in Turkish)*

SHT108 Hastalık Bilgisi (Disease Knowledge) (3 credits) This Lecture aims to provide general information about infectious illness that related to prenatal, infant and early adolescent periods and so on. Moreover, this lecture also focuses on the developmental childhood disorders as well as childhood illness and evaluates them by using different psychology approaches such as genetic, biological, cognitive and family systemic approaches. *(This course is given in Turkish)*

SKI208 Hastane Bilgi İşlem Sistemleri (Hospital Information Processing Systems) (3 credits) This course is intended for health sector expectations and showing the lifelong development trends in their needs, have sufficient knowledge and skills in a differentiated and space to train medical secretaries. in health care facilities that can be executed by the secretariat services ; diagnosis of diseases , capable of recording transactions related to diagnosis and treatment , medical , capable of preparing administrative and statistical documents, which can be archived by editing documents, edit and archive , which can improve patient acceptance and preparing patients for examination and file operations, medical and findings obtained in scientific research in various fields of medical technology compilation , layout and so offer to put at the service of researchers. fulfilling tasks efficiently qualified to train their

communication and health technicians with a strong sense of responsibility. *(This course is given in Turkish)*

IAY207 İleri Sürüş Teknikleri (Advanced Driving Techniques) (3 Credits) *(See General Education)*

SHS259 İş Sağlığı ve Güvenliği (Work Health and Safety) (3 credits) The aim of this lecture is to provide basic knowledge in order to protect themselves in working environments such as health services. Moreover, it also aims to analyse the basic proactive techniques in working environment, the basic responsibilities of employer, the general expectancies of employee and the differences between employer's expectancies. *(This course is given in Turkish)*

ODY105 İşaret Dili (Sign Language) (3 Credits) The purpose of this course is to teach sign language to people without hearing disabilities in order to maintain communication while providing health care services to the people with hearing disabilities. *(This course is given in Turkish and sign language.)*

TBD106 Kişiler Arası İlişkiler (Interpersonal Relationship) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SMAT101 Matematik (Mathematics) (3 credits) The aim of this course is to demonstrate basic math problem solving methods and to define basic terms as EBOB- EKOK rational numbers, real numbers and absolute value, multiplicity terms, exponential numbers and equation terms. *(This course is given in Turkish)*

SKI208 Müşteri İlişkileri Yönetimi (Customer Relations Management) (3 Credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

SHS260 Psikolojik Danışmanlık ve Rehberlik (Psychological Counseling and Guidance) (3 credits) This course aims to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 credits) The purpose of this course is to demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Services) (3 credits) The purpose of this course is to provide in the basic concepts required for modern logistics management approaches and Strategies needed in managing today's health, to gain knowledge and skills . Effective production of health services , in order to maintain efficient and uninterrupted right input at the right time , in the right quantity, at the right conditions and be involved in the process to is ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing In Health Services) (3 credits) The purpose of this course is to ; The Advantages of marketing activities in health Institutions ; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, Implementing , Evaluating and controlling ; health care purchasing behavior of buyers and decision-making Processes ; Factors affecting the satisfaction of the consumers , the marketing strategy for corporate image transmission development for health services is to inform about the basic Principles for the development . *(This course is given in Turkish)*

SHT206 Sağlık Hukuku ve Mevzuatı (Health Law And Legislation) (3 credits) The purpose of this course is to identifying the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to provide effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method *(This course is given in Turkish).*

SKI102 Sağlık Kurumları Yönetimi (Health Institutes Management) (3 Credits) The purpose of this course is to Health Care Management provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 Credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Health) (3 Credits) The purpose of this course is to provide basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SHS261 Sosyal Hizmetler (Social Services) (3 credits) The purpose of this course is to definition of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate. *(This course is given in Turkish)*

SKI209 Stres Yönetimi (Stress Management) (3 credits) *(See General Education)*

SHT107 Temel Fizik (Basic Physics) (3 Credits) The purpose of this course is to provide a thorough introduction to classical physics. Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

SHT212 Tıbbi İngilizce I (Medical English I) (3 Credits) *(See General Education)*

SHT213 Tıbbi İngilizce II (Medical English II) (3 Credits) *(See General Education)*

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) *(See General Education)*

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) *(See General Education)*

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) *(See General Education)*

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) *(See General Education)*

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) *(See General Education)*

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) *(See General Education)*

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) *(See General Education)*

Opticianry (Turkish)

About Program

In the Opticianry Program, students acquire knowledge in the principles of physics, the basic science of sight and optics, and anatomy of eyes as well as marketing. Our program is in close collaboration with associations and organizations operating in the optical industry. Graduates from our program find employment easily. Moreover, by obtaining their diploma, they become authorized to open an optical store.

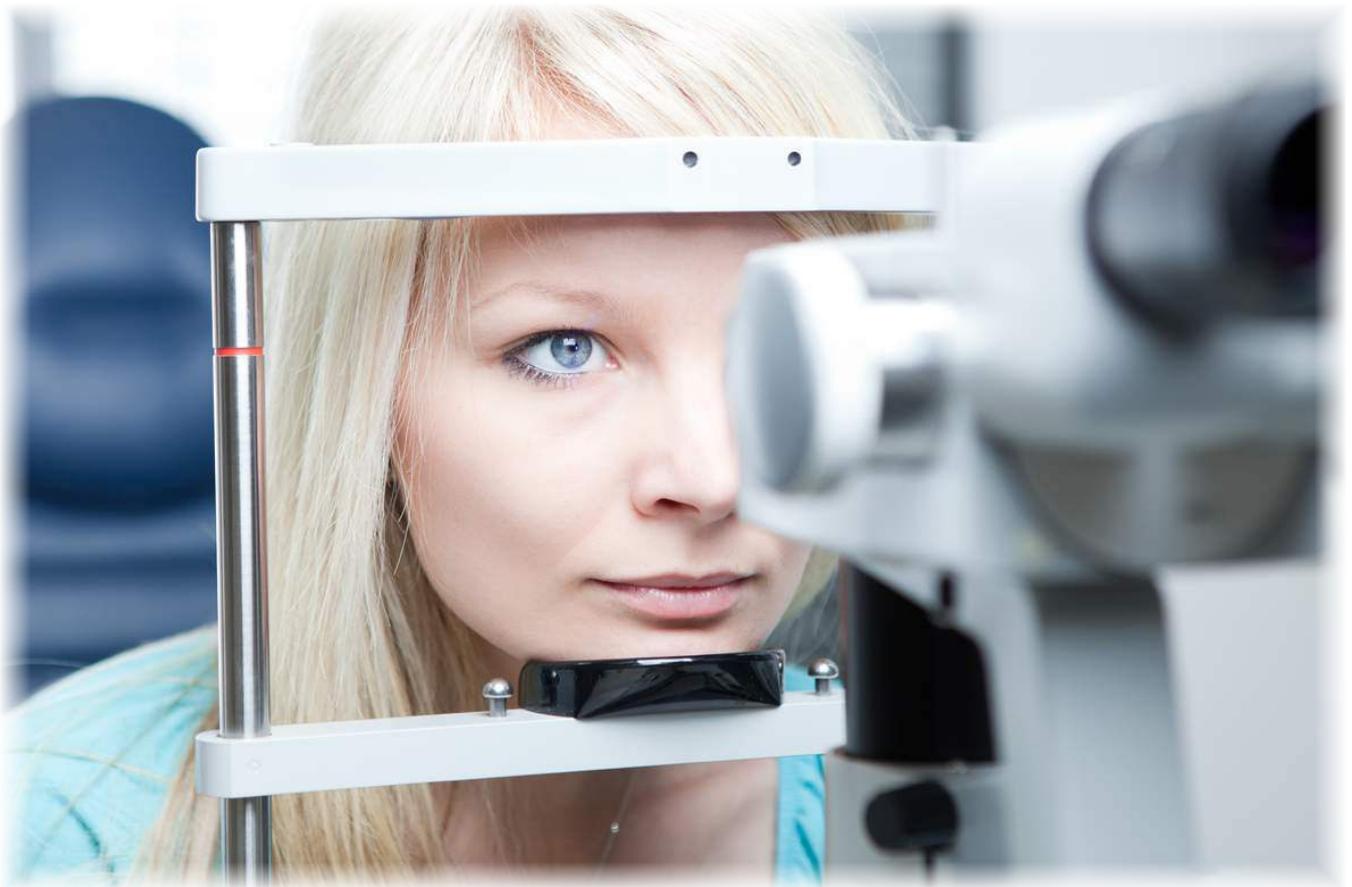
Goals

The Opticians Programme aims to enable students to gain theoretical knowledge and practical skills required to safely and competently dispense with subnormal vision devices, contact lenses, and eyeglasses. Students acquire knowledge in the principles of physics, the basic science of sight and optics, and anatomy of eyes as well as marketing

Objectives

The Opticianry Programme aims to enable students to gain theoretical knowledge and practical skills required to safely and competently dispense with subnormal vision devices, contact lenses, and eyeglasses.

The total credits required for the satisfactory completion of the curriculum are 78 credits. The program additionally requires one internship enduring 40 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
SGSA101	Güzel Sanatlar	Yes	Yes	3 + 0	3
OPT101	Optisyenlik Teorisi	Yes	Yes	3 + 0	3
OPT103	Göz Anatomisi ve Fizyolojisi	Yes	Yes	3 + 0	3
SHT107	Temel Fizik	Yes	Yes	3 + 0	3
SMAT101	Matematik	Yes	Yes	3 + 0	3
SHS251	Seçmeli Ders 1	Yes	Yes	3 + 0	3
Total :					22

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2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
SISL102	Temel İşletme	Yes	Yes	3 + 0	3
OPT102	Optisyenlik Laboratuvarı -I	Yes	Yes	2 + 4	4
OPT104	Optik ve Oftalmik Cihazlar	Yes	Yes	2 + 2	3
OPT106	Optisyenlik Fiziği	Yes	Yes	3 + 0	3
SHS252	Seçmeli Ders II	Yes	Yes	3 + 0	3

[+] 2. Semester Elective Course List

Total :	20
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*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OPT201	Optisyenlik Laboratuvarı-II	Yes	Yes	2 + 4	4
OPT203	Görme Optiği ve Refraksiyon	Yes	Yes	3 + 0	3
OPT205	Göz Hastalıkları	Yes	Yes	3 + 0	3
OPT207	Oftalmik Lens Teorisi	Yes	Yes	2 + 0	3
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
SHT112	Temel İlk Yardım	Yes	Yes	1 + 0	1
Total :					17

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
OPT202	Optisyenlik Uygulaması	Yes	Yes	1 + 8	5
OPT206	Optik Mağaza Uygulamaları	Yes	Yes	3 + 2	4
OPT208	Kontakt Lens Teorisi	Yes	Yes	3 + 0	3
SYAD202	Yabancı Dil II	Yes	Yes	3 + 0	3
SHT208	Mezuniyet Projesi	Yes	Yes	0 + 2	1
SHS253	Seçmeli Ders III	No	Yes	0 + 0	3
Total :					19

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
SHS 257	Çevre Sağlığı	No	Yes	3 + 0	3
SKI110	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3
SKI101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SHS260	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3
SKI208	Müşteri İlişkileri Yönetimi	No	Yes	3 + 0	3
TBD102	Etkili ve Güzel Konuşma Teknikleri	No	Yes	3 + 0	3
SKI206	Girişimcilik	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SHT201	Halk Saęlıęı	No	Yes	3 + 0	3
CGL108	Eęitim Becerileri	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
OPT105	Optisyenlik Malzeme Bilgisi ve Teknolojisi	No	Yes	3 + 0	3
SKI207	Saęlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Saęlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3
SKI108	Saęlık Sosyolojisi	No	Yes	3 + 0	3
SGSA103	Tıp Fotoęrafçılıęı	No	Yes	3 + 0	3
SGSA105	Tıp Ressamlıęı	No	Yes	3 + 0	3
SGSA107	Saęlık ve Tiyatro	No	Yes	3 + 0	3
SGSA109	Saęlık Kltri	No	Yes	3 + 0	3
SGSA111	Saęlık ve Sanat	No	Yes	3 + 0	3
SGSA113	Saęlık ve Mimarlık	No	Yes	3 + 0	3
SGSA115	Saęlık ve Sinema	No	Yes	3 + 0	3
OPT107	Teleskopik Gzlkler ve Lensler	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
OPT110	Optik Mağaza Uygulaması:Drama	No	Yes	3 + 0	3
OPT211	Optisyenlik Paket Progam Uygulamaları	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
OPT112	Optisyenlik Mağaza Uygulaması:Mikroöğretim	No	Yes	3 + 0	3
SHS259	İş Sağlığı ve Güvenliği	No	Yes	3 + 0	3
SHT206	Sağlık Hukuku ve Mevzuatı	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3
SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	3
TBD106	Kişilerarası İlişkiler	No	Yes	3 + 0	3
SKI205	Sağlık İletişimi	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3
SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
OPT108	Gözlük Satışının İncelikleri	No	Yes	3 + 0	3
SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SHT122	Sağlık Eğitimi	No	Yes	3 + 0	3
SHT108	Hastalıklar Bilgisi	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
OPT210	Davranış Bilimi	No	Yes	3 + 0	3
SHT212	Tıbbi İngilizce 1	No	Yes	3 + 0	3
SHT 213	Tıbbi İngilizce 2	No	Yes	3 + 0	3
Grand Total					78

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I (Principles of Atatürk & History of Turkish Revolution I) (2 credits) *(See General Education)*

STRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education)*

SGSA101 Güzel Sanatlar (Fine Arts) (3 credits) This course is designed to evaluate 20th century art historically in the context of Modernism. Through chapters, readings, and case analyses, we will focus on key moments and stylistic trends, as well as, social and cultural relationships in the history of modern art from the late 19th century to mid 20th century. During the lectures, students will be exposed to the subject by means of text, lecture, discussion, and use of audio/visual resources. *(This course is given in Turkish)*

OPT101 Optisyenlik Teorisi (Opticianry Theory) (3 credits) Optician profession all the technical information, opticianry history, assessment of the world of education, vocational definitions, a brief description of the eye anatomy and eye defects, all materials used in the opticianry profession and the basic information about the optic machines. *(This course is given in Turkish)*

OPT103 Göz Anatomisi ve Fizyolojisi (Eye Anatomy and Eye Physiology) 3 credits) The program aims to enable students to gain theoretical knowledge and practical skills required to safely and competently dispense with subnormal vision devices, contact lenses, and eyeglasses. Students acquire knowledge in the principles of physics, the basic science of sight and optics, and anatomy of eyes as well as marketing. Our program is in close collaboration with associations and organizations operating in the optical industry. Graduates from our program find employment easily. Moreover, by obtaining their diploma, they become authorized to open an optical store. *(This course is given in Turkish)*

SHT107 Temel Fizik (Basic Physics) (3 credits) The purpose of this course is to provide a thorough introduction to classical physics. Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

SMAT101 Matematik (Mathematics) (3 credits) The aim of this course is to demonstrate basic math problem solving methods and to define basic terms as EBOB- EKOK rational numbers, real numbers and absolute value, multiplicity terms, exponential numbers and equation terms. *(This course is given in Turkish)*

OPT106 Optisyenlik Fiziği (Opticianry Physics) (3 credits) The purpose of this course to provide physical properties of light and interaction between light and matter. *(This course is given in Turkish)*

SATA102 Atatürk İlkeleri ve İnkılap Tarihi II (Principles of Atatürk & History of Turkish Revolution II) (2 credits) *(See General Education)*

STRD102 Türk Dili II (Turkish Language II) (2 credits) (*See General Education*)

SISL102 Temel İşletme (Basic Business) (3 credits) The main aim of this course to learn set up a business, management and continuity of business and to gain efficiency for working life. (*This course is given in Turkish*)

OPT102 Optisyenlik Laboratuvarı I (Opticianry Laboratory I) (4 credits) To study the optician applications in a laboratory environment. (*This course is given in Turkish*)

OPT104 Optik ve Oftalmik Cihazlar (Optic and Ophthalmic Devices) (3 credits) The Nature of Light Spread of Light Image Formation in the Mirror Image Formation in the Mirror Spherical reflection surface Lenses Optical System Visual Defects Interference of Light Diffraction of Light Polarization of Light Waves. (*This course is given in Turkish*)

SYAD201 Yabancı Dil I (Foreign Language I) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing,speaking, reading and perceptipon) (*This course is given in Turkish*)

OPT208 Kontakt Lens Teorisi (Contact Lens Theory) (3 credits) The aim of this courseTo learn parameters of contact lenses and materials (*This course is given in Turkish*)

OPT201 Optisyenlik Laboratuvarı II (Opticianry Laboratory II) (4 credits)
1) Mineral glass diamond cutting and spectacle frame assembly described and implementation

2)Organic glass side cutters cutting and spectacle frame assembly described and implementation

3) Glass molded glass machine using the cutting and assembly of

4) Nil glasses made and Uygul be explained and

5) Metal glasses implementation of the installation

6) Explanation of Facet goggles construction and implementation

7) Multifocal and recognition of the glass frame assembly to be told

8) GRADUATION EXAM

(*This course is given in Turkish, Pre request OPT102*)

OPT203 Görme Optiği ve Refraksiyon (Optic of Sight and Refraction) (3 credits) Before beginning topics of optic of sight, to repeat general knowledges of optic and review the knowledges about optic of sight and refraction. (*This course is given in Turkish*)

OPT205 Göz Hastalıkları (Eye Diseases) (3 credits) The main aim of this course is having general knowledge about eye diseases. (*This course is given in Turkish*)

OPT207 Oftalmik Lens Teorisi (Ophthalmic Lens Theory) (3 credits) The purpose of this course to learn automatic machines and bifocal before - progressive glasses and analyzing the prescription. *(This course is given in Turkish)*

SYAD202 Yabancı Dil II (Foreign Language II) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing,speaking, reading and perceptipon) *(This course is given in Turkish)*

SHT112 Temel İlk Yardım (Basic First Aid) (1 credit) The main aim of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team h hicarrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish)*

OPT202 Optisyenlik Uygulaması (Opticianry Application) (5 credits) The main aim of this course, to design the process of complicated systems, component of system or process with using knowledges which is learned former courses. Students offer a solution to a problem which may faced in shop with considering the real conditions as economic conditions, environmental, social and politic problems, maintainability etc. *(This course is given in Turkish)*

OPT206 Optik Mağaza Uygulamaları (Opticianry Shop Appication) (4 credits)

1) Students learn Sales & Marketing

2) Students will master optical storekeeping implementations

3) Students will be ready to work as opticians

4) Students will acquire knowledge from professional storekeeper lecturers

(This course is given in Turkish)

SHT208 Mezuniyet Projesi (Graduation Project) (1 credits) Basic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health. *(This course is given in Turkish)*

ELECTIVES

SHT203 Araştırma Yöntem ve Teknikleri (Research Methods and Techniques) (3 credits) The purpose of this course is to provide the student; The aim is to gain the competency to conduct research. *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojileri (Information and Communication Technologies) (3 credits) The purpose of this course is to comprehend the importance of basic information technology. Computer hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. *(This course is given in Turkish)*

SBLG101 Bilgisayara Giriş (Basic Computer Skills) (3 credits) This Lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SHT104 Biyoistatistik (Biostatistics) (3 credits) The purpose of this course to teach statistics course we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environmental Health) (3 credits) The purpose of this course is to general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

SHS258 Çevre ve Sosyal Sorumluluk (Environmental & Social Responsibility) (3 credits) The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

OPT210 Davranış Bilimi (Behavioral Sciences) (3 credits) The aim of this course is to provide general information about basic psychology terms. Moreover, it also aims to define the subtypes of psychology and their components as health psychology, behavioural psychology, developmental psychology, cognitive and experimental psychology. *(This course is given in Turkish)*

CGL108 Eğitim Becerileri (Education Skills) (3 credits) This Lecture provides general information about child development that related to physical, cognitive and sexual development. Moreover, this lecture also focuses on family attitudes towards children's behaviours, and evaluates a considerable amount of subjects such as child abuse, family dynamics and violence among family members. *(This course is given in Turkish)*

TBD102 Etkili ve Güzel Konuşma Becerileri (Effective Speech Techniques) (3 credits) *(See General Education)*

TLT101 Genel Biyoloji (General Biology) (3 credits) The aim of this course is to define basic terms that related to biology as carbohydrates, lipids, proteins, nucleic acids, cell and its construction,

biological membrane, cell cytoplasm, cytokinesis and nuclear divisions, DNA RNA, protein synthesis, genetic illnesses, genetic vulnerability and the other biological concepts. *(This course is given in Turkish)*

SHT124 Genel Kimya (General Chemistry) (3 credits) This course aims to help student for developing their basic knowledge level in both applying and theoretical course and provide basic information that related to those courses. *(This course is given in Turkish)*

SKI206 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. *(This course is given in Turkish)*

OPT108 Gözlük Satışının İncelikleri (Special Methods of Marketing Glasses) (3 credits) This course aims to learn the machines, materials and programs which is using in industry and to improve interpersonal relations. *(This course is given in Turkish)*

SHT201 Halk Sağlığı (Public Health) (3 credits) This course aims to provide general information for students that related to public health define its termination as mother-child health, adolescence health, work health and family planning and health education. *(This course is given in Turkish)*

SHT108 Hastalıklar Bilgisi (Diseases Information) (3 credits) This Lecture aims to provide general information about infectious illness that related to prenatal, infant and early adolescent periods and so on. Moreover, this lecture also focuses on the developmental childhood disorders as well as childhood illness and evaluates them by using different psychology approaches such as genetic, biological, cognitive and family systemic approaches. *(This course is given in Turkish)*

SHS259 İş Sağlığı ve Güvenliği (Work Health and Safety) (3 credits) The aim of this lecture is to provide basic knowledge in order to protect themselves in working environments such as health services. Moreover, it also aims to analyse the basic proactive techniques in working environment, the basic responsibilities of employer, the general expectancies of employee and the differences between employer's expectancies. *(This course is given in Turkish)*

ODY105 İşaret Dili (Sign Language) (3 credits) The aim of this course is to demonstrate basic sign language by using mimics jests and main characteristics of this language. Moreover, this course also aims to provide the basic knowledge about Turkish sign language and world sign language and their similarities and differences in accordance to today's sign international sign language. It also aims to provide basic grammar rules about sign language and its constructions. *(This course is given in Turkish)*

TBD106 Kişilerarası İlişkiler (Interpersonal Relationship) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SKI208 Müşteri İlişkileri Yönetimi (Customer Relations Management) (3 credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing,

property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

OPT110 Optik Mağaza Uygulaması:Drama (Opticianry Shopping Application:Drama) (3 credits)

The main aim of this course, to design the process of complicated systems, component of system or process with using knowledges which is learned former courses. Students offer a solution to a problem which may faced in shop with considering the real conditions as economic conditions, environmental, social and politic problems, maintainability etc. *(This course is given in Turkish)*

OPT112 Optisyenlik Mağaza Uygulaması:Mikroöğretim (Opticianry Shopping Application:Microteaching) (3 credits)

The main aim of this course, to design the process of complicated systems, component of system or process with using knowledges which is learned former courses. Students offer a solution to a problem which may faced in shop with considering the real conditions as economic conditions, environmental, social and politic problems, maintainability etc. *(This course is given in Turkish)*

OPT105 Optisyenlik Malzeme Bilgisi ve Teknolojisi (Opticianry Material Information and Technology) (3 credits)

In this course , the lecturer informs about optic materials and optic devices. *(This course is given in Turkish)*

OPT211 Optisyenlik Paket Progam Uygulamaları (Computer Skills for Opticianry) (3 credits)

The main aim of this course to provide a virtual archive with using medical examinations which belongs to patients of opticianry. Students offer a solution to a problem which may faced in shop with considering the real conditions as economic conditions, environmental, social and politic problems, maintainability etc. *(This course is given in Turkish)*

SHS260 Psikolojik Danışmanlık ve Rehberlik (Psychological Counseling and Guidance) (3 credits)

This course aims to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 credits)

The purpose of this course is to demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Care) (3 credits)

The purpose of this course is to provide the basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing in Healthcare) (3 credits) The purpose of this course is to; The advantages of marketing activities in health institutions; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, implementing, evaluating and controlling; health care purchasing behavior of buyers and decision-making processes; factors affecting the satisfaction of the consumers, the marketing strategy for corporate image transmission development for health services is to inform about the basic principles for the development. *(This course is given in Turkish)*

SHT206 Sağlık Hukuku ve Mevzuatı (Health Law and Legislation) (3 credits) The aim of this course, By identifying the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to effective communication is Necessary in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish)*

SKI102 Sağlık Kurumları Yönetimi (Health Institutions Management) (3 credits) The purpose of this course is to Health Care Management Provides a framework for addressing problems in health care management Organizations. By the end of the course it will have been exposed to many management ideas, Theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the Importance. *(This course is given in Turkish)*

SKI108 Sağlık Sosyolojisi (Health Sociology) To students, social structure of society, its values and to acquaint the effects on their health. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Health) (3 credits) The purpose of this course is to basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI209 Stres Yönetimi (Stress Management) (3 credits) *(See General Education)*

OPT107 Teleskopik Gözlükler ve Lensler (Telescopic Glasses and Lenses) (3 credits) The purpose of this course, to inform about lenses which has enhanced magnifying power for patients who can't see enough with normal glass since a disease. . Students offer a solution to a problem which may faced in shop with considering the real conditions as economic conditions, environmental, social and politic problems, maintainability etc. *(This course is given in Turkish)*

SKI101 Yönetim ve Organizasyon (Management and Organization) (3 credits) The purpose of this course is to provide general information about management and organization systems by using different aspects of business sciences. Moreover, it also demonstrate the main cg-characteristics of a business from the aspect of a manager. *(This course is given in Turkish)*

SHT212 Tıbbi İngilizce I (Medical English I) (3 Credits) (See General Education)

SHT213 Tıbbi İngilizce II (Medical English II) (3 Credits) (See General Education)

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) (See General Education)

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) (See General Education)

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) (See General Education)

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) (See General Education)

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) (See General Education)

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) (See General Education)

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) (See General Education)

Perfusion Techniques (Turkish)

About Program

Today, deaths from cardiovascular disease is in the first place. Surgeries performed in the majority of cardiovascular heart disease - are performed with lung pump. This pump system and then disable your heart and lungs during heart surgery patients by sending blood to all tissues of synthetic life line is maintained. Also before or after heart surgery, heart - lung function in patients with impaired heart and lungs are used assistive devices. Patients can come back to life with the use of these devices or heart transplants can be prepared to continue their life chances. Thus the heart - lung pump and supporting the preparation of the device to continue to use and function are very important for the patient's life.

Goals

The goal of this program is that program takes the place of the heart and heart surgery, vascular surgery-lung and heart pump is the training of technical staff that will help heart surgeons in the operating conditions for the implementation of the lung assist device.

Objectives

Graduates of this section, heart surgery, heart-circulation ensures the continuity of the machine during operation set up to help lung machine; machine that circulation during liver transplantation, builds and runs the dialysis machine. Perfusion technicians will find the opportunity to work in hospitals.

The total credits required for the satisfactory completion of the curriculum are 80 credits. The program additionally requires one internships enduring 20 work days.



CURRICULUM**1. SEMESTER COURSE PLAN**

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
SHT101	Anatomi	Yes	Yes	3 + 0	3
SHT102	Fizyoloji	Yes	Yes	3 + 0	3
PRF103	Temel Kardiyopulmoner Bypass	Yes	Yes	3 + 0	3
SHT111	Biyokimya	Yes	Yes	3 + 0	3
PRF101	Perfüzyon Teknolojisi	Yes	Yes	3 + 0	3
SHT112	Temel İlk Yardım	Yes	Yes	1 + 0	1
Total :					20

2ND SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
PRF104	Genel Kalp Hastalıkları	Yes	Yes	3 + 0	3
PRF102	Dolaşım ve Solunum Fizyolojisi	Yes	Yes	2 + 0	2
SHT116	Enfeksiyon Kontrol ve Sterilizasyon Esasları	Yes	Yes	3 + 0	3
SHT110	Farmakoloji	Yes	Yes	3 + 0	3
PRF106	Klinik Perfüzyon Uygulama I	Yes	Yes	1 + 8	5

SGSA101	Güzel Sanatlar (Alan Seçmeli)	Yes	Yes	3 + 0	3
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[+] 2nd Semester Elective Course List

Total :	23
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3RD SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
PRF207	Pediyatrik Perfüzyon	Yes	Yes	3 + 0	3
PRF201	CPB Teknolojisinin Klinik Kullanımı	Yes	Yes	4 + 0	4
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
PRF205	Klinik Perfüzyon Uygulama II	Yes	Yes	1 + 8	5
SHS251	Seçmeli Ders I	Yes	Yes	3 + 0	3

Total :	18
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4TH SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
PRF202	Ekstrakorporal Dolaşımda Kullanılan Yandaş Teknikler	Yes	Yes	3 + 0	3
PRF204	Ekstrakorporal Dolaşımda Hasta Monitorizasyonu	Yes	Yes	2 + 2	4
PRF206	Hayatı Tehdit Edici Komplikasyonlar	Yes	Yes	2 + 0	2
SYAD202	Yabancı Dil II	Yes	Yes	3 + 0	3
SHS252	Seçmeli Ders II	Yes	Yes	3 + 0	3
SHS253	Seçmeli Ders III	Yes	Yes	3 + 0	3
SHT208	Bitirme Projesi	Yes	Yes	0 + 2	1
Total					19

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3
SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3
CGL108	Eğitim Becerileri	No	Yes	3 + 0	3
TBD102	Etkili ve Güzel Konuşma Teknikleri	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
SKI206	Girişimcilik	No	Yes	3 + 0	3
SHT201	Halk Sağlığı	No	Yes	3 + 0	3
SHT108	Hastalıklar Bilgisi	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SKI208	Hastane Bilgi İşlem Sistemleri	No	Yes	3 + 0	3
SHS259	İş Sağlığı ve Güvenliği	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3
TBD106	Kişilerarası ilişkiler	No	Yes	3 + 0	3
SMAT101	Matematik	No	Yes	3 + 0	3
SHS260	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
SHT122	Sağlık Eğitimi	No	Yes	3 + 0	3
SKI207	Sağlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Sağlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3
SHT206	Sağlık Hukuku ve Mevzuatı	No	Yes	3 + 0	3
SKI205	Sağlık İletişimi	No	Yes	3 + 0	3

SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	3
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[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SKI110	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3
SHS261	Sosyal Hizmetleri	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3
SISL102	Temel İşletme	No	Yes	3 + 0	3
SHT212	Tıbbi İngilizce I	No	Yes	3 + 0	3
SHT213	Tıbbi İngilizce I	No	Yes	3 + 0	3
SKI101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
Grand Total					80

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve Inkılap Tarihi I (Principles of Atatürk & History of Turkish Revolution I) (2 credits) (*See General Education*)

STRD101 Türk Dili I (Turkish Language I) (2 credits) (*See General Education*)

SHT101 Anatomi (Anatomy) (3 Credits) The purpose of this course is to designed to presents a systemic approach to the study of the human body. Lecture presentation begins with an introduction of anatomical terminology and an overview of cellular processes and tissue classification. Students then learn the gross and microscopic anatomy of the following systems: integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, and reproductive. (*This course is given in Turkish*)

SHT102 Fizyoloji (Physiology) (3 Credits) The purpose of this course is designed to presents a comprehensive study of the basic anatomy and physiology of the human body. This course also designed to be understood the complexities of the cells, tissues, and major organs and systems of the human body. Topics include body organization; homeostasis; basic histology; and skeletal, muscular, joint, cardiovascular, blood, immune, respiratory, endocrine, excretory, reproductive, nervous, sensory, digestive systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of basic anatomy and main physiology and their interrelationships. (*This course is given in Turkish*)

PRF103 Temel Kardiyopulmoner Bypass (Basic Cardiopulmonary Bypass) (3 Credits) Basic Cardiopulmonary Bypass course; Recognize the components and techniques to sort. Evaluate the adequacy of perfusion during cardiopulmonary bypass. Myokardiyak protection techniques and application recognizes the systemic hypothermia sorts. Recognize processes in cardiac physiology distinguish. The diagnostic process in renal and respiratory physiology distinguish. Cardiovascular diagnostic hemodynamic principles and related organ functions. systemic inflammatory created by the cardiopulmonary bypass system lists the characteristics of response. Circulation and recognizes the hemodynamic and physiologic characteristics of perfusion support system, distinguishes. (*This course is given in Turkish*)

SHT111 Biyokimya (Biochemistry) (3 Credits) The purpose of this course is to provide general information about biochemistry and the concept of learning and teaching of chemical structure and properties of biological molecules in living organisms, in addition to learn metabolism, anabolism and catabolism of biochemical reactions. Moreover, this Lesson aims to evaluate the main effective about the human body and animals. During the lectures, students will be taking on have the skills concepts of basic biochemistry, learn about the properties of water and aqueous solutions, chemical structure, properties and metabolism of biological molecules. Finally, students are expected to attend biochemical reactions anabolism and catabolism examination and understanding of the importance to terms of living. (*This course is given in Turkish*)

PRF101 Perfüzyon Teknolojisi (Perfusion Technology) (3 Credits) The purpose of this course is to provide general information about perfusion system is required in perfusion applications. Moreover, describe part of perfusion technology and their system such as Heart-lung machines, oxygenators, blood pumps, open and closed circulatory systems, reservoirs and filters, heater-cooler, priming solution and hemodilution, cannulation and drainage, cardiovascular surgery vents and negative pressure / vacuum applications. In addition, explain perfusion work condition is that important events and people that contribute to the program, the students studying science perfusion ensuring that dominate the basic

information; ensuring understanding of the importance of the program by the students and the program's future / other areas to get ready for the lesson. (*This course is given in Turkish*)

SHT 112 Temel İlk Yardım (Basic First Aid) (1 credits) The purpose of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. (*This course is given in Turkish*)Turkish)

SATA102 Atatürk İlkeleri ve Inkılap Tarihi II (Principles of Atatürk &History of Turkish Revolution II) (2 credits) (*See General Education*)

STRD102 Türk Dili II (Turkish Language II) (2 credits) (*See General Education*)

PRF104 Genel Kalp Hastalıkları (General Heart Diseases) (3 Credits) The purpose of this course is to provide general information about general heart disease and the concept of introduction to heart disease (Classification, incidence) and the pathophysiology of coronary artery disease. Supporters of pathologies associated with the diagnosis of coronary artery disease and coronary artery disease. Moreover, describe treatment of coronary artery disease, development and diagnosis of valvular heart disease and heart valve disease clinics. In addition, the treatment of valvular heart disease (invasive and noninvasive approaches). Finally, approach in congenital heart disease (incidence, classification, permanent and temporary treatment), congenital heart disease clinic and Noninvasive and invasive approach for the treatment of congenital heart disease are important for health human. (*This course is given in Turkish*)

PRF102 Dolaşım ve Solunum Fiziyojisi (Circulatory and Respiratory Physiology) (2 Credit) The purpose of the respiratory and circulatory physiology lectures, respiratory and circulatory physiology, is to learn the scientific framework for the functioning mechanism. Respiration is a physiological event, provides the necessary oxygen to a person's life. Therefore, breathing and survival is perceived as synonymous. The main function of providing oxygen to the tissues and take carbon dioxide generated in the tissues, which throw out a brief overview of the anatomy and physiology of the respiratory system. (*This course is given in Turkish*)

SHT116 Enfeksiyon Kontrol ve Sterilizasyon Esasları (Infection Control and Principles of Sterilization) (3 Credits) The purpose of this course is to provide information about the sterilization method to promote infection control and to prevent hospital infections. Topics include: operating room, intensive care, intensive care units, the infection, hospital infections, sterilization methods. (*This course is given in Turkish*)

SHT110 Farmakoloji (Pharmacology) (3 Credits) The aim of this course; this Lecture provides general information about the basic concepts of the interactions between the drugs and living organisms and to teach the students about the minimum pharmacological approach about the drugs used in maintenance of health and the treatment of diseases. Moreover, this lecture aims to evaluate the major drug classifications, through the use of prototypes and teach the necessary the drugs for human systems and diseases. (*This course is given in Turkish*)

PRF106 Klinik Perfüzyon Uygulama I (Perfusion Clinical Practice I) (5 Credits) Clinical Perfusion application rules to be followed in the course, students II hospital operation in hospital, will have

general and detailed information about their programs. They will do the job description as a technician in radiotherapy units are made by the responsible nurses and technicians. how it should be approached with patients, beam delivery, will have information about how to use the device. *(This course is given in Turkish)*

SGSA101 Güzel Sanatlar (Fine Arts) (3 Credits) The purpose of this course, the end of the term, in terms of architecture and architects have taken very general basic education is to provide more diverse and could have come to a critical level. *(This course is given in Turkish)*

PRF207 Pediatrik Perfüzyon (Pediatric Perfusion) (3 Credits) Pediatric Perfusion aim of the course; Pediatric and neonatal cardiovascular surgery in CPB's application techniques and procedures, pediatric abdominal protection techniques; to teach the basic concepts such as cardioplegia in pediatric practice techniques. In addition, newborns and perfusion techniques in cardiac surgical procedures involving the pediatric age group and aims to tell the difference with standard techniques. *(This course is given in Turkish)*

PRF201 CPB Teknolojisinin Klinik Kullanımı (Clinical Use of CPB Technology) (4 Credits) The purpose of this course is to provide general information about clinical use of CPB Technology, mechanical circulatory support and recognizes the types of applications. Define the perfusion system used during organ transplantation. Describe the perfusion system applied in pediatric cardiac surgery. In addition, minimally invasive define the perfusion system used during cardiac surgery. Apply the technology used during organ transplantation is followed. Moreover, Recognize the basic concepts associated with cardiopulmonary bypass, the diagnostic techniques applied during cardiopulmonary bypass and distinguish. Finally, Pediatric cardiopulmonary bypass and recognize the problems and solutions so that may occur during other circulatory support applications, separate ted. *(This course is given in Turkish)*

SYAD101 Yabancı Dil I (Foreign Language I) (3 Credits) The purpose of this course is learning to use the subjects which are below four talent(writing, speaking, reading and perceptipon. *(This course is given in Turkish)*

PRF205 Klinik Perfüzyon Uygulama II (Perfusion Clinical Practice II) (5 Credits) Clinical Perfusion application rules to be followed in the course, students II hospital operation in hospital, will have general and detailed information about their programs. They will do the job description as a technician in radiotherapy units are made by the responsible nurses and technicians. how it should be approached with patients, beam delivery, will have information about how to use the device. *(This course is given in Turkish)*. Prerequisite:PRF106)

PRF204 Ekstrakorporal Dolaşımda Hasta Monitorizasyonu (Monitoring of patients in Extracorporeal Circulation) (4 credits) Extracorporeal Circulation in Patient Monitoring course is designed; Hemodynamic Monitoring and Measurement, Blood Gas Analysis, Air Control, Level Detection, Temperature Monitoring the ECG, fluid and electrolyte balance, Coagulation Monitoring the Perfusion Techniques Eligibility, Perioperative Echocardiography, Cardiac Catheterization Monitoring and teach the Computerized Monitoring techniques. *(This course is given in Turkish)*

PRF202 Ekstrakorporal Dolaşımda Kullanılan Yandaş Teknikler (Associated Techniques Used in Extracorporeal Circulation) (3 Credits) The course aims Associated extracorporeal techniques used in roaming; Used as partisan technical Intra-Aortic Balloon Pump, pulsatile perfusion techniques, Hemoconcentration, autotransfusion, Asepsis-antisepsis Cardiac Operative Techniques anesthetic

pharmacological treatments, Circulatory Arrest Techniques, Organ Preservation and Transplantation, teach techniques such as Portable Cardiopulmonary Support. *(This course is given in Turkish)*

PRF206 Hayatı Tehdit Edici Komplikasyonlar (Life Threatening Complications) (2 Credits) Life Threatening Complications aim; Mechanical Problems, Massive Air Embolism, arterial dissection, myocardial damage: Resilient VF, inadequate myocardial perfusion techniques', ventricular distention, ventricular collapse, coronary embolism, catecholamines, aortic cross-clamping, reperfusion techniques, brain damage, renal dysfunction, gastrointestinal effects, endocrine and inflammatory response to cardiopulmonary arrest, is to teach basic concepts such as resuscitation. *(This course is given in Turkish)*

SYAD202 Yabancı Dil II (Foreign Language II) (3 Credits) The course aims to introduce and enable the students to practice different types of Syllabus design methods analyze learners' needs and roles etc.

SHT208 Bitirme Projesi (Graduation Project) (1 credit) This course aims to help student for application process of their two years education by summarizing their knowledge and from the aspect of each learned concept that they've practice during their education. *(This course is given in Turkish)*

ELECTIVES

IAY109 Afet Bilgisi (Disaster Information) (3 credits) This course aims to teach a supportive planning procedure in natural disaster process from the aspect of negative effects as physical, economic, social psychological. It also aims to provide general information about constructing a defence mechanism and coping methods in this period by using local sources and human supports. *(This course is given in Turkish)*

SHT203 Araştırma Yöntem ve Teknikleri (Research Techniques and Methods) (3 credits) The purpose of this course is to provide general knowledge about research techniques for conducting proper research. Moreover, this course also aims to demonstrate two basic types of researches as qualitative and quantitative research methods. At the end of this course students are expected to conduct experimental work by using both these theories. *(This course is given in Turkish)*

DYZ104 Beslenme İlkeleri (Nutritional Principles) (3 credits) The aim of this course is to define nutrition concepts and its variety for student. Healthy and unhealthy nutrition principles, protein focused nutrition principles and its strengths and limitations, carbohydrate focused nutrition principles and its strengths and limitations, a variety of dietary principles and to provide basic info about nutrition terms. *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojileri (Information and Communication Technology) (3 credits) The purpose of this course is to comprehend the importance of basic information technology. Computer hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. *(This course is given in Turkish)*

SBLG101 Bilgisayara Giriş (Basic Computer Skills) (3 credits) The purpose of this course is to this lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document,

spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SHT104 Biyoistatistik (Biostatistics) (3 credits) The purpose of this course is to we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

SHS258 Çevre ve Sosyal Sorumluluk (Environmental & Social Responsibility) (3 credits) The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, air pollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environmental Health) (3 credits) The purpose of this course is to general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, air pollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

CGL108 Eğitim Becerileri (Education Skills) (3 credits) This Lecture provides general information about child development that related to physical, cognitive and sexual development. Moreover, this lecture also focuses on family attitudes towards children's behaviours, and evaluates a considerable amount of subjects such as child abuse, family dynamics and violence among family members. *(This course is given in Turkish)*

TBD102 Etkili ve Güzel Konuşma Teknikleri (Effective Speach Techniques) (3 credits) *(See General Education)*

TLT101 Genel Biyoloji (General Biology) (3 credits) The aim of this course is to define basic terms that related to biology as carbohydrates, lipids, proteins, nucleic acids, cell and its construction, biological membrane, cell cytoplasm, cytokinesis and nuclear divisions, DNA RNA, protein synthesis, genetic illnesses, genetic vulnerability and the other biological concepts. *(This course is given in Turkish)*

SHT124 Genel Kimya (General Chemistry) (3 credits) This course aims to help student for developing their basic knowledge level in both applying and theoretical course and provide basic information that related to those courses. *(This course is given in Turkish)*

SKI206 Giriřimcilik (Entrepreneurship) (3 credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. *(This course is given in Turkish)*

SHT201 Halk Saęlıęı (Public Health) (3 credits) This course aims to provide general information for students that related to public health define its termination as mother-child health, adolescence health, work health and family planning and health education. *(This course is given in Turkish)*

SHT108 Hastalıklar Bilgisi (Knowledge of Diseases) (3 credits) This Lecture aims to provide general information about infectious illness that related to prenatal, infant and early adolescent periods and so on. Moreover, this lecture also focuses on the developmental childhood disorders as well as childhood illness and evaluates them by using different psychology approaches such as genetic, biological, cognitive and family systemic approaches. *(This course is given in Turkish)*

SKI208 Hastane Bilgi İşlem Sistemleri (Hospital Computing Services) (3 credits) The aim of this lecture is to provide basic knowledge in order to protect themselves in working environments such as health services. *(This course is given in Turkish)*

SHS259 İş Saęlıęı ve Güvenlięi (Occupational Health and Safety) (3 credits) The aim of this lecture is to provide basic knowledge in order to protect themselves in working environments such as health services. Moreover, it also aims to analyse the basic proactive techniques in working environment, the basic responsibilities of employer, the general expectancies of employee and the differences between employer's expectancies. *(This course is given in Turkish)*

ODY105 İşaret Dili (Sign Language) (3 credits) The aim of this course is to demonstrate basic sign language by using mimics jests and main characteristics of this language. Moreover, this course also aims to provide the basic knowledge about Turkish sign language and world sign language and their similarities and differences in accordance to today's sign international sign language. It also aims to provide basic grammar rules about sign language and its constructions. *(This course is given in Turkish)*

TBD106 Kiřilerarası İliřkiler (Interpersonal Relations) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SMAT101 Matematik (Mathematics) (3 credits) The aim of this course is to demonstrate basic math problem solving methods and to define basic terms as EBOB- EKOK rational numbers, real numbers and absolute value, multiplicity terms, exponential numbers and equation terms. *(This course is given in Turkish)*

SHS260 Psikolojik Danıřmanlık ve Rehberlik (Counseling and Guidance) (3 credits) This course aims to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 credits) The purpose of this course is to demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Healthcare) (3 credits) The purpose of this course is to provide the basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing in Healthcare) (3 credits) The purpose of this course is to; The advantages of marketing activities in health institutions; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, implementing, evaluating and controlling; health care purchasing behavior of buyers and decision-making processes; factors affecting the satisfaction of the consumers, the marketing strategy for corporate image transmission development for health services is to inform about the basic principles for the development. *(This course is given in Turkish)*

SHT206 Sağlık Hukuku ve Mevzuatı (Health Law and Legislation) (3 credits) The purpose of this course is to identifying the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish)*

SKI102 Sağlık Yönetimi (Health Care Management) (3 credits) The purpose of this course is to Health Care Management provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Healthcare) (3 credits) The purpose of this course is to basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SHS261 Sosyal Hizmetleri (Social Services) (3 credits) The purpose of this course is to define construction of social services, methods, theories, disadvantaged groups, social history, children, family,

group, community, non-governmental organizations to analyze the concept of debate. (*This course is given in Turkish*)

SKI209 Stres Yönetimi (Stress Management) (3 credits) (*See General Education*)

SHT107 Temel Fizik (Basic Physics) (3 credits) The purpose of this course is to provide a thorough introduction to classical physics .Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. (*This course is given in Turkish*)

SISL102 Temel İşletme (Basic Business) (3 credits)The aim of the establishment of business students, the basic concepts of business management and continuity and to assist in working life, to gain competencies in the application. (*This course is given in Turkish*)

SKI101 Yönetim ve Organizasyon (Management and Organization) (3 credits) The purpose of this course is to provide general information about management and organization systems by using different aspects of business sciences. Moreover, it also demonstrate the main cg-characteristics of a business from the aspect of a manager.(*This course is given in Turkish*)

SHT212 Tıbbi İngilizce I (Medical English I) (3 Credits) (*See General Education*)

SHT213 Tıbbi İngilizce II (Medical English II) (3 Credits) (*See General Education*)

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) (*See General Education*)

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) (*See General Education*)

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) (*See General Education*)

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) (*See General Education*)

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) (*See General Education*)

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) (*See General Education*)

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) (*See General Education*)

Radiotherapy (Turkish)

About Program

Radiotherapy technicians apply their treatment as a member of a team consisting of radiotherapists and radiotherapy physicists. These applications usually take place in the relevant areas of university hospitals and government hospitals. Private hospitals also have several departments related to radiotherapy. Therefore, Radiotherapy technicians currently have many work opportunities in both state and private hospitals

Goals

The aim of our program is to educate qualified radiotherapists aiding radiation oncologists during radiation therapy. Additionally, this program aims to train vocational staff who are able to turn on the radiotherapy equipment, to apply radiation therapy and check patient condition during therapy under the supervision of a specialist; to carry out maintenance and simple repairs of radiotherapy machines; to prepare all types of auxiliary equipment needed by radiotherapy patients, and to prepare medical statistics.

Objectives

- It has a basic level of theoretical and practical knowledge about the field of radiotherapy
- It has knowledge of the ethical principles and rules related to the field.
- Using a task given to have basic knowledge related to radiotherapy is conducted independently.
- Lifelong learning has consciousness.

The total credits required for the satisfactory completion of the curriculum are 75 credits. The program additionally requires one internships enduring 40 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
RTD103	Radyoterapi Fiziği	Yes	Yes	3 + 0	3
SHT109	Tıbbi Terminoloji	Yes	Yes	3 + 0	3
SHT105	Anatomi ve Fizyoloji	Yes	Yes	3 + 0	3
RDT101	Histoloji	Yes	Yes	2 + 0	2
RDT102	Radyasyon Güvenliği ve Radyasyondan Korunma	Yes	Yes	2 + 0	2
RDT101	Radyobiyojoloji	Yes	Yes	3 + 0	3
Total :					20

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
RDT110	Radyoterapi Uygulamaları I	Yes	Yes	1 + 8	5
RDT106	Temel Onkoloji	Yes	Yes	3 + 0	3
RDT108	Tıbbi Görüntüleme	Yes	Yes	3 + 0	3
RDT 104	Radyoterapi Cihazları	Yes	Yes	3 + 0	3
TGT110	Radyolojik Anatomi	Yes	Yes	2 + 0	2
Total :					20

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
RDT205	Tıbbi Dökümantasyon ve Arşivleme	Yes	Yes	2 + 0	2
RDT203	Simülasyon Tekniği I	Yes	Yes	3 + 0	3
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
TGT203	Nükleer Tıp	Yes	Yes	3 + 0	3
SHS251	Seçmeli Ders I	Yes	Yes	3 + 0	3
RDT201	Radyoterapi Uygulamaları II	Yes	Yes	1 + 8	5
Total :					19

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SHT112	Temel İlk Yardım	Yes	Yes	1 + 0	1
RDT206	Simülasyon Tekniği II	Yes	Yes	3 + 0	3
SYAD201	Yabancı Dil II	Yes	Yes	3 + 0	3
SHT120	Tıbbi Etik ve Hasta Hakları	Yes	Yes	2 + 0	2
SHS252	Seçmeli Ders II	Yes	Yes	3 + 0	3
SGSA101	Güzel Sanatlar	Yes	Yes	3 + 0	3
SHT208	Mezuniyet Projesi	Yes	Yes	0 + 2	1
Total :					16

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Hastalıklar Bilgisi	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
SHS258	çevre ve sosyal Sorumluluk	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SHS260	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3
CGL108	EEğitim Becerileri	No	Yes	3 + 0	3
TBD102	Etkili Konuşma Teknikleri	No	Yes	3 + 0	3
SKI206	Girişimcilik	No	Yes	3 + 0	3
SHT201	Halk Sağlığı	No	Yes	3 + 0	3
SHT108	Hastalıklar Bilgisi	No	Yes	3 + 0	3
SHS259	İş Sağlığı ve Güvenliği	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3
TBD106	Kişilerarası İlişkiler	No	Yes	3 + 0	3
SKI212	Müşteri İlişkileri Yönetimi	No	Yes	3 + 0	3
SHT122	Sağlık Eğitimi	No	Yes	3 + 0	3
SKI207	Sağlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Sağlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SHT206	Sağlık Hukuku ve Mevzuatı	No	Yes	3 + 0	3
SKI205	Sağlık İletişimi	No	Yes	3 + 0	3
SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	3
SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SKI108	Sağlık Sosyolojisi	No	Yes	3 + 0	3
SKI110	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3
SHS261	Sosyal Hizmetler	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SHT202	Tıbbi İngilizce	No	Yes	3 + 0	3
SKI101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
SMAT101	Matematik	No	Yes	3 + 0	3
SKI208	Hastane Bilgi İşlem Sistemleri	No	Yes	3 + 0	3
IAY207	İleri Sürüş Teknikleri	No	Yes	3 + 0	3
RDT105	Tedavi Prensipleri I	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
RDT110	Tedavi Prensipleri II	No	Yes	3 + 0	3
SISL102	Temel İşletme	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
Grand Total					75

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I (Principles of Atatürk & History of Turkish Revolution I) (2 Credits) *(See General Education)*

STRD111 Türk Dili I (Turkish Language I) (2 Credits) *(See General Education)*

RDT103 Radyoterapi Fiziği (Radiotherapy Physics) (3 credits) The purpose of this course is to instruct the basic physical principles of the radiation and radiotherapy, starting from the structure of the atom. At the same time this Lecture aims to introduce physical decays which is very useful to understand radiotherapy. Moreover, students will learn the physical features of the radiotherapy devices which they will use them all their career. *(This course is given in Turkish)*

SHT105 Anatomi ve Fizyoloji (Anatomy and Physiology) (3 credits) The purpose of this course to designed to presents a comprehensive study of the anatomy and physiology of the human body. Topics include body organization; homeostasis; cytology; histology; and the integumentary, skeletal, muscular, nervous systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. *(This course is given in Turkish)*

RDT101 Radyobiyoloji (Radiobiology) (3 credits) The purpose of this course is to search of biological effects and understanding of the differences between diseased cells and healthy cells. In this regard, ionizing radiation, radioactive elements and control the work of the mechanism aimed to convey to the students. At the same time explaining the mechanisms of action of radiation transfer relationship with each other. *(This course is given in Turkish)*

SHT119 Histoloji (Histology) (2 credits) The purpose of this course is to provide general information about the underlying tissues in human tissues, and cellular basis of tissue farklılıklarını classification by identifying with a group of specialized cells, which are represented in which tissue to grasp. To be informed about the systems in humans. *(This course is given in Turkish)*

SHT109 Tıbbi Terminoloji (Medical Terminology) (3 credits) The purpose of this course to provides general information about the basics of medical terminology for those who study the health disciplines and health institutions. Moreover, this lecture aims to help students communicate with their colleagues and other health personnel and make it easier to learn the meaning of manmade structures and classification of diseases and related information to teach. *(This course is given in Turkish)*

RDT102 Radyasyon Güvenliği ve Radyasyondan Korunma (Radiation Safety and Protection) (2 credits) The purpose of this course is to provide an appropriate level of protection for humans without unduly limiting the beneficial actions giving rise to radiation exposure. Radiation protection is to prevent the occurrence of harmful deterministic effects and to reduce the probability of occurrence of stochastic effects (e.g. cancer and hereditary effects). During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish)*

SATA102 Atatürk İlkeleri ve İnkılap Tarihi II (Principles of Atatürk & History of Turkish Revolution II) (2 Credits) *(See General Education)*

STRD102 Türk Dili II (Turkish Language II) (2 Credits) *(See General Education)*

RDT110 Radyoterapi Uygulamaları I (Radiotherapy Applications I) (5 credits) The purpose of this course is to provide general and detailed information about their programs. Students will have information about the rules to be followed in the hospital. They will do the job description as a technician in radiotherapy units are made by the responsible nurses and technicians. They will have information about how it should be approached with patients, beam delivery, how to use the device. *(This course is given in Turkish)*

RDT114 Radyolojik Anatomi(Radiological Anatomy) (2 credits) The purpose of this course is to provide the basic structure of the body, tasks and structure of organs forming systems. In this course the students have learned to make preparations for the radiographic examination of the patient. The basis of this course is to distinguish the basic structure of the human body, bones of motion system, muscles and joints of the anatomical structures and the extremities of the anatomical organization, circulation and anatomical structures and thorax anatomical organization of the respiratory system, digestive system and urogenital tract anatomic structure and abdomen-pelvis anatomical organization and nervous system, anatomic structures of the head and neck endocrine system and sense organs and anatomical organization. *(This course is given in Turkish)*

RDT106 Temel Onkoloji (Basic Oncology) (3 credits) The purpose of this course is to introduce the basis of oncology, cell and cell exchange, transformation of cancer cells, differences between benign and malign cells, factor of the cancer, common cancers and types of cancer. Moreover students will be have knowledge about cell, cancer cell and cell transformation. This course also provides to introduce cancer types and radiotherapy treatment modalities. *(This course is given in Turkish)*

RDT108 Tıbbi Görüntüleme (Medical Imaging) (3 credits) The purpose of this course is to provide radiography to gain qualifications related to the acquisition. Students are expected to obtain radiographs and learning the intricacies of film processing techniques. Students will have the ability to distinguish the characteristics of sectional radiography. *(This course is given in Turkish)*

RDT103 Radyoterapi Cihazları (Radiotherapy Devices) (3 credits) The purpose of this course is to provide the most appropriate treatment for cancer patients, according to tumor location, students have the tumor maximum dose, while the environment healthy tissues and critical organs ability to make the selection of devices to minimize damage. *(This course is given in Turkish)*

RDT205 Tıbbi Dökümantasyon ve Arşivleme Medical Documentation and Filing) (2 credits) The purpose of this course is to define archiving systems. *(This course is given in Turkish)*

RDT203 Simülasyon Tekniği I (Simulation Technique I) (3 credits) The purpose of this course is to provide tumor-based simulation immobilize the patient, learn to calculate the critical organs are considering the therapy-induced changes in tumor motion. *(This course is given in Turkish)*

SYAD201 Yabancı Dil I (Foreign Language I) (3 credits) The purpose of this course is learning to use the subjects which are below four talent (writing, speaking, reading and perceptipon).

TGT203 Nükleer Tıp (Nuclear Medicine) (3 credits) The purpose of this course is to the radiologic anatomy course is to define what scintigraphy is in nuclear medicine and its functions. It is to explain what the radioactivity preparation and prevention. It is to define the warm room and working conditions in nuclear medicine. It is to describe radiation protection functions and ways. *(This course is given in Turkish)*

RDT201 Radyoterapi Uygulamaları II (Radiotherapy Applications II) (5 credits) The purpose of this course is to provide general and detailed information about their programs. Students will have information about the rules to be followed in the hospital. They will do the job description as a technician in radiotherapy units are made by the responsible nurses and technicians. They will have information about how it should be approached with patients, beam delivery, how to use the device. *(This course is given in Turkish)*

RDT206 Simülasyon Tekniği II (Simulation Technique II) (3 credits) The purpose of this course is to explain the general and basic concepts related to the treatment plan. *(This course is given in Turkish)*
(Prerequisite: RDT203)

SYAD202 Yabancı Dil II (Foreign Language II) (3 credits) The purpose of this course is learning to use the subjects which are below four talent (writing, speaking, reading and perceptipon).

SGSA101 Güzel Sanatlar (Fine Arts) (3 credits) This course is designed to evaluate 20th century art historically in the context of Modernism. Through chapters, readings, and case analyses, we will focus on key moments and stylistic trends, as well as, social and cultural relationships in the history of modern art from the late 19th century to mid 20th century. During the lectures, students will be exposed to the subject by means of text, lecture, discussion, and use of audio/visual resources. *(This course is given in Turkish)*

SHT120 Tıbbi Etik ve Hasta Hakları (Medical Ethics and Patient Rights) (2 credits) The purpose of this course is to provide medical ethics and to the general and basic information about patients' rights. The necessity of taking care obligations in respect of information aims to provide explanatory information. *(This course is given in Turkish)*

SHT208 Mezuniyet Projesi (Graduation Project) (1 credit) Basic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health. *(This course is given in Turkish)*

SHT112 Temel İlk Yardım (1 credit) The main aim of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish)*

ELECTIVES

IAY109 Afet Bilgisi (Disaster Information) (3 credits) This course aims to teach a supportive planning procedure in natural disaster process from the aspect of negative effects as physical, economic, social psychological. It also aims to provide general information about constructing a defence

mechanism and coping methods in this period by using local sources and human supports. *(This course is given in Turkish)*

SHT203 Araştırma Yöntem ve Teknikleri (Research Methods and Techniques) (3 credits) The purpose of this course is to provide general knowledge about research techniques for conducting proper research. Moreover, this course also aims to demonstrate two basic types of researches as qualitative and quantitative research methods. At the end of this course students are expected to conduct experimental work by using both these theories. *(This course is given in Turkish)*

DYZ104 Beslenme İlkeleri (Nutrition Principles) (3 credits) The aim of this course is to define nutrition concepts and its variety for student. Healthy and unhealthy nutrition principles, protein focused nutrition principles and its strengths and limitations, carbohydrate focused nutrition principles and its strengths and limitations, a variety of dietary principles and to provide basic info about nutrition terms. *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojileri (Information and Communication Technologies) (3 credits) The purpose of this course is to comprehend the importance of basic information technology. Computer hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. *(This course is given in Turkish)*

SBLG101 Bilgisayara Giriş (Basic Computer Skills) (3 credits) The purpose of this course is to provide general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SHT104 Biyoistatistik (Biostatistics) (3 credits) The purpose of this course to explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

SHS258 Çevre ve Sosyal Sorumluluk (Environment and Social Responsibility) (3 credits) The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environmental Health) (3 credits) The purpose of this course is to general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause

chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. (*This course is given in Turkish*)

CGL108 Eğitim Becerileri (Education Skills) (3 credits) The purpose of this course is to provide both a cognitive and experiential approach to Human and Children's rights education. Moreover, the course seeks to provide a venue for discussion of Human and Children's Rights so that these issues become relevant components of the everyday lives, consciousness and goals as professional educators and students of education. (*This course is given in Turkish*)

TBD102 Etkili Konuşma Teknikleri (Effective Speaking Techniques) (3 credits) (*See General Education*)

SKI206 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is to demonstrate general information about entrepreneurship process. Moreover, this lecture also provides types of entrepreneurship and how we apply theories of this concept in daily life. (*This course is given in Turkish*)

TLT101 Genel Biyoloji (General Biology) (3 credits) The aim of this course is to define basic terms that related to biology as carbohydrates, lipids, proteins, nucleic acids, cell and its construction, biological membrane, cell cytoplasm, cytokinesis and nuclear divisions, DNA RNA, protein synthesis, genetic illnesses, genetic vulnerability and the other biological concepts. (*This course is given in Turkish*)

SHT124 Genel Kimya (General Chemistry) (3 credits) This course aims to help student for developing their basic knowledge level in both applying and theoretical course and provide basic information that related to those courses. (*This course is given in Turkish*)

SHT201 Halk Sağlığı (Public Health) (3 credits) This course aims to provide general information for students that related to public health define its termination as mother-child health, adolescence health, work health and family planning and health education. (*This course is given in Turkish*)

SHT108 Hastalıklar Bilgisi (Knowledge of Diseases) (3 credits) This Lecture aims to provide general information about infectious illness that related to prenatal, infant and early adolescent periods and so on. Moreover, this lecture also focuses on the developmental childhood disorders as well as childhood illness and evaluates them by using different psychology approaches such as genetic, biological, cognitive and family systemic approaches. (*This course is given in Turkish*)

IAY207 İleri Sürüş Teknikleri (Advanced Drive Techniques) (3 credits) (*See General Education*)

SHS259 İş Sağlığı ve Güvenliği (Work Health and Security) (3 credits) The aim of this lecture is to provide basic knowledge in order to protect themselves in working environments such as health services. Moreover, it also aims to analyse the basic proactive techniques in working environment, the basic responsibilities of employer, the general expectancies of employee and the differences between employer's expectancies. (*This course is given in Turkish*)

ODY105 İşaret Dili (Sign Language) (3 credits) The aim of this course is to demonstrate basic sign language by using mimics jests and main characteristics of this language. Moreover, this course also aims to provide the basic knowledge about Turkish sign language and world sign language and their similarities and differences in accordance to today's sign international sign language. It also aims to provide basic grammar rules about sign language and its constructions. *(This course is given in Turkish)*

TBD106 Kişilerarası İlişkiler (Interpersonal Relations) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SKI208 Müşteri İlişkileri Yönetimi (Customer Relations Management) (3 credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

SMAT101 Matematik (Mathematics) (3 credits) The aim of this course is to demonstrate basic math problem solving methods and to define basic terms as EBOB- EKOK rational numbers, real numbers and absolute value, multiplicity terms, exponential numbers and equation terms. *(This course is given in Turkish)*

SKI208 Hastane Bilgi İşlem Sistemleri (Hospital Computing Services) (3 credits) The aim of this course, in accordance with the health sector's expectations and needs train medical secretaries which showing lifelong development trend, have sufficient knowledge and skilled in the field. The aim is train health technicians which carry out the secretarial services, diagnosis of diseases, capable of diagnosis and treatment with the registration process, capable of preparing. Administrative, medical and statistical documentation, at the same time capable of can achieved and edit the documents, organize archives, develop them and prepare and file processing with patient admission to the examination obtain findings in scientific research in various fields of medicine and health technology review, offer the resectars service and put them in a order, fulfilling similar duties effectively, qualified, communicate easily and have strong sense of responsibility in health facilities. *(This course is given in Turkish)*

SHS260 Psikolojik Danışmanlık ve Rehberlik (Psychological Counseling and Guidance) (3 credits) This course aims to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 credits) The purpose of this course is to demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Healthcare) (3 credits) The purpose of this course is to provide the basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing in Healthcare) (3 credits) The purpose of this course is to; The advantages of marketing activities in health institutions; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, implementing, evaluating and controlling; health care purchasing behavior of buyers and decision-making processes; factors affecting the satisfaction of the consumers, the marketing strategy for corporate image transmission development for health services is to inform about the basic principles for the development. *(This course is given in Turkish)*

SHT206 Sağlık Hukuku ve Mevzuatı(Health Law and Legislation) (3 credits) The purpose of this course is to identifying the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish)*

SKI102 Sağlık Kurumları Yönetimi (Health Care Management) (3 credits) The purpose of this course is to Health Care Management provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

SKI108 Sağlık Sosyolojisi (Health Sociology) To students, social structure of society, its values and to acquaint the effects on their health.

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Healthcare) (3 credits) The purpose of this course is to basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SHS261 Sosyal Hizmetler (Social Services) (3 credits) The purpose of this course is to define construction of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate. *(This course is given in Turkish)*

SKI209 Stres Yönetimi (Stress Management) (3 credits) *(See General Education)*

RDT105 Tedavi Prensipleri I (Treatment Principle I) (3 credits) The purpose of this course is to provide general principles of treatment and radiotherapy in cancer patients. *(This course is given in Turkish)*

RDT110 Tedavi Prensipleri II (Treatment Principle II) (3 credits) The purpose of this course is to provide general principles of treatment and radiotherapy in cancer patients. *(This course is given in Turkish)*

SHT107 Temel Fizik (Basic Physics) (3 credits) The purpose of this course is to provide a thorough introduction to classical physics .Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

SISL102 Temel İşletme (Basic Business) (3 credits) The aim of this couse,gain competaneres about the establishment of the company, the basic concepts of business management and continnuty and also apbication that will help in working life to the student. *(This course is given in Turkish)*

SKI101 Yönetim ve Organizasyon (Management an Organization) (3 credits) The aim of this course; Management considerations relating to the management company under the discipline occurred in the last century, the theory discussions, current critics and new approaches is the content of the course. The goal of management trainees to acquire knowledge related to intellectual evolution of management is to improve discipline and foresight. *(This course is given in Turkish)*

SHT212 Tıbbi İngilizce I (Medical English I) (3 Credits) *(See General Education)*

SHT213 Tıbbi İngilizce II (Medical English II) (3 Credits) *(See General Education)*

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) *(See General Education)*

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) *(See General Education)*

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) *(See General Education)*

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) *(See General Education)*

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) *(See General Education)*

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) *(See General Education)*

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) *(See General Education)*

Senior Care (Turkish)

About Program

Changes in demographics distribution in our country and in the world demonstrate a decrease in young population and an increase in older population. At the same time traditional family structure is breaking down and the nuclear family is being unable at senior care which is an important area of social services. For this reason it is clear that the need for qualified staff able to work with older people has become important.

Goals

This program goals to train health technicians that are well educated and able to work in senior care services in public and private organizations.

Objectives

Students who graduate from this department can work in social services related to senior care such as municipalities, nursing home, senior care centers, public and private organizations. Moreover, Okan University Vocational School of health services is collaborating with KASEV to provide our students with opportunities for practical experience.

The total credits required for the satisfactory completion of the curriculum are 74 credits. The program additionally requires one internship enduring 30 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
SHT105	Anatomi ve Fizyoloji	Yes	Yes	3+0	3
SGSA101	Güzel Sanatlar (Alan Seçmeli)	Yes	Yes	3 + 0	3
SHT113	Davranış Bilimleri	Yes	Yes	2 + 0	2
SHT109	Tıbbi Terminoloji	Yes	Yes	3 + 0	3
YSB101	Temel Gerontoloji	Yes	Yes	2 + 0	2
SHT112	Temel İlk Yardım	Yes	Yes	1 + 0	1
Total :					18

2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
YSB108	Yaşlılarda Beslenme	Yes	Yes	2+ 0	2
YSB106	Yaşlılıkta Rehabilitasyon ve Uğraş Terapisi	Yes	Yes	3+2	4
SHT120	Tıbbi Etik ve Hasta Hakları	Yes	Yes	2 + 0	2
SHT110	Farmakoloji	Yes	Yes	3 + 0	3
YSB102	Yaşlı Bakımı İlkeler ve Uygulamaları I	Yes	Yes	1 + 8	5
Total :					20

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
YSB209	Yaşlı Bakımı İlke ve Uygulamaları II	Yes	Yes	1 + 8	5
YSB207	Yaşlılarda Kronik Hastalıklar	Yes	Yes	3 + 0	3
YSB203	Geriatrik Psikoloji	Yes	Yes	3 + 0	3
YSB201	Ekzersiz Fizyolojisi ve Yaşlı Jimnastiği	Yes	Yes	1 + 2	2
Total :					16

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
YSB202	Evde Yaşlı Bakım Hizmetleri	Yes	Yes	1 + 8	5
SHT208	Mezuniyet Projesi	Yes	Yes	0 + 2	1
SYAD202	Yabancı Dil II	Yes	Yes	3 + 0	3
SHS251	Seçmeli Ders I	Yes	Yes	3 + 0	3
SHS252	Seçmeli Ders II	Yes	Yes	3 + 0	3
SHT116	Enfeksiyon Kontrol ve Sterilizasyon Esasları	Yes	Yes	3 + 0	3
YSB104	Yara Bakımı	Yes	Yes	1 + 2	2
Total					20

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
SKI108	Sağlık Sosyolojisi	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojisi	No	Yes	3 + 0	3
SBLG101	Bilgisayarar Giriş	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3
CGL108	Eğitim Becerileri	No	Yes	3 + 0	3
TBD102	Etkili ve Güzel Konuşma Teknikleri	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3
SKI206	Girişimcilik	No	Yes	3 + 0	3
SHT201	Halk Sağlığı ²⁹⁷	No	Yes	3 + 0	3
SHT108	Hastalıklar Bilgisi	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SKI 208	Hastane Bilgi İşlem Sistemleri	No	Yes	3 + 0	3
IAY207	İleri Sürüş Teknikleri	No	Yes	3 + 0	3
SHS259	İş Sağlığı ve Güvenliği	No	Yes	3 + 0	3
ODY105	İşaret Dili	No	Yes	3 + 0	3
TBD106	Kişiler arası İlişkiler	No	Yes	3 + 0	3
SMAT101	Matematik	No	Yes	3 + 0	3
SKI208	Müşteri İlişkileri Yönetimi	No	Yes	3 + 0	3
SHS260	Psikolojik Danışmanlık ve Rehberlik	No	Yes	3 + 0	3

SHT122	Sağlık Eğitimi	No	Yes	3 + 0	3
SKI 207	Sağlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Sağlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3
SHT206	Sağlık Hukuku ve Mevzuatı	No	Yes	3 + 0	3
SKI205	Sağlık İletişimi	No	Yes	3 + 0	3
SKI102	Sağlık Kurumları Yönetimi	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SKI110	Sağlıkta Kalite Yönetimi	No	Yes	3 + 0	3
SHS261	Soyal Hizmetler	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3
SISL102	Temel İşletme	No	Yes	3 + 0	3
SHT212	Tıbbi İngilizce I	No	Yes	3 + 0	3
SHT213	Tıbbi İngilizce II	No	Yes	3 + 0	3
SKI101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
SGSA103	Tıp Fotoğrafçılığı (Güzel Sanatlar Alan Seçmeli)	Yes	Yes	3 + 0	3
SGSA105	Tıp Ressamlığı (Güzel Sanatlar Alan Seçmeli)	Yes	Yes	3 + 0	3
SGSA 107	Sağlık ve Tiyatro (Güzel Sanatlar Alan Seçmeli)	Yes	Yes	3 + 0	3
SGSA109	Sağlık Kültürü (Güzel Sanatlar Alan Seçmeli)	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SGSA111	Sağlık ve Sanat (Güzel Sanatlar Alan Seçmeli)	Yes	Yes	3 + 0	3
SGSA113	Sağlık ve Mimarlık (Güzel Sanatlar Alan Seçmeli)	Yes	Yes	3 + 0	3
SGSA 115	Sağlık ve Sinema (Güzel Sanatlar Alan Seçmeli)	Yes	Yes	3 + 0	3
Grand Total					74

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I (2 credits) (*See General Education*).

STRD101 Türk Dili I (2 credits) (*See General Education*)

SHT 105 Anatomi ve Fizyoloji (Anatomy and Physiology) (3 credits) The purpose of this course is to present a comprehensive study of the anatomy and physiology of the human body. Topics include body organization; homeostasis; cytology; histology; and the integumentary, skeletal, muscular, nervous systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. (*This course is given in Turkish*)

SHT113 Davranış Bilimi (Behavioral Sciences) (2 credits) The purpose of this course is to examine the main component of behavioural sciences by analysing the reason for human behavioural nature and provides general information about theoretical subjects of psychology as defence mechanisms, psychology of learning and attitude theorizes. Moreover, it also aims to increase students' knowledge of how social and behavioral scientists discover, describe, and explain the behaviors and interactions among individuals, groups, institutions, events and ideas. Such knowledge will better equip students to understand themselves and the roles they play in addressing the issues facing humanity. (*This course is given in Turkish*)

SHT109 Tıbbi Terminoloji (Medical Terminology) (3 credits) The purpose of this course is to provide general information about the basics of medical terminology for those who study the health disciplines and health institutions. Moreover, this lecture aims to help students communicate with their colleagues and other health personnel and make it easier to learn the meaning of manmade structures and classification of diseases and related information to teach. (*This course is given in Turkish*)

YSB101 Temel Gerontoloji (Basic Gerontology) (2 credits) The purpose of this course is to give information to the students about basic concepts and approaches about gerontology, to make them understand the basic concepts about gerontology, to give them an insight about the development of gerontology both in Turkey and in the world, relations between gerontology and the related basic concepts and to make them understand the basic concepts and the approaches. Moreover, it also aims to make them understand the importance of the protection and preservation of the health, to familiarize with geriatric care technician as a profession, to make them learn and use the basic concepts and procedures regarding the gerontology practices and make them to gain the skills of providing planned patient care. (*This course is given in Turkish*)

SHT112 Temel İlk Yardım (Basic First Aid) (1 credit) The purpose of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. (*This course is given in Turkish*)

SATA102 Atatürk İlkeleri ve İnkılap Tarihi II (Principles of Atatürk & History of Turkish Revolution II) (2 Credits) (*See General Education*)

STRD102 Türk Dili II (Turkish Language II) (2 Credits) (*See General Education*)

YSB108 Yaşlılarda Beslenme (Nutrition in Elderly) (2 credits) The purpose of this course is to explain the effect on health of well-adequed and unbalanced nutrition, nutrients, food groups, healthy eating patterns on the basis of healthy nutrition, healthy and balanced menu planning. Also this course explain obesity, malnutrition, weight control, eating disorders in elder people. *(This course is given in Turkish)*

YSB106 Yaşlılıkta Rehabilitasyon ve Uğraş Terapisi (Rehabilitation in Elderly and Occupational Therapy) (4 credits) The purpose of this course is to ensure a more harmonious social life of the elderly and metabolic energy and the effect of exercise on elderly individuals. Main topics: definition and scope of social rehabilitation, elderly protection, providing confidence in maintaining the social life-skills, household management, private home exercise programs, hobbies and leisure time activities, safe environment for elderly preparation, case presentation. *(This course is given in Turkish)*

SHT120 Tıbbi Etik ve Hasta Hakları (Medical Deontology and Medical Ethics) (2 credits) The purpose of this course is to provide general and basic information about medical ethics and patient rights. It aims to provide informative knowledge together with the information about taking over the care responsibility. *(This course is given in Turkish)*

SHT110 Farmakoloji (Pharmacology) (3 credits) The purpose of this course is to provide general information about the basic concepts of the interactions between the drugs and living organisms and to teach the students about the minimum pharmacological approach about the drugs used in maintenance of health and the treatment of diseases. Moreover, this lecture aims to evaluate the major drug classifications, through the use of prototypes and teach the necessary the drugs for human systems and diseases. *(This course is given in Turkish)*

YSB102 Yaşlı Bakımı İlkel ve Uygulamaları I (Aged Care Policy and Practice I) (5 credits) The purpose of this course is to make student learn and use the basic concepts and procedures regarding the gerontology practices and make them to gain the skills of providing planned patient care. Moreover it also aims to teach the biological risk factors in gerontology besides the methods of preventing infections, the practices that will help the elderly individuals to maintain their healthy physiological capacity, the importance of the activity of the elder people, principles and practices of making a bed, bed-related risk factors and follow-up, following up the basic vital signs, nutrition, personal self-care and the methods of delivering the medicines. *(This course is given in Turkish)*

YSB209 Yaşlı Bakımı İlke ve Uygulamaları II (Aged Care Policy and Practice II) (5 credits) The purpose of this course is to make student learn and use the basic concepts and procedures regarding the gerontology practices and make them to gain the skills of providing planned patient care. Moreover it also aims to teach about the care services to be provided to the dependent elderly individuals, principles of care for chronic diseases, practices of creating a safe environment for the geriatric, principles of immediate aid, establishing the required conditions for a healthy sleep, liquid balance, communication with the family and daily hobby and life skills. *(This course is given in Turkish. Pre request; CGL102)*

YSB207 Yaşlılarda Kronik Hastalıklar (Chronical Diseases in Elderly) (3 credits) The purpose of this course is to present a comprehensive review etiology, clinical findings, diagnosis and basic treatment of chronic diseases of elder people. Also this course designed to present preventative take precaution. Topics include elder body organization; homeostasis; and disease of skeletal, muscular, joint, cardiovascular, blood, immune, respiratory, endocrine, excretory, nervous, sensory, digestive systems and special senses. Upon completion, students should be able to demonstrate an in-depth

understanding of principles of basic anatomy and main physiology and their interrelationships in elder people. *(This course is given in Turkish)*

YSB203 Geriatrik Psikoloji (Geriatric Psychology) (3 credits) The purpose of this course is to provide information about the psychological problems faced by elderly individuals. Main topics: the effects of ageing process on the psychosocial functions, learning, emotional and physical capacity, psychosocial aspects of ageing in elderly individuals and character changes, neurological disorders showing distinctive and different features, depression and other similar problems seen among elderly individuals, late-life anxiety, late-life bipolar disorders. *(This course is given in Turkish)*

YSB201 Ekzersiz Fizyolojisi ve Yaşlı Jimnastiği (Exercise Physiology and Old Gymnastics) (2 credits)The purpose of this course is to explain the cell structure and human body systems, physical features, metabolic energy sources, exercise physiology and its features according to the age. It also provides information about the effects of regular physical activity in elderly individuals on the body systems and potential benefits thereof. Moreover in this course, exercise types, intensity and duration of the exercises appropriate for the physiology of the elderly individuals are explained. Moreover, the potential risks of the physical exercise to the skeletal muscle system of the elderly individual are mentioned. *(This course is given in Turkish)*

YSB202 Evde Yaşlı Bakım Hizmetleri (Aged Care Services at Home) (5 credits)The purpose of this course is to prevent the health/social problems faced by elderly individuals at home environment and explain the contribution of the geriatric care technician to coping methods against these problems if they already emerged. Today, ageing in place namely ageing at the home where the individual lives in is advised. It is possible that the geriatric care technician helps the elderly individual who lives at his/her home to maintain his/her physical, social and emotional independence. In this course, the services to be provided to the elderly individuals are explained in detail by means of an “integrated approach” understanding. The student who will succeed in this course will be able to plan and carry out the service required to ensure and maintain the physical, social and emotional health of the elderly individual. *(This course is given in Turkish)*

SHT208 Mezuniyet Projesi (Graduation Project) (1 credit) The purpose of this course is to help student for application process of their two years education by summarizing their knowledge and from the aspect of each learned concept that they’ve practice during their education. *(This course is given in Turkish)*

SHT116 Enfeksiyon Kontrol ve Sterilizasyon Esasları (Infection Control and Principles of Sterilization) (3 credits) The purpose of this course is to provide information about the sterilization method to promote infection control and to prevent hospital infections. Topics include: operating room, intensive care, intensive care units, the infection, hospital infections, sterilization methods. *(This course is given in Turkish)*

YSB104 Yara Bakımı (Wound Care) (2 credits) The purpose of this course is to provide controlling and healing the injured tissue with modern care methods as soon as possible complication occur. Main topics: skin structure, definition of wound, phases of wound healing and factors affecting wound healing, evaluation of the wound care and treatment of, prevention and treatment of pressure ulcers, vascular leg wound pathophysiology, treatment and care, pathophysiology of diabetic foot, strategies for prevention and nursing care, wound care product, *(This course is given in Turkish)*

ELECTIVES

IAY109 Afet Bilgisi (Disaster Information) (3 credits) The purpose of this course is to explain about the measures to prevent the disasters that result with physical, economical, social and environmental losses, effecting the communities by halting and suspending the normal life and human activities and cause the natural, technological and human originated events that may not be dealt with by the effected community by using their local facilities and sources besides the recovery studies after the emergence of the disaster. *(This course is given in Turkish)*

SHT203 Araştırma Yöntem ve Teknikleri (Research Methods and Techniques) (3 credits) The purpose of this course is to provide research capabilities to the students. *(This course is given in Turkish)*

SKI108 Sağlık Sosyolojisi (Health Sociology) (3 credits) The purpose of this course is to provide knowledge about social structure of society, its values and to acquaint the effects on their health. *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojisi (Information and Communication Technologies) (3 credits) The purpose of this course is to ensure that the students understand the importance and skills of basic information technologies. *(This course is given in Turkish)*

SBLG101 Bilgisayar Giriş (Basic Computer Skills) (3 credits) The purpose of this course is to provide general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

SHT104 Biyoistatistik (Biostatistics) (3 credits) The purpose of this course is to provide principles of statistics Course will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environmental Health) (3 credits) The purpose of this course to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution *(This course is given in Turkish)*

SHS258 Çevre ve Sosyal Sorumluluk (Environment and Social Responsibility) (3 credits) The purpose of this course to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

CGL108 Eğitim Becerileri (Education Skills) (3 credits) The purpose of this course is to inform the students about the answers of the questions such as why adult education is necessary, why the individual who will provide this education should receive a special training, what are the methods to be used for this education. Moreover it aims to inform the students about subjects such as the ways of accessing healthy and consistent information, ways of creating positive training atmosphere. *(This course is given in Turkish)*

TBD102 Etkili ve Güzel Konuşma Teknikleri (Effective Speaking Techniques) (3 credits) *(See General Education)*

TLT101 Genel Biyoloji (General Biology) (3 credits) The purpose of this course is to identify the chemical basis of life, atoms and organic compounds (carbohydrates, lipids, proteins, nucleic acids), to provide information about prokaryotic and eukaryotic cells and their features by making the definition of cell, to explain the relationship between cells by explaining the cell organelles and biological membranes, to provide information about the essentials of genetics and the functions of the chromosomes, to define the cell division by means of mitosis and meiosis, transfer of genetic knowledge (DNA, RNA, Protein Synthesis) and to give information about the genetic diseases and innovations in this field and to explain the biological systems and their functions. *(This course is given in Turkish)*

SHT124 Genel Kimya (General Chemistry) (3 credits) The purpose of this course is to increase the basic knowledge level of the students to make them understand both the theoretical and practical professional course. *(This course is given in Turkish)*

SKI206 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is to learn the basic concepts related with the entrepreneurship process and the behaviour and attitude features of the entrepreneurship, to make the entrepreneurship a behaviour pattern in various environments, to ensure the improvement of the entrepreneurship by means of leadership behaviours, to present creativity in using various methods to evaluate the opportunities they will encounter and to cope with the challenges. *(This course is given in Turkish)*

SHT201 Halk Sağlığı (Public Health) (3 credits) The purpose of this course is to make the student informed about the public health and its importance, the definitions used in public health and the subjects such as maternal and infant health, adolescent health, family planning, professional health, public health and health training. *(This course is given in Turkish)*

SHT108 Hastalıklar Bilgisi (Knowledge of Disease) (3 credits) The purpose of this course is to explain the liquid-electrolyte, acid-base balance, circulatory abnormalities, stress, shock, gastrointestinal system diseases, endocrine system diseases, cardiovascular system diseases, respiratory system diseases, immune system diseases, blood diseases, nervous system diseases, dermatological diseases and the care for these diseases. *(This course is given in Turkish)*

SKI208 Hastane Bilgi İşlem Sistemleri (Hospital Computing Services) (3 credits) The purpose of this course is to develop the skills of a medical secretary who have gained advanced knowledge, skills and experience, tends to develop all time, creates difference according to the expectations and needs of the healthcare sector. *(This course is given in Turkish)*

IAY207 İleri Sürüş Teknikleri (Advanced Driving Techniques) (3 Credits) *(See General Education)*

SHS259 İş Sağlığı ve Güvenliği (Work Health & Security) (3 credits) The purpose of this course is to convey the information about personal protection in work places especially in the hospital environment. On the other hand, subjects such as protection methods in the work place, the responsibilities of the work place to the employees, the relation of employee and employer expectations with the work safety are covered in the course. *(This course is given in Turkish)*

ODY105 İşaret Dili (Sign Language) (3 credits) The purpose of this course is to explain and teach the sign language that is a visual language used among the hearing-impaired individuals by using their hand movements and facial expressions to the individuals who do not have a hearing impairment. Every country has its own sign language. The structure of Turkish Sign Language (Türk İşaret Dili-TİD) which is the oldest recorded sign language of the world history is very different from Turkish language. The aim is to train “sign language interpreters” at a basic level to help the hearing-impaired individuals by teaching the students about grammar, words and methods of sign language used by these individuals whose biggest problem is communication. *(This course is given in Turkish and sign language)*

TBD106 Kişiler Arası İlişkiler (Interpersonal Relations) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SMAT101 Matematik (Mathematics) (3 credits) The purpose of this course is to introduce the mathematical logic by means of the basic concepts, solution and base arithmetic, long division, divisibility rules, GCD-LCM understanding, rational number concept, real numbers, absolute value, exponential and radical expressions, factorization, ratio and proportion, equations and problems. *(This course is given in Turkish)*

SKI208 Müşteri İlişkileri Yönetimi (Consumer Relations Management) (3 credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

CGL115 Psikolojik Danışmanlık ve Rehberlik (Counselling Psychology and Guidance) (3 credits) This course aims to provide general information about the general concepts of psychological counselling and guidance theories and also summarizes basic terms such as family system, family counselling, Bowen family counselling, cognitive behavioral family counselling concepts and its functionality. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 credits) The purpose of this course is to teach the Education and training concepts, usage of tools and technology in education, Health Education, Health Education with Adults, Health Education with Children, Health Behaviour and Health Education, Planning Health Education in Basic Healthcare Services, Health Education with Communities, Group Presentation and Discussion. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Services) (3 credits) The purpose of this course is to provide the basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of

health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing In Health Services) (3 credits) The purpose of this course is to provide the advantages of marketing activities in health institutions; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, implementing, evaluating and controlling; health care purchasing behavior of buyers and decision-making processes; factors affecting the satisfaction of the consumers, the marketing strategy for corporate image transmission development for health services is to inform about the basic principles for the development. *(This course is given in Turkish)*

SHT206 Sağlık Hukuku ve Mevzuatı (Health Law and Legislation) (3 credits) The purpose of this course is to identify the scope of the legal problems faced by people diagnosed and treated agreement is to contribute to the solution. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to provide effective communication in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish)*

SKI102 Sağlık Kurumları Yönetimi (Health Institutions Managemet) (3 credits) The purpose of this course is to provide Health Care Management provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 credits)The purpose of this course is to provide knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Healthcare) (3 credits)The purpose of this course is to provide basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SHS261 Sosyal Hizmetler (Social Services) (3 credits)The purpose of this course is to definition of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate. *(This course is given in Turkish)*

SKI209 Stres Yönetimi (Stress Management) (3 credits) *(See General Education)*

SHT107 Temel Fizik (Basic Physics) (3 credits)The purpose of this course is to provide a thorough introduction to classical physics .Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of

science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

SISL102 Temel İşletme (Basic Business) (3 credits)The purpose of this course is to teach the students about basic concepts regarding the establishment, management and durability of the organization and to provide them the skills on the practices. *(This course is given in Turkish)*

SKI101 Yönetim ve Organizasyon (Management an Organization) (3 credits) The aim of this course; Management considerations relating to the management company under the discipline occurred in the last century, the theory discussions, current critics and new approaches is the content of the course. The goal of management trainees to acquire knowledge related to intellectual evolution of management is to improve discipline and foresight. *(This course is given in Turkish)*

SHT212 Tıbbi İngilizce I (Medical English I) (3 Credits) *(See General Education)*

SHT213 Tıbbi İngilizce II (Medical English II) (3 Credits) *(See General Education)*

SGSA103 Tıp Fotoğrafçılığı (Medical Photography) (3 credits) *(See General Education)*

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) *(See General Education)*

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) *(See General Education)*

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) *(See General Education)*

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) *(See General Education)*

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) *(See General Education)*

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) *(See General Education)*

Technology of Pathology Laboratory (Turkish)

About Program

This program aims to train pathology laboratory technicians that assist to application of technical services in pathology laboratories and who also have appropriate skills for the usage of modern technological equipment. They will also have special skills for problem solving and coordination.

Goals

The aim of the program is to educate technicians who can undertake the pre operative preparation of the patient, who can support the anaesthetist during surgery and who can undertake patient control and inspection post operatively. Students are also taught, in addition to advanced anaesthesia machines and different anaesthetic techniques, details of sterilization and emergency patient care.

Objectives

Students who graduate from this department can work in the pathology laboratories of university hospitals, government and private hospitals, histology laboratories of medical schools, molecular pathology laboratories and forensic medicine laboratories.

The total credits required for the satisfactory completion of the curriculum are 79 credits. The program additionally requires one internships enduring 30 work days.



CURRICULUM

1. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA101	Atatürk İlkeleri ve İnkılap Tarihi I	Yes	Yes	2 + 0	2
STRD101	Türk Dili I	Yes	Yes	2 + 0	2
SHT119	Histoloji	Yes	Yes	2 + 0	2
SHT124	Genel Kimya	Yes	Yes	3 + 0	3
PTL101	Genel Patoloji	Yes	Yes	3 + 0	3
SHT115	Mikrobiyoloji	Yes	Yes	3 + 0	3
SHT105	Anatomi ve Fizyoloji	Yes	Yes	3 + 0	3
SHT109	Tıbbi Terminoloji	Yes	Yes	3 + 0	3

[+] 1. Semester Elective Course List

Total :	21
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2. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
SATA102	Atatürk İlkeleri ve İnkılap Tarihi II	Yes	Yes	2 + 0	2
STRD102	Türk Dili II	Yes	Yes	2 + 0	2
PTL102	Patoloji Laboratuvar Teknolojisi	Yes	Yes	3 + 0	3
PTL104	Patoloji Laboratuvar Uygulaması I	Yes	Yes	1 + 8	5
SGSA101	Güzel Sanatlar (Alan Seçmeli)	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SHT111	Biyokimya	Yes	Yes	3 + 0	3
PTL106	Patoloji Laboratuvarında Güvenlik	Yes	Yes	2 + 0	2
SHS251	Seçmeli Ders I	No	Yes	3 + 0	3

[+] **2. Semester Elective Course List**

Total :	23
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3. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
PTL203	Özel Histokimya Teknikleri	Yes	Yes	3 + 0	3
PTL205	Patoloji Laboratuvar Uygulaması II	Yes	Yes	1 + 8	5
SHT112	Temel İlk yardım	Yes	Yes	1 + 0	1
SYAD201	Yabancı Dil I	Yes	Yes	3 + 0	3
PTL201	Genel Sitoloji	Yes	Yes	3 + 0	3
SHS252	Seçmeli Ders II	No	Yes	3 + 0	3
Total :					18

4. SEMESTER COURSE PLAN

Code	Course Title	*C	**A	***L+P Hours	Credits
PTL202	İmmünohistokimya	Yes	Yes	2 + 0	2
PTL208	Sitoteknoloji	Yes	Yes	3 + 0	3
SYAD202	Yabancı Dil II	Yes	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SHT208	MezuniyetProjesi	Yes	Yes	0 + 2	1
PTL206	Moleküler Patoloji Teknikleri	Yes	Yes	2 + 0	2
SHS253	Seçmeli Ders III	No	Yes	3 + 0	3
SHS254	Seçmeli Ders IV	No	Yes	3 + 0	3
Total :					17

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
IAY109	Afet Bilgisi	No	Yes	3 + 0	3
SHT203	Araştırma Yöntem ve Teknikleri	No	Yes	3 + 0	3
DYZ104	Beslenme İlkeleri	No	Yes	3 + 0	3
SKI204	Bilgi ve İletişim Teknolojileri	No	Yes	3 + 0	3
SBLG101	Bilgisayara Giriş	No	Yes	3 + 0	3
SHS257	Çevre Sağlığı	No	Yes	3 + 0	3
SHS258	Çevre ve Sosyal Sorumluluk	No	Yes	3 + 0	3
CGL108	Eğitim Becerileri	No	Yes	3 + 0	3
TBD102	Etkili ve Güzel Konuşma Teknikleri	No	Yes	3 + 0	3
TLT101	Genel Biyoloji	No	Yes	3 + 0	3
SHT124	Genel Kimya	No	Yes	3 + 0	3

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

SKI206	Giriřimcilik	No	Yes	3 + 0	3
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[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
PTL103	Adli Tıp	No	Yes	3 + 0	3
SHT201	Halk Saęlıęı	No	Yes	3 + 0	3
SHT108	Hastalıklar Bilgisi	No	Yes	3 + 0	3
SHS259	İř Saęlıęı ve Güvenlięi	No	Yes	3 + 0	3
ODY105	İřaret Dili	No	Yes	3 + 0	3
TBD106	Kiřilerarası İliřkiler	No	Yes	3 + 0	3
SKI208	Müřteri İliřkileri Yönetimi	No	Yes	3 + 0	3
SHS260	Psikolojik Danıřmanlık ve Rehberlik	No	Yes	3 + 0	3
SHT122	Saęlık Eęitimi	No	Yes	3 + 0	3
SKI207	Saęlık Hizmetlerinde Lojistik	No	Yes	3 + 0	3
SKI203	Saęlık Hizmetlerinde Pazarlama	No	Yes	3 + 0	3
SKI205	Saęlık İletiliřimi	No	Yes	3 + 0	3
SKI102	Saęlık Kurumları Yönetimi	No	Yes	3 + 0	3
SKI208	Hastane Bilgi İřlem Sistemleri	No	Yes	3 + 0	3
PTL204	Jinekolojik Sitoloji	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SKI110	Saęlıkta Kalite Yönetimi	No	Yes	3 + 0	3
SHS261	Sosyal Hizmetler	No	Yes	3 + 0	3
SKI209	Stres Yönetimi	No	Yes	3 + 0	3
SHT107	Temel Fizik	No	Yes	3 + 0	3
SHT212	Tıbbi İngilizce I	No	Yes	3 + 0	3
SHT212	Tıbbi İngilizce II	No	Yes	3 + 0	3
SKI101	Yönetim ve Organizasyon	No	Yes	3 + 0	3
SISL102	Temel İřletme	No	Yes	3 + 0	3
PTL108	Patolojide Özel Teknikler	No	Yes	3 + 0	3

SMAT101	Matematik	No	Yes	3 + 0	3
SHT104	Biyoistatistik	No	Yes	3 + 0	3
SKI106	Sağlık Sigortacılığı	No	Yes	3 + 0	3
SGSA103	Tıp Fotoğrafçılığı	No	Yes	3 + 0	3
SGSA105	Tıp Ressamlığı	No	Yes	3 + 0	3

[+] 4. Semester Elective Course List

Code	Course Title	*C	**A	***L+P Hours	Credits
SGSA107	Sağlık ve Tiyatro	No	Yes	3 + 0	3
SGSA109	Sağlık Kültürü	No	Yes	3 + 0	3
SGSA111	Sağlık ve Sanat	No	Yes	3 + 0	3
SGSA113	Sağlık ve Mimarlık	No	Yes	3 + 0	3
SGSA115	Sağlık ve Sinema	No	Yes	3 + 0	3
Grand Total					79

*C: Compulsory

**A: Average

*** L + P: Lecture + Practice

Course Descriptions

SATA101 Atatürk İlkeleri ve İnkılap Tarihi I (Principles of Atatürk & History of Turkish Revolution I) (2 credits) *(See General Education) (This course is given in Turkish)*

STRD101 Türk Dili I (Turkish Language I) (2 credits) *(See General Education) (This course is given in Turkish)*

SHT119 Histoloji (Histology) (2 credits) The purpose of this course is to provide general information about the underlying tissues in human tissues, and cellular basis of tissue differences classification by identifying with a group of specialized cells, which are represented in which tissue to grasp. To be informed about the systems in humans. *(This course is given in Turkish)*

PTL101 Genel Patoloji (General Pathology) (3 credits) The purpose of this course is to provide general information about pathology of human body. Moreover, this Lecture aims to teach the pathology laboratory functioning and practices and general terms in the pathology. During the lectures, students will be identify the pathology departments and will know the routine function, organization, authorization and responsibility of pathology. *(This course is given in Turkish)*

SHT115 Mikrobiyoloji (Microbiology) (3 credits) The purpose of this course is to provide general information about the basic microbiology is taught to students. During lesson, students have realized that basic notions about microbiology, generated and classified of microorganism, sterilization and disinfection, environmental microbiology normal flora, immune system, antigen and antibody, immunity against infections, vaccines and serums, hospital infection and diagnostics methods of microbiology. *(This course is given in Turkish)*

SHT105 Anatomi ve Fizyoloji (Anatomy and Physiology) (3 credits) The purpose of this course is designed to presents a comprehensive study of the anatomy and physiology of the human body. Topics include body organization; homeostasis; cytology; histology; and the integumentary, skeletal, muscular, nervous systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. *(This course is given in Turkish)*

SHT124 Genel Kimya (General Chemistry) (3 credits) The purpose of this course is to increase the level of basic knowledge in order to understand both the theoretical and practical vocational courses. *(This course is given in Turkish)*

SHT109 Tıbbi Terminoloji (Medical Terminology) (3 credits) The purpose of this course is to provides general information about the basics of medical terminology for those who study the health disciplines and health institutions. Moreover, this lecture aims to help students communicate with their colleagues and other health personnel and make it easier to learn the meaning of manmade structures and classification of diseases and related information to teach. *(This course is given in Turkish)*

SATA102 Atatürk İlkeleri ve İnkılap Tarihi II (Principles of Atatürk & History of Turkish Revolution II) (2 credits) *(See General Education) (This course is given in Turkish)*

STRD102 Türk Dili II (Turkish Language II) (2 credits) *(See General Education) (This course is given in Turkish)*

PTL102 Patoloji Laboratuvar Teknoloji (Pathology Laboratory Technology) (3 credits) The purpose of this course is to provide general information about teaching equipments and devices are used in pathology laboratory, to have routine work principles are to provide and analytical approaches. *(This course is given in Turkish)*

PTL104 Patoloji Laboratuvar Uygulaması I (Practice of Pathology Laboratory Techniques I) (5 credits) The purpose of this course is to provide implement safe working principles of the pathology laboratory, using light microscopes and maintenance gain skills, recognition of laboratory equipment and use, preparing to follow tissue from the body, ensuring the preparation and fixation, fixatives, microtome and winning the section preparation skills cryostat, bringing the case to be examined under the microscope of tissues. Understanding and implementation of routine and histone cytopathologically techniques used in pathology laboratories. Application of conventional dyes commonly used in pathology laboratories, analysis of paint defects. *(This course is given in Turkish)*

SHT112 Temel İlkyardım (First Aid) (1 credits) The main aim of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid. *(This course is given in Turkish)*

PTL106 Patoloji Laboratuvarında Güvenlik (Pathology Laboratory Safety) (2 credits) The purpose of this course is to designed to prepare students to be managers for the increasingly competitive business world. The emphasis of this course will be on the international business environment and the challenges of the multinational enterprise (MNE) in crafting global business strategies. Through chapters, readings, and case analyses, we will discuss issues related to comparative environmental framework, theories and institutions about trade and investment, global strategy, structure and implementation, world financial environments, managing international operations. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills. *(This course is given in Turkish)*

SHT111 Biyokimya (Biochemistry) (3 credits) The purpose of this course is to provide general information about biochemistry and the concept of learning and teaching of chemical structure and properties of biological molecules in living organisms, in addition to learn metabolism, anabolism and catabolism of biochemical reactions. Moreover, this Lesson aims to evaluate the main effective about the human body and animals. During the lectures, students will be taking on have the skills concepts of basic biochemistry, learn about the properties of water and aqueous solutions, chemical structure, properties and metabolism of biological molecules. Finally, students are expected to attend biochemical reactions anabolism and catabolism examination and understanding of the importance to terms of living. *(This course is given in Turkish)*

PTL203 Özel Histokimya Teknikleri (Special Histochemical Techniques) (2 credits) The purpose of this course is the basic principles of immunology and immune system examines tissue and cells involved. The immune system plays a vital role in protecting our body against infection and cancer. As the host defense system, with external pathogens must be able to distinguish between their own tissue. *(This course is given in Turkish)*

PTL205 Patoloji Laboratuvar Uygulaması II (Pathology Laboratory Practice II) (5 credits) The purpose of this course is to provide implement safe working principles of the pathology laboratory, using light microscopes and maintenance gain skills, recognition of laboratory equipment and use, preparing to follow tissue from the body, ensuring the preparation and fixation, fixatives, microtome and winning the section preparation skills cryostat, bringing the case to be examined under the microscope of tissues. Understanding and implementation of routine and histone cytopathologically techniques used in pathology laboratories. Application of conventional dyes commonly used in pathology laboratories, analysis of paint defects. *(This course is given in Turkish)*

SGSA101 Güzel Sanatlar (Fine Arts) (3 credits) This course is designed to evaluate 20th century art historically in the context of Modernism. Through chapters, readings, and case analyses, we will focus on key moments and stylistic trends, as well as, social and cultural relationships in the history of modern art from the late 19th century to mid 20th century. During the lectures, students will be exposed to the subject by means of text, lecture, discussion, and use of audio/visual resources. *(This course is given in Turkish)*

SYAD201 Yabancı Dil I (Foreign Language I) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing,speaking, reading and perceptipon)

PTL201 Genel Sitoloji (General Cytology) (3 credits) The purpose of this course is explained gynecology external systems cytology is in the preparation methods, normal and recognition-understanding of cytomorphological features of abnormal cells, fine needle aspiration (FNA) cytology Techniques and Patient material preparation, liquid-based gynecological cytology samples of normal and behavior of abnormal cells, Bethesda System diseases understanding examined by -2001, putting the diagnostic potential of liquid-based gynecological cytology, clinical cytology and know the basic features of cytotechnology, identification of areas of application, understanding basic cell structure and function in cytology, the recognition of normal and abnormal cells in gynecologic materials. *(This course is given in Turkish)*

PTL206 Moleküler Patoloji Teknikleri (Molecular Pathology Techniques) (2 credits) The purpose of this course is designed to optimize the diagnosis, in addition to standard pathological parameters to determine treatment and prognosis is to provide the use of genetic data. Here we will discuss the techniques used in molecular pathology and practice, will learn how to use these techniques. *(This course is given in Turkish)*

PTL203 Özel Histokimya Teknikleri (Immunohistochemistry) (3 credits) The purpose of this course is to provide histological special preparation methods; special machinery used fixing agents, special transparent method, tissue-specific component to the desired tissue staining methods and chemical reactions analyzed in this method. Immunohistochemical methods. *(This course is given in Turkish)*

SYAD202 Yabancı Dil II (Foreing Language II) (3 credits) The purpose of this course is learning to use the subjects which are below four talent(writing,speaking, reading and perceptipon)

PTL208 Sitoteknoloji (Cytology Techniques) (3 credits) The purpose of this course is explained several compartments for body fluids, aspiration cytology obtained from different organs, gynecologic cytology specimens of sitopreparasyo, microscopic examination and to provide information on the report. Clinical cytology and know the basic features of sitoteknoloj, identification of application areas, basic understanding of the structure and function of cells in cytology, the recognition of normal and abnormal cells in gynecologic materials. *(This course is given in Turkish)*

SHT208 Mezuniyet Projesi (Graduation Projects) (1 credits) Basic of patient care is designed to familiarize students with algorithms, procedures and standards in reference to the diseased persons, taking actions in relation to patients in the measurement of vital signs, interviewing patient and different techniques nurturing depending on the age and health. *(This course is given in Turkish)*

ELECTIVES

PTL103 Adli Tıp (Forensic Medicine) (3 credits) The purpose of this course is provided to provide information on general pathology in the human body. In addition, the functions of the pathology laboratory as well as in general terms this course teaches pathology and practices. During the course, students will learn about the pathology department and learn the routine functions. In addition, the functions of the pathology of responsibility, learn the organization and authority. *(This course is given in Turkish)*

SHT104 Biyostatik (Biostatistics) (3 credits) The purpose of this course is to we will explore the use of statistical methodology in designing, analyzing, interpreting, and presenting biological experiments and observations. We will cover descriptive statistics, elements of experimental design, probability, hypothesis testing and statistical inference, analysis of variance, correlation, regression techniques, and non-parametric statistical methods. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies. *(This course is given in Turkish)*

SHS257 Çevre Sağlığı (Environmental Health) (3 credits) The purpose of this course is to general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

PTL204 Jinekolojik Sitoloji (Gynecological Cytology) (3 credits) The purpose of this course is explained that clinical cytology and know the basic features of sitoteknoloj, identification of application areas, basic understanding of the structure and function of cells in cytology, the recognition of normal and abnormal cells in gynecologic materials. *(This course is given in Turkish)*

SMAT101 Matematik (Mathematics) (3 credits) The purpose of this course is that mathematical logic process with on fundamental concepts, analysis and base arithmetic, the only ones left pane, divisibility rules, Ebob-Ekok To understand the concept of rational numbers, real numbers, absolute value, exponential and radical expressions of understanding, factorization, ratios proportion, to introduce the concepts of equations and problems. *(This course is given in Turkish)*

PTL108 Patolojide Özel Teknikler (Special Techniques in Pathology) (3 credits) The purpose of this course is implemented safe working principles of the pathology laboratory, using light microscopes and win-care skills, recognition of laboratory equipment and use, preparing to follow tissue from the body, ensuring the preparation and fixation, fixatives, microtome and winning the section preparation skills cryostat, bringing the case to be examined under a microscope tissue . understanding and implementation of routine and histone cytopathologically techniques used in pathology laboratories.

Application of conventional dyes commonly used in pathology laboratories, Analysis of paint defects. *(This course is given in Turkish)*

SBLG101 Bilgisayara Giriş (Introduction to Computer) (3 credits) The purpose of this course is to this lecture provides general information about basic computer applications. Students will be able to recognize the operating systems differences, realize the word program, create the new document, spreadsheet, presentation and save them. Moreover, this lecture introduces features of a quality presentation. Also in this lecture, student s will have knowledge about internet, network, wire and wireless connections. *(This course is given in Turkish)*

IAY109 Afet Bilgisi (Disaster Information) (3 credits) The purpose of this course is realized that physical for the people, economy, generating social and environmental losses, stopping normal life and of human activity or interruptions affecting interrupting communities, natural will not deal using the local possibilities and resources of the affected communities, technological or human events to reason that you develop measures and disaster can be taken prior to the development of disaster after that defines the work of improvement. *(This course is given in Turkish)*

SHT203 Araştırma Yöntem ve Teknikleri (Research Methods and Techniques) (3 credits) The purpose of this course is to provide general knowledge about research techniques for conducting proper research. Moreover, this course also aims to demonstrate two basic types of researches as qualitative and quantitative research methods. At the end of this course students are expected to conduct experimental work by using both these theories. *(This course is given in Turkish)*

DYZ104 Beslenme İlkeleri (Nutrition Principles) (3 credits) The purpose of this course is provide to introduce students to the concept of diet and nutrition to teach the students about diversity. Healthy eating, unhealthy diet, nutrition and weight benefits of protein, carbohydrates which mainly benefits such as nutrition and diet also offered to different types of information aims to clarify the question of the students will learn about nutrition. *(This course is given in Turkish)*

SKI204 Bilgi ve İletişim Teknolojileri (Information and Communication Technologies) (3 credits) The purpose of this course is to comprehend the importance of basic information technology. Computer hardware, software and operating systems, internet and internet browser, e-mail management, newsgroups and forums, web-based learning, word processor, spreadsheet, presentations, Internet and career, personal web site development, e-commerce, promote material preparation. *(This course is given in Turkish)*

SHS258 Çevre ve Sosyal Sorumluluk (Environmental and Social Responsibility) (3 credits) The purpose of this course is to provide general information about basic environmental and the concept of learning water pollution, earth and air pollution. In addition, define the main about the properties of the water pollution which have cause chemical and others substances such as drugs, dyes, medical waste etc. Moreover, this lesson aims to how can solve problems related with Earth, airpollution. During the lectures, students will be taking on have the skills concepts of understand basic concepts of how can store waste materials and recovery. Finally, students are expected to solve environmental problems in the world and our country. *(This course is given in Turkish)*

CGL108 Eğitim Becerileri (Training Skills) (3 credits) This Lecture provides general information about child development that related to physical, cognitive and sexual development. Moreover, this lecture also focuses on family attitudes towards children's behaviours, and evaluates a considerable

amount of subjects such as child abuse, family dynamics and violence among family members. *(This course is given in Turkish)*

TBD102 Etkili ve Güzel Konuşma Teknikleri (3 credits) *(See General Education)* *(This course is given in Turkish)*

TLT101 Genel Biyoloji (General Biology) (3 credits) The purpose of this course is explained that life's chemical principles, atoms and organic compounds (carbohydrates, lipids, proteins, nucleic acids) identification, provide information about prokaryotic and eukaryotic cells and their properties by making the definition of cells, cell organelles and biological membranes announced by intracellular explain connections, principles and functions of chromosome inheritance to provide information about, to describe the cell division, mitosis and meiosis, genetic information transport (DNA, RNA, protein synthesis) and to provide information about innovations in the field of genetic diseases, explain biological systems and functions. *(This course is given in Turkish)*

SKI206 Girişimcilik (Entrepreneurship) (3 credits) The purpose of this course is realized that entrepreneurial process and basic concepts and entrepreneurial behavior and attitudes to know the specifics, entrepreneurship can make behavior patterns in different environments, to ensure the development and entrepreneurship, leadership behaviors, evaluate may face opportunities as an entrepreneur and to show creativity in using different methods on how to overcome the difficulties. *(This course is given in Turkish)*

SHT201 Halk Sağlığı (Public Health) (3 credits) This course aims to provide general information for students that related to public health define its termination as mother-child health, adolescence health, work health and family planning and health education.. *(This course is given in Turkish)*

SHT108 Hastalıklar Bilgisi (Knowledge of Diseases) (3 credits) This Lecture aims to provide general information about infectious illness that related to prenatal, infant and early adolescent periods and so on. Moreover, this lecture also focuses on the developmental childhood disorders as well as childhood illness and evaluates them by using different psychology approaches such as genetic, biological, cognitive and family systemic approaches. *(This course is given in Turkish)*

SKI208 Hastane Bilgi İşlem Sistemleri (Hospital Information Systems) (3 credits) The purpose of this course is explained that the health sector expectations and in line with the trend showing the lifelong development needs, have sufficient knowledge and skills in the field of differentiated and train medical secretaries. in health care facilities that can be executed by the secretariat services; diagnosis of diseases, capable of recording transactions related to diagnosis and treatment, medical, capable of preparing administrative and statistical documents, which can be archived by editing documents, edit and archive, which can improve patient acceptance and preparing patients for examination and file operations, medical and findings obtained in scientific research in various fields of medical technology compilation, layout and so offer to put at the service of researchers. fulfilling tasks efficiently qualified to train their communication and health technicians with a strong sense of responsibility. *(This course is given in Turkish)*

SHS259 İş Sağlığı ve Güvenliği (Occupational Health and Safety) (3 credits) The purpose of this course is especially in the working environment in the hospital setting to convey information about their personal protection methods. On the other hand the business environment protection methods, responsibilities to the worker's place of work, examining issues such as the interest of the safety of workers and employers expectations expectancy is among the topics. *(This course is given in Turkish)*

ODY105 İşaret Dili (Sign Language) (3 credits) The purpose of this course is impaired to communicate with each other, hand gestures and sign language that they created a visual language using facial expressions, to tell people without hearing impairment and also to teach. There is a separate sign language of each country. Turkish Sign Language, which is the oldest registered sign language in the history of the world (TID) structure, is very different from Turkish. The biggest problem in communication is hearing-impaired individuals in different grammatical structure, word and teach students methods, at a basic level to help the hearing impaired individuals in communication "sign language interpreters" train. *(This course is given in Turkish)*

TBD106 Kişilerarası İlişkiler (Interpersonal Relationships) (3 credits) The purpose of this course is to provide students, communication, barriers to communication, interpersonal communication, body language, verbal communication, persuasion techniques, intercultural communication, effectiveness in communication is to make assessment and analysis of empathy-sympathy issues. *(This course is given in Turkish)*

SKI212 Müşteri İlişkileri Yönetimi (Customer Relationship Management) (3 credits) The purpose of this course is to emergency before, during and after the environment, operations, manufacturing, property and prevent accidents or incidents that threaten human lives, reduce losses, to prepare, to intervene, making an emergency plan in the time to improve the process, will to implement these plans and programs and support, students of contingency plans to manage emergency situations and as a team member is to be familiar with emergency management. *(This course is given in Turkish)*

SHS260 Psikolojik Danışmanlık ve Rehberlik (Psychological Counseling and Guidance) (3 credits) The purpose of this course is explained the basic concepts in family counseling, a system of family, family life cycle, bowen family consultant, structural family counseling, experiential / humanitarian family consultant, systematic family consultant, cognitive behavioral family counseling to include a narrative counseling. *(This course is given in Turkish)*

SHT122 Sağlık Eğitimi (Health Education) (3 credits) The purpose of this course is to demonstrate the ability to access valid health information and health-promoting products and services; demonstrate the ability to practice health-enhancing behaviors and reduce health-related risks; analyze the influence of culture, media, technology, and other factors on health; demonstrate the ability to use interpersonal communication skills to enhance health; and demonstrate the ability to advocate for personal, family, and community health. *(This course is given in Turkish)*

SKI207 Sağlık Hizmetlerinde Lojistik (Logistics in Health Services) (3 credits) The purpose of this course is to provide in the basic concepts required for modern logistics management approaches and Strategies needed in managing today's health, to gain knowledge and skills . Effective production of health services , in order to maintain efficient and uninterrupted right input at the right time , in the right quantity, at the right conditions and be involved in the process to is ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SKI203 Sağlık Hizmetlerinde Pazarlama (Marketing In Health Services) (3 credits) The purpose of this course is to ; The Advantages of marketing activities in health Institutions ; In the classic marketing mix elements as well as in health-care personnel of the extended marketing mix, Implementing , Evaluating and controlling ; health care purchasing behavior of buyers and decision-making Processes ; Factors affecting the satisfaction of the consumers , the marketing strategy for corporate image transmission development for health services is to inform about the basic Principles for the development. *(This course is given in Turkish)*

SKI205 Sağlık İletişimi (Health Communication) (3 credits) The purpose of this course is to effective communication is necessary in order to avoid possible conflicts in health care to evaluate the method. *(This course is given in Turkish)*

SKI102 Sağlık Kurumları Yönetimi (Health Institutions Management) (3 credits) The purpose of this course is to Health Care Management provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications. *(This course is given in Turkish)*

SKI106 Sağlık Sigortacılığı (Health Insurance) (3 credits) The purpose of this course is to knowledge of insurance practices and risk factors, to be informed about the payment system, the role of private insurance in the social security system and understand the importance. *(This course is given in Turkish)*

SKI110 Sağlıkta Kalite Yönetimi (Quality Management in Health) (3 credits) The purpose of this course is to basic concepts required for modern logistics management approaches and strategies needed in managing today's health, to gain knowledge and skills. Effective production of health services, in order to maintain efficient and uninterrupted right input at the right time, in the right quantity, at the right conditions and be involved in the process to ensure the best cost concept, logistics managers with the knowledge and skills to train. *(This course is given in Turkish)*

SHS261 Sosyal Hizmetler (Social Services) (3 credits) The purpose of this course is to definition of social services, methods, theories, disadvantaged groups, social history, children, family, group, community, non-governmental organizations to analyze the concept of debate. *(This course is given in Turkish)*

SKI209 Stres Yönetimi (Stress Management) (3 credits) *(See General Education)*

SHT107 Temel Fizik (Basic Physics) (3 credits) The purpose of this course is to provide a thorough introduction to classical physics .Develop scientific reasoning, critical thinking and logical argumentation skills. Develop the ability to adapt to new situations arising from the changing nature of science and technology. Acquire an understanding of the nature of physics as it relates to the other sciences and the various technical fields. At the end of the lesson, the student will acquire the basic knowledge of the Newtonian mechanics, with its basilar applications. She/he will also acquire basic knowledge of the thermodynamics equilibrium processes, of restricted relativity (including the relativistic reformulation of Newtonian cinematic and dynamic). Particularly, the student will be able to utilize the general concepts and laws of classical mechanic. *(This course is given in Turkish)*

SISL102 Temel İşletme (Basic Business Administration) (3 credits) The purpose of this course is to be establishment of business students, the basic concepts of business management and continuity and to assist in working life, to gain competencies in the application. *(This course is given in Turkish)*

SKI101 Yönetim ve Organizasyon (Management and Organization) (3 credits) The purpose of this course is realized that management considerations relating to the management company under the discipline occurred in the last century, the theory discussions, current critics and new approaches is the content of the course. The goal of management trainees to acquire knowledge related to intellectual evolution of management is to improve discipline and foresight. *(This course is given in Turkish)*

SHT212 Tıbbi İngilizce I (Medical English I) (3 Credits) (See General Education)

SHT213 Tıbbi İngilizce II (Medical English II) (3 Credits) (See General Education)

SGSA103 Tıp Fotoğrafçılığı (Medical Photograpy) (3 credits) (See General Education)

SGSA105 Tıp Ressamlığı (Medical Painting) (3 credits) (See General Education)

SGSA107 Sağlık ve Tiyatro (Health and Theater) (3 credits) (See General Education)

SGSA109 Sağlık Kültürü (Health Culture) (3 credits) (See General Education)

SGSA111 Sağlık ve Sanat (Health and Art) (3 credits) (See General Education)

SGSA113 Sağlık ve Mimarlık (Health and Architecture) (3 credits) (See General Education)

SGSA115 Sağlık ve Sinema (Health and Cinema) (3 credits) (See General Education)

STUDENT SERVICES

The Office of the Dean of Students at Okan University is established with the aim of supporting the students' social, cultural and sports activities as well as solving their academic problems, contributing to the students' self-improvement by coordinating relevant academic and administrative units.

The Office helps to solve the students' main problems such as those concerning accommodation, dining, transportation; to contribute to the student unions' cultural, artistic and sports activities; and to maximize student involvement in campus activities.

STUDENT ACTIVITIES UNIT

The Student Activities Unit organizes many events for students during the academic year, such as the academic opening ceremony, Orientation Days, Okan Fest, student parties, writers-singers meetings, and the graduation ceremony.



• About Student Clubs

Okan University maintains the belief that the education should provide a learning environment that supports professional, cultural, artistic, and sportive activities where all students are encouraged to be actively involved. Students who share similar interests are also encouraged to establish clubs where they can pursue their shared field of activity. There are several Student Clubs at Okan University:

1-2-3 Medicine Club
Administration Club
Anatolian Culture Club
Anatolian Youth Club
Architecture Club
Atatürk's Thought Club
Aviation Club
Child Development Club
Child Rights Club
Cinema Club
Civil Engineering Club
Community Volunteers Club
Computer Engineering Club
Dance Club
Dentist Club
Designing Club
E- sport Club
Finance Club
Folk Dances Club
Food Engineering Club
Futurizm Club
Gastronomy Club
Gender Club
Gold Crescent Club
Healthy Life Club
Human Rights Club
IEEE Club
Information and Social Media Club

International Relations Club
Management and Searching Club
Landscape Architecture Club
Law Club
Logistic Club
Motor Sports Club
Music Club
Nature Club
Nutrition and Dietetics club
Okan BJK Club
Okan Fenerbahce Club
Okan Galatasaray Club
Okan Social Club
Okan Trabzonspor Club
Original Thinking and Awareness Club
Poem Club
Psychological Counseling Club
Psychology Club
Public Relations and Advertisement Club
Pyhsical Therapy and Rehabilitation Club
Red Crescent Club
Rock Club
Sociology and Philosophy Club
Strategic Searching Club
Theater Club
Turkish Club
Unimpeded Life Club
Youth Green Crescent Club



STUDENT SERVICES

- **Accommodation**



Okan University offers accommodation for 1500 students in five fully equipped Residence Halls on its main campus. Students can choose to stay in single, double or four-person rooms. The dormitories have study halls, TV rooms and a medical center. Restaurants and cafeterias serve breakfast, lunch, and dinner. Laundry and cleaning services are also provided.

Students who wish to make an application to the dorm must bring following documents:

Residence certificate, copy of birth certificate, one photo, health report (including Hepatit A-B-C and Anti HAVIgm, HbsAg, Anti-Hbs, Anti-Hbc tests).



- **Transportation**

In Istanbul, students are entitled to use all public transport (buses, trams, metro and ferries) at a reduced price with Istanbul Card. The cards are issued by the IETT (Public Transport Company) Also Okan University offers ring services (shuttles) for the students from various places and hours.

- **Dining**

Okan University has high-quality and healthy dining services. There are four dining halls on campus which serve three meals a day. There are five student' canteens on campus which provide hot meals, fast food, hot and cold drinks and snacks. Okan University has various cafes where students can get together with their friends while having their food. There is also a wide selection of restaurants on campus serving a variety of foods.



• Okan Psychological Counseling and Education Center (OPDEM)

The Dean of Students works in coordination with OPDEM. Psychological counselors at OPDEM provide individual advising to students to help them deal with any academic, emotional or social problems they may experience. Individual advising sessions are free of charge and strictly confidential. OPDEM also organizes seminars and prepares educational materials for the personal development of students, such as improving communication skills, managing time effectively and dealing with stress.

• Health Services

We endeavor to provide high-quality care and improve the health and safety of our students. Okan University has 24-hour doctor, nurse and ambulance services on campus. The university infirmary has got all the basic facilities for routine medical diagnosis and treatment for minor health problems.

• Online Services

A. STUDENT INFORMATION SYSTEM (OIS – ois.okan.edu.tr)

The Student Information System (SIS) is an online tool that manages the information related to Okan University Students. Only authorized staff can use SIS to view, update, and report on student records. The system is also connected with other university information systems, and provides necessary information to other software at the university. Students can log into the Student Information System at ois.okan.edu.tr by using their email username and passwords and carry out the following transactions:

- Official Document Request
- View Transcript Online
- View Other Academic Information
- Choose Courses for Each Semester
- View the Information of Academic Advisor
- Send Message to the Academic Advisor
- View Information of Curriculum
- View Schedule of Classes
- View Grades within the Period
- Calculation of Transcript Grades
- View Class Attendance Records
- View/Update Personal Information



B. OKAN LINK BOARD (OLB)

OLB is an online teaching management system through which lecturers and students communicate and interact with each other. Lecturers can post their syllabi, presentation files, reading material, homework, etc., and use OLB as a virtual classroom to discuss with students either individually or collectively.

They can also send group emails, announcements, keep student files, register course related activities on the calendar and follow students work progress.

Students will have access only to the courses they are registered for. (Registration to OLB is done automatically by the Student Affairs Office or by the lecturer of the course).

Students can access to OLB from any environment that has an internet connection. Access to the system is only possible with a personal user name and password.

- **Library**

1-Book Loans

Okan University students, academic and administrative staffs are allowed to borrow books from the library. The ones who do not hold the university card cannot use this service.

Reference books, periodicals, unpublished theses, rare literary works, reserved and course books are not to be borrowed.

Library users failing to return the books on time may not borrow books and/or publications.

Loan Period: All users, without exception, are expected to return the books within 15 days. Users may borrow only one book per 15 days.

Inter-Library Loans of Books

The books and/or publications which are not in stock in our own library will be provided from other universities, within the framework of the conditions determined by the Library Consortium and are available for the use of academic staff.

2- Working Hours

Weekdays: 08:00 – 24:00

Saturdays: 11:00– 19:00

Sundays: 11:00– 19:00

Weekdays (during summer /holidays): 08:30 – 17:30

3- Internet Accessibility

Okan University enables its library users to make use of 50 computers for internet access to reach the data they are looking for. Additionally, users have the opportunity to access the free wi-fi network from any part of the library. All online students have Access to the University's e-library (<http://www.okan-elibrary.com/>)

• **Career Center**

Okan University **Career Center** aims to guide students in gaining self-awareness; to help their career planning; to provide information on business expectations and orient students to jobs which are suitable for their aspirations and studies. To this aim, Career Center, assists students during their studies and monitors and maintains relations with graduate students.

Career Center, through the “Business Life Program” also provides students with internship or part-time job possibilities in companies and business partners, with which cooperation protocols have been signed. Business Life Program enables students improve their self-awareness, make better career choices and get familiar with corporate culture.

Business Life Program is compulsory for all students and has four components: Business Life Course, Preparation for Graduation, Voluntary work or Internship, and Happy Life Courses. Students attending this program, at the end of the fourth year, will be able to measure their weaknesses and strengths; define perspectives about their vocation, competencies and career options; define their personal vision and concept; become familiar with concepts such as motivation, performance and pro-active attitudes. Students will also be able to write an effective CV and have improved interview skills.

Part-time Job Placements or Internships

All students may apply for this program starting from the freshman year. Applications are made to the Career Center personally. Career Center advisors give individual information regarding the program and orient the students in their choices in accordance with their competencies and aptitudes. The matching between the positions available and students is done by the Career Center.

CO-OP: Workplace Supported Education Program

Career Center also cooperates with faculties in “Workplace Supported Education Program (CO- OP). CO-OP is a voluntary program and is currently open to undergraduate students of the Faculties of Engineering and Economics and Administrative Sciences and to the students of Gastronomy department.. The applications are addressed to the Faculty/School coordinator of the CO-OP program and are evaluated and processed by the Faculty boards. Students are awarded with a certificate, issued by their department, upon successful completion of their CO-OP programs.

CO-OP’s goals;

- Familiarize students with workplaces related to their undergraduate programs,
- Enable students to reinforce their knowledge and experience in the field of their studies through practice.
- Improve students’ skills for applying theoretical knowledge into work environment.
- CO-OP program provides the students with the possibility of learning professional responsibilities, relations, organization and production processes and using new technologies at their workplace.

CO-OP’s duration and achievement criteria:

Faculty of Engineering;

Students should complete their CO-OP program in three semesters with an obligation of 40 working days per semester and 120 working days in total.

Faculty of Economics and Administrative Sciences and Gastronomy Department;

Students can attend the CO-OP program at the eighth semester of their studies. Minimum duration is 14 weeks. Upon successful completion of the programs students are delivered certificates issued by their departments.

SPORTS DEPARTMENT



Sports is one of the most important activities in Okan University. The Sports Department plans, organizes and supervises sporting events. It organizes several activities throughout the academic year such as: sports festival, sports competitions between faculties, Okan University streetball tournament.

Students are encouraged to participate in different sports teams representing the University such as basketball, football, volleyball, futsal, canoeing, judo, water polo, swimming, korfbal, American football, chess, and beach volleyball.

Students can compete internally and externally. They can represent themselves and the University in the National and also International University Leagues.



SPORTS CENTER & SPA

Okan University hosts many sports activities on its indoor and outdoor sports facilities. Our fitness center offers a full line of cardiovascular training equipment including treadmills, stationary bicycles, rowers, arc trainers as well as strength and weight training equipment and functional trainers. Sports center provides personal training service as well.

Sports center also have spinning, aerobic studios where a wide range of group fitness classes are held. And sports center has got a 25 m indoor swimming pool. As an outdoor facility, students can use tennis courts and football pitch. Sports center has got SPA services as well. Students can enjoy sauna, steam room and massage services.



HAPPY LIFE

Happy Life courses are conducted by the Office of the Dean of Students. The lessons are organized to improve students' sporting, artistic and socio-cultural capabilities.

Students participate in the Happy Life courses according to areas of their interest such as football, basketball, volleyball, swimming, Latin dances, folk dances, music, theatre, art.

Students must attend at least two Happy Life classes until their 6th term and are required to complete them successfully. There is not any written exam required for the Happy Life courses. Students must maintain an attendance of 80 % and actively participate in class to complete the course successfully.



REGISTRATION

Students, who are entitled to register to a program at Okan University, must complete their registration procedures, either in person or by their official representative, within the deadlines set by the OSYM. The registration documents for ability-to-benefit students are determined by OSYM and the Senate of Okan University.

Only originals or certified copies of documents are accepted for registration. Student's statement deemed sufficient pertaining to information on residence, legal clearance and military obligation. Registration of students who do not submit all required documents, who have presented false or fraudulent documents and information is immediately cancelled.

Course Registration:

Credit and workload:

The credit of a course is calculated by adding weekly number of theoretical course hours to the half of the number of applied work hours (laboratory, field and etc.). For yearly courses, the credit is multiplied by two.

Work load is the total of all the credits that a student takes in one semester. The workload of bachelor students is equal to the semester workload stipulated for the program that they are enrolled in.

Students are permitted to take at the most two more courses in addition to their semester workload.

Prerequisite course:

The prerequisite of a course is the course that has to be taken before continuing with the second course. Students cannot register to the courses that they have not succeeded the prerequisite course.

Add/Drop period:

Students may make changes to their courses that they have registered for within the deadlines stated in the academic calendar.

Withdrawal from a course:

Students may withdraw from a course within the first seven weeks of the semester, upon the approval of their academic advisor and decision of the faculty board. Rules are as follows:

- a) Bachelor students may withdraw from maximum four courses during their studies. In the first year, withdrawing is not permitted.
- b) Students can not withdraw from the course if they are only registered to one course.

CANCELLATION of REGISTRATION (WITHDRAWAL from the UNIVERSITY)

The registration of a student is cancelled under following circumstances:

- a) If a student files in a petition for an official withdrawal
- b) If a student is dismissed for breach of regulations
- c) If a student does not complete his/her financial and/or academic registration consecutively for four years
- d) When a student registers in another university as a transfer student and student requests the cancellation by presenting an official confirmation of the other university
- e) If a student, who is registered to a program with compulsory language preparation year, fails his courses for two consecutive years and if there is no option for transfer to a Turkish medium program

INTERRUPTION of REGISTRATION

A student may ask for an interruption of his/her registration for one or two semesters. The interruption of registration is permitted with the approval of the relevant executive board and providing that one of the reasons below is applicable to his/her request:

- a) student has a health condition which is certified by health institutions
- b) student proves that his/her regular residence is in a “natural disaster area” by submitting a document from the highest administrative authority of his/her residence.
- c) If a next-of-kin has a serious health condition and that there is no other person to care for the patient
- d) If his deferment from military service is cancelled and he is taken for military service
- e) If student is put under custody or arrested
- f) For all other reasons accepted by the relevant executive board.

Unless there is an emergency, interruption of registration can be demanded until the end of the seventh week of the corresponding semester. The total duration of interruption cannot exceed two years. Maximum duration for consecutive interruption cannot exceed two semesters. Interruption period is not included into total study period. The permitted durations can be extended with the decision of the university executive board.

Student, who is permitted to interrupt their registration for the above mentioned reasons and by the approval of the University Executive Board, has to pay half of the tuition fees for the period of interruption.

Student, who interrupts his/her registration for his main Major, is also considered as interrupted for his other majors and minors.

Termination of Interruption

At the end of the interruption period, students continue their education as before.

Students who have interrupted their registration for health conditions should provide the university with a certificate from a health institution, confirming their aptitude for continuing their studies.

Students should apply for the termination of interruption until the end of the Add/Drop week of the semester concerned.

Financial Registration

Each student, including full scholarship students, must proceed with their financial registration after completing his/her preliminary academic registration at the Students Affairs Office,

1. Students with a full scholarship should also complete their financial registration in order to confirm the scholarship and the terms of the scholarship.
2. Students who have to pay tuition fees must either pay the annual tuition fee in advance or agree on an installment plan with the Finance Office. Tuition fees and installment plans are determined and announced by the Finance Office before the registration periods.
3. Bank or credit card payments are accepted.

Payment by Installments:

- All students must pay 25% of the tuition fee in advance.
 - For the remaining amount, an installment plan must be agreed between the student or his/her legal representative or sponsor and the Finance Office.
 - Each installment plan must be submitted to bank approval.
 - Installment amounts are paid through bank accounts.
4. Finance Office, informs the Students Affairs Office, when the tuition fee is paid or an installment plan is duly approved and signed.
 5. Students Affairs Office completes student's registration upon the approval of the Financial Office.
 6. Each student must renew their financial registration at the beginning of the academic year..
 7. Every year, tuition fees are announced in March for the following academic year.
 8. The Financial Registration should be completed by the end of August.

REFUND:

Once the tuition fees are paid, there is no refund possible.

Tuition fee is paid annually. When the payments are made and/or installment agreements are signed, financial registration will be finished. Any kind of refund is not allowed when the financial registration is completed.

Students registered in a program requiring a special skills test will be reimbursed 50% of their tuition and fees if there are centrally placed as well in a program at another university.

GRADING

KEY TO TRANSCRIPT

Okan University letter grades and their corresponding values must read as in the following:

Letter Grade	Grade Points
AA	4.00
BA	3.50
BB	3.00
CB	2.50
CC	2.00
DC	1.50
DD	1.00
*FD	0.50
FF	0.00
VF	0.00
*D	0.00

Grades Not Factored into GPA	Temporary Grades
Y - Fail	E - Incomplete
B - Pass	
M - Exempt	

* **(D)** This grade is given to students who fail to earn the right to participate in exams due to an excessive number of absences or the failure to meet other conditions mandatory to the course. The letter grade of (FF) is factored into the grade average of students who receive this grade.

(VF) This grade is given to students who fail to earn the right to participate in exams due to an excessive number of absences or failure to meet other conditions mandatory to the course. The letter grade of (FF) is factored into the grade average of students who receive this grade

(B) This grade is given to students who successfully complete the courses for which grades are not factored into the final grade.

(Y) This grade is given to students who fail to successfully complete the courses for which grades are not factored into the final grade.

(E) This grade is given to otherwise successful students who fail to meet some certain course requirements. Students who receive an (I) must fulfill the remaining requirements within one month after the course instructor has turned in the grades. Otherwise, the grade of (I) will automatically become (FF).

(M) This grade is given for courses from which the student is exempt because he/she has already taken an equivalent accredited course at a different university; equivalency being subject to approval by the university board of directors.

(R) Repeated course

(T) Transfer course. (Transfer courses are factored into the grade point average.)

(ÖD) Courses taken as part of a student exchange program.

(ERA) Courses taken as part of the Erasmus program.

(SPA) The semester point average is calculated by multiplying the total credit hours for enrolled lessons in each semester with the relevant grade coefficients, and then dividing the total thus obtained by the total number of credit hours for the semester.

(GPA) The grade point average is calculated by multiplying the total number of credit hours with the grade coefficients for all the courses the student enrolled in—from the first semester of the freshman year to the final semester of the senior year—and then dividing the total thus obtained by the total number of credit hours.

* FD and D grades are not applied in reference to the regulations on vocational and undergraduate education and assessment policy of the university published in the Official Gazette on Nov. 23, 2012.

Definition of a Unit of Credit

An academic credit is the unit of measurement for the academic load of a course. It is equivalent to 15 hours of lecture or 30 hours of practice. Each hour of class is 50 minutes. Once the student receives a satisfactory grade for the course, credits are granted.

Overload

Students are allowed to take 2 extra courses per semester. Senior students (students completing 60% of the total required credits for the enrolled program is considered a senior student), and the students enrolled in a Double Major Diploma program may take additional courses, if approved by the faculty executive committee.

ATTENDANCE

Students are liable to attend every course, practical and laboratory work of the program they are enrolled at and take the exams and participate in academic work required for achieving the course. Students who do not attend a minimum 70% of the theoretical courses and 80% of the practical courses will be considered as absent for the related course. Students who do not meet the mandatory minimum requirement of attendance will fail the course. Students who fail a course for not fulfilling minimum attendance requirement are obliged to meet the attendance requirement when they re-take the course.

GRADUATION REQUIREMENTS

Students must successfully complete all courses and other programme requirements, and have a minimum GPA score of 2.00 out of 4.00.

Bachelor degree students who have completed all courses and other program requirements and have a minimum of 3.50 GPA score at the end of the seventh semester are entitled for early graduation.

DEGREE HONORS and DISTINCTIONS

Students who have a graduation GPA of 3.00-3.49 are awarded Honors Degree and those who have a 3.50 GPA score are awarded by High Honors Degree.

SATISFACTORY ACADEMIC PROGRESS

The Satisfactory Academic Progress (SAP) policy fulfills the requirements expressed by the Accrediting Council for Independent Colleges and Schools (ACICS). Students must maintain a satisfactory level of academic progress toward completing a degree in order to remain enrolled at the University.

SAP serves for two main purposes:

- a. Course success rate
- b. Program success rate

SAP is evaluated based on quantitative and qualitative components. All students are measured against qualitative and quantitative standards. The Student Affairs Office generates and monitors respective SAP reports. After grades are posted, student cumulative grade point average (GPA) per semester and Rate of Progression are calculated to determine if a student is making Satisfactory Academic Progress.

Qualitative Measurement

Qualitative measurement is determined by a student's grade point average (GPA). The students have to get a minimum grade of Pass or DD or better. The baseline rate is 1.75 out of 4.0 scale. Those students that fall behind 1.75 GPA and/or CGPA are monitored and an SAP status of warning notification is displayed via the student affairs software.

Quantitative Measurement

The following criteria are quantitative minimum standards of satisfactory academic progress by the University or the Higher Education Council:

- a. Students are obliged to complete two-year associate degree program in maximum four years, four-year undergraduate program in maximum seven years and five-year undergraduate program in maximum eight years and six-year undergraduate programs in maximum nine years regardless of enrolling for every term as starting from the term of classes of program they enrol except one-year foreign language preparation class. Term of preparation class is maximum two years. The students are not dismissed due to not paying tuition within maximum periods and not reregistering. However, students may be dismissed if tuition is not paid for four years successively and not registered with the resolution of authorized boards of the university and board of higher education.
- b. Course load is the total credit of a student's credit that he or she has taken in any semester. Associate degree and degree students' normal course loads that they are registered in fall and spring semesters are the relevant semester's course load. The maximum amount of course credits allowed within a semester is 2 courses.
- c. The student has to primarily take the courses he or she has failed with FF, VF. Students who haven't failed from previous semesters and with a GPA 3.00 and above can take one course from upper semester.
- d. The main requirements for graduation from a program are; to ensure a CGPA of 2.00 out of 4.0 by each student upon graduation and also to successfully complete total credit hours of the program while some programs may also require extra graduation requirements i.e. internship, etc.
- e. Grade improvement result is to be the final grade in the academic records.
- f. If the students cannot get a GPA of 2.00 even though they pass the grade enhancement exam, they are allowed to take any grade enhancement exam they want again in a period of month following the next resit exams. For undergraduate students, a GPA of 2.00 is equivalent to a range of 43-53 with respect to a scale of 0-100. For graduate students, a GPA of 2.00 is equivalent to a range of 70-74 with respect to a scale of 0-100.
- g. Students who cannot get enough cumulative grade point for the graduation after the single course exam can register to one or more courses in the proceeding term/year.
- h. Rate of Progression (ROP): All students must pass at least 67% of all attempted credit hours with a grade of Pass or DD or better. Attempted credit hours will include all campuses and continuing education and transfer hours accepted by any other college or university.

ACADEMIC SAP POLICY

Academic SAP reports are generated at the end of each term for each student. The CGPA and ROP must be at or exceed the benchmark associated with the evaluation interval. Evaluation intervals are based on the total attempted credits. Attempted credits include transfer credits, credits by exam, previous experience credit, and failed courses. The CGPA includes failed courses and the ROP calculation includes transfer credits, credits by exam, previous experience credit, and failed courses.

If a student does not meet the CGPA and/or ROP benchmarks at the end of the term, the student is placed on a SAP status in the subsequent term.

ATTENDANCE AND TARDINESS POLICY

Attendance Policy:

Students are liable to attend every course, practical and laboratory work of the program they are enrolled and to take the exams and participate in academic work required for achieving the course. Student attendance to all courses is compulsory. Students who do not attend a minimum 70% of the theoretical courses and 80% of the practical courses will be considered as absent for the related courses. Students who do not meet the mandatory minimum requirement of attendance will fail the course. Students who fail a course for not fulfilling minimum attendance requirement are obliged to meet the attendance requirement when they re-take the course.

Tardiness Policy:

Students are permitted to arrive to the class in the first 15 minutes after the scheduled start of the course; extension of tardiness time is in instructor's discretion.

DISTANCE EDUCATION

Okan University is a leading university in supporting diversity in education. Okan University Distance Education Center (UZEM) was established in 2009. Through the use of advanced technologies, our center aims to provide ubiquitous education activities by which students have the chance to obtain Associate's, Bachelor's and Master's degrees. We continue to expand our education services through diversifying and increasing our innovative service quality.

Our center currently supports the following programs and courses:

Vocational Programs	School	Graduate Programs	Undergraduate Courses
<ul style="list-style-type: none"> Occupational Health and Safety Local Governments 		<ul style="list-style-type: none"> Executive MBA Accounting and Auditing Banking Real Estate Finance and Valuation Logistics Management 	<ul style="list-style-type: none"> Ataturk's Principles and History of Revolution I (Required Courses) Ataturk's Principles and History of Revolution II (Required Courses)

Online education at Okan University refers to learning through courses that deliver 100 % of instruction fully online and require a mandatory visit to the campus just for final exams holding in each semester. Interaction mode is synchronous. All students join the instructor for online class meetings at a set time from different locations and courses are delivered through teleconferencing tool called ALMS (Advancity Learning Management System). In case of any problem, the instructor shares recordings of the online meetings with the students for future viewing. In addition to this, if a student has a software programme allowing using microphone and camera, he or she can attend the course interactively. Otherwise, the student can attend the course just as an observer but can use the chatting application. Courses will be recorded automatically.

Our distance education courses are delivered in a variety of formats. Distance learning master programs have a specific start and end date in fall, spring and summer terms. Distance learning vocational school programs have a given start and end date in fall and spring terms.

In our programs, the instructors give lecture through video conferencing system where they can upload presentations and can communicate with students by using the camera and microphone devices. Video conferencing is a technology that enables students at Okan University Distance Education Academic Learning System website (<http://eders.okan.edu.tr>) to see, hear and write each other and their instructors in real time at virtual classroom. Therefore, the system should support multiple cameras, microphone connections and multiple sessions simultaneously.

Students can ask questions on discussion boards and can send message to their instructors through internal messaging system accessed through ALMS. ALMS allows students and instructors to share announcements, create and conduct surveys, upload academic calendar and work in every web browser.

For the exams, the student should appear on the scheduled date and time. In this regard, they need to visit the URL <http://eders.okan.edu.tr> and log in with their user name and password. After the system verifies the username and password, all applicable exam subject names are displayed on “Main Page” menu and the student can start the exam by clicking on the exam subject name. The online exam will be available only on scheduled day and time. The student can finish the test on time. When time is up, the test will be submitted and closed automatically. All midterm examinations will be on a randomized question cycle. If our students experience technical difficulties during an online exam, technical support is given online through e-mail (master.uzem@okan.edu.tr for master students; myo.uzem@okan.edu.tr and lisans.uzem@okan.edu.tr for undergraduate students). If due to any reason, the computer shuts down or the exam window gets closed, the students can re-login and click on the exam subject and can continue with the exams.

Online exams are time logged. The students are responsible for monitoring his or her time. Instructors will know exactly how much time students spend taking the exam and if they stay within their time allowance.

Minimum Hardware requirements:

- Broadband connection of ≥ 3 Mbps download, 20 GB quota per month.
- A laptop or desktop computer is required.

Minimum Software requirements:

- Windows or Macintosh operating system

- Adobe Flash Player (newest version)

Available at <http://get.adobe.com/flashplayer/>

- Web browser (Mozilla, Internet Explorer, Google Chrome...) and Java (newest version)

Available at <https://java.com/tr/download/>

For mobile devices, Android 3 or newer operating system.

Monitoring of Examinations

All online students will be required to submit a notarized photocopy of identification (driver’s license, etc.) at the beginning of in-class final examinations.

Support services

- technical assistance
- e-mail groups
- forums
- help desk monitor

SCHOLARSHIPS

University Entrance Scholarships: Students placed in Scholarship Programs at Okan University by OSYM (Student Selection and Placement Center) according to their scores in the entrance examination are exempt from tuition fee. These scholarships are non-refundable and valid for 3 years in two-year associate degree programs, for 5 years in four-year undergraduate programs, for 6 years in five-year undergraduate programs, and for 7 years in six-year undergraduate programs.

Board of Trustees Honors Scholarship: This merit-based additional scholarship is given to students who are placed in %100 Scholarship Programs at Okan University. Students placed in top 1000 (for language scores-based programs, top 100), in the nation-wide entrance exam, are provided with a monthly cash stipend for academic year (8 months), + Free room and board.

Success Scholarships: Except for Preparatory Year students, tuition fee discounts at the rate of %10 to %40 in tuition fee are given to students in associate and undergraduate program who have completed their first two-years with grade point averages of 3.60 and above on a 4.0 point scale.

Preference Scholarships: Except for some programs stated in OSYM Preference Guide, following preference scholarships are granted to students who register in our paid programs as their first, second or third choice in the university preference form.

1. %50 tuition fee discount for first choice

2. %40 tuition fee discount for second choice

3. %30 tuition fee discount for third choice

Athletic Scholarships: In the branch of sports determined by the Board of Trustees, 3 %100 scholarships and 4 %50 scholarships are given to national team members. Candidate students are required to submit document in writing that they are national athlete in last two years from their perspective federations. Monthly cash stipends are given for those who have been champion in national, international and inter-collegiate competitions for academic years (8 months) from beginning of the following academic year.

Disability Scholarships: Full scholarships are given to 3 disabled students placed in one of our university programs.

Other: Okan University awards additional tuition waivers at the rate of 10% to spouses and children of martyrs, veterans and educators.

TRANSFER STUDENTS:

I- Inter-Institutional Transfers:

Inter-Institutional transfers can be made between the programs of the same diploma level and on the basis of the rules and quotas determined by the Turkish Higher Education Council.

Students applying for an Inter-Institutional Transfer should either have a cumulative GPA of minimum 60 out of 100, or have obtained a Central Higher Education Placement Exam (ÖSYM) score which is equal or higher the score necessary for the program they are applying for.

The quotas, application and evaluation calendar of inter-institutional transfers are announced on the THEC website.

Students applying for a partially or totally English medium program should either take the English proficiency exam and obtain the required score, or should present a national or international exam result with the required score.

II- Transfers from Foreign Universities

Students of foreign universities applying for a transfer should also comply with the above mentioned, inter-institutional transfer regulations. Students, who have a valid Central Higher Education Placement Exam result, can apply for transfer and are exempt from the minimum GPA requirement for application. These students are not considered within the foreign student transfer quotas.

III- Transfer between programs or faculties or schools

The rules and regulations monitoring the transfers between programs or between faculties, schools, conservatories or vocational schools are determined by the relevant executive bodies. The transfer quotas that are decided by the relevant executive bodies may not exceed the 15% of the quotas published in the OSYM student guide book.

The OSYM Exam score of students who want to transfer to programs requiring a different kind of OSYM Exam category must have either an equal or a higher score than the minimum score required by any Turkish HEI.

Tuition and Fees

Okan University's tuition and fees differs from program to program. Detailed fee schedule for each faculty and program is as follows:

2015-2016 TUITION FEES (ANNUAL)		
Faculty/School	Program	ANNUAL TUITION FEE (VAT EXCLUDED)
Humanity and Social Sciences	Psychology	34.300 TL
	Other programs	31.800 TL
Economics and Administrative Sciences	All programs	31.800 TL
Engineering and Architecture	All programs	34.300 TL
Law	All programs	34.300 TL
Education	All programs	21.800 TL
Medicine	All programs	48.900 TL
Dentistry	All programs	45.750 TL
Fine Arts	All Programs	31.800 TL
Conservatory	All programs	25.000 TL
Applied Sciences	Pilotage	57.250 TL
	Sports Management	26.900 TL
	Other Programs	31.800 TL
Health Sciences	Nursing	26.900 TL
	Child Development	26.900 TL
	Other programs	31.800 TL
Vocational School	Foreign Trade (English)	16.850 TL
	Civil Aviation Management (English)	16.850 TL
	Civil Aviation Cabin Services (English)	16.850 TL
	Occupational Health and Safety (on-line)	7.300 TL
	Provincial Governments (on-line)	4.500 TL
	Other programs	15.800 TL
Health Services Vocational School	All programs	17.000 TL

ACCOMODATION FEES

Yearly dormitory fees include 2 meals a day (breakfast and dinner) and the use of fitness center.

DORMITORIES	ANNUAL FEE (VAT EXCLUDED) PER PERSON
ROOMS FOR 4 PERSONS	6.500 TL
ROOMS FOR 2 PERSONS	11.800 TL
ROOMS FOR 1 PERSON	20.000 TL

Erasmus Agreement

No	Country	Name of The University
1	Poland	Academy of Fine Arts in Warsaw
2	Poland	Adam Mickiewicz University
3	Greece	Agricultural University of Athens
4	Poland	Akademia Wychowania Fizycznego
5	Bulgaria	Angel Kanchev University of Ruse
6	Greece	Aristotle University of Thessaloniki
7	Germany	AUSBURG UNI OF APPLIED SCIENCE
8	Germany	Baden-Württemberg Cooperative State University
9	Poland	Bielsko-Biała School of Finances of Law
10	Hungary	Budapest Business School
11	Hungary	BUDAPEST COLLEGE OF COMMUNICATION AND BUSINESS
12	Hungary	Budapest University of Technology and Economics
13	Bulgaria	Bulgarian Academy of Sciences
14	Germany	BUNDESWEHR UNIVERSITY
15	Portugal	Catholic University of Portugal
16	Czech Republic	Charles University in Prague
17	Czech Republic	Czech University of Life Sciences Prague
18	Finland	Diaconia University of Applied Sciences
19	Poland	Dolnoslaska Szkoła Wyższa
20	France	Ecole Nationale Supérieure d'Art de Nancy
21	France	ESAM DESIGN (ÉCOLE SUPÉRIEURE DES ARTS MODERNES)
22	Portugal	ESCOLA SUPERIOR DE ARTES E DESIGN
23	Germany	Europa-Universität Viadrina
24	Lithuania	European Humanities University
25	Bulgaria	European Polytechnical University
26	Italy	European University Institute
27	Germany	Cologne University of Applied Sciences
28	Germany	Frankfurt School of Finance and Management
29	Poland	Gdansk University of Physical Education and Sport
30	Poland	Gdansk University of Technology
31	Germany	Goethe- Universität
32	Germany	Gottfried Wilhelm Leibniz Universität Hannover
33	Belgium	Haute Ecole de la Province de Liege
34	Belgium	Haute Ecole de Namur-Liege-Luxembourg
35	Germany	Hochschule Offenburg
36	Netherlands	Hogeschool Zuyd
37	Portugal	INSTITUTO POLITECNICO DO PORTO
38	Portugal	Instituto Superior De Comunicação Empresarial LISBOA
39	Lithuania	International School of Law and Business
40	Greece	Ionian University
41	France	ISEE
42	Poland	Jagiellonian University
43	Finland	Jamk University of Applied Sciences
44	Germany	Johannes Gutenberg-University of Mainz
45	Austria	KARL-FRANZENS-UNIVERSITÄT GRAZ

46	Germany	Karlsruhe International University
47	Kazakhstan	Kazakh Leading Academy of Architecture and Civil Engineering
48	Hungary	Kodolanyi Janos University College
49	Poland	Kozminski University
50	Poland	Lublin University of Technology
51	France	Management School of Normandy
52	Poland	Maritime University of Szczecin
53	Czech Republic	Mendel University in Brno
54	Greece	National and Kapodistrian University of Athens
55	Greece	National Technical University of Athens
56	Poland	Opole University
57	Poland	Opole University of Technology
58	Czech Republic	Palacky University Olomouc
59	Hungary	Pazmany Peter Catholic University
60	Portugal	Politechnic Institute of Setubal
61	Poland	Poznan University of Economics
62	Poland	Radom Academy of Economics
63	Italy	Sapienza Universita di Roma
64	Netherlands	Saxion University of Applied Sciences
65	Slovakia	Slovak University of Technology in Bratislava
66	Lithuania	SMK University of Applied Social Sciences
67	Germany	SRH Hochschule Berlin
68	Bulgaria	St.Cyril and St. Methodius University of Veliko Turnovo
69	Poland	Streminski Academy of Art Lodz
70	Greece	T.E.I. PIREA
71	Estonia	TALLINN UNIVERSITY
72	Germany	Technical University of Cottbus
73	Germany	Technische Fachhochschule Georg Agricola
74	Greece	Technological Education Institute of Larissa
75	Greece	TECHNOLOGICAL EDUCATIONAL INSTITUTE (T.E.I.) OF ATHENS
76	Greece	TEI of Greece
77	Netherlands	The Hague University of Applied Sciences
78	Italy	The Second University of Naples
79	Poland	The Witelon University of Applied Sciences in Legnica
80	Belgium	Thomas More Kempen
81	Czech Republic	Tomas Bata University in Zlin
82	Hungary	Tomori Pal Föiskola
83	Romania	Transilvania University of Brasov
84	Russia	TYUMEN STATE MEDICAL ACADEMY
85	Spain	Universidad Complutense de Madrid
86	Spain	University of Basque Country
87	Spain	University of Coruna
88	Portugal	New University of Lisbon
89	Portugal	Technical University of Lisbon
90	Italy	University Carlo Cattaneo-LIUC
91	Italy	University of Teramo
92	Italy	Università degli studi SUOR ORSOLA BENINCASA
93	Spain	Universitat Rovira I Virgili
94	France	Université de Rouen
95	Italy	Universite degli Studi di Catania

96	France	Universite d'Orleans
97	France	Universite Pierre Mendes France
98	Belgium	Universiteit Antwerpen
99	Denmark	University College of Nothern Denmark
100	Romania	University of Alba Iulia
101	Poland	University of Bielsko Biala
102	England	University of Bradford
103	France	University of Cergy-Pontoise
104	Poland	University of Economics in Katowice
105	Italy	University of Florence
106	Italy	University of Foggia
107	Germany	University of Hildesheim
108	Austria	University of Innsbruck
109	Germany	University of Jena
110	Poland	University of Lodz
111	France	University of Lorraine
112	Slovenia	University of Mariboru
113	France	University of Marne-la-Vallee
114	Portugal	University of Minho
115	France	University of Nantes
116	Slovenia	University of Nova Gorica
117	France	University of Picardy Jules Verne
118	Poland	University of Rzeszow
119	Italy	University of Sassari
120	Croatia	University of Split
121	Poland	University of Szczecin
122	Finland	University of Tampere
123	Estonia	University of Tartu
124	Poland	University of Technology and Life Sciences in Bydgoszcz
125	Greece	University of Thessaly
126	Italy	University of Trieste
127	Poland	University of Wroclaw
128	Croatia	University of Zagreb
129	Spain	University of Zaragoza
130	Poland	University School of Physical Education
131	Lithuania	Vilnius College of Higher Education
132	Poland	Vincent Pol University
133	Czech Republic	VSB-Technical University of Ostrava
134	Poland	Warsaw University of Technology
135	Poland	West Pomeranian University of Technology
136	Germany	Zeppelin University

Bilateral Exchange Agreements

Country	Partner University	Programs
USA	Concordia College New York	All common departments
USA	CCSU- Central Connecticut State University	All common departments
USA	George Mason University	All common departments
USA	Murray State University	All common departments
Morocco	Ecole de Gouvernance et d'Economie de Rabat	Arabic Translation Studies and common departments
South Korea	Inha University	All common departments
South Korea	Sookmyung Women's University	All common departments
South Korea	Kookmin University	All common departments
China	Hunan Normal University	Chinese Translation Studies
Italy	Napoli 2	All common departments
Russia	Moscow State Linguistic University	Russian Translation Studies
Kazakhstan	Kazakh Humanitarian and Law University	All common departments
Kazakhstan	International Academy of Business	All common departments
New Zealand	Unitec Institute of Technology	All common departments

MoU & Academic Cooperation Agreements

Country	Partner University	Scope
Albania	Aleksander Moisiu University	Dual Degree, J. research; S & F Exchange, Other Academic Coop
Azerbaijan	Azerbaijan Technical University	Joint research; Student & Faculty Exchange, Other Academic Coop
Azerbaijan	Khazar University	Dual Degree, J. research; S & F Exchange, Other Academic Coop
China	Huadong East China Normal University	Joint research; Faculty Exchange, Articulation and Other Academic Coop
China	Beijing Foreign Studies University	Dual Degree, J. research; S & F Exchange, Other Academic Coop
China	University of International Business and Economics	Dual Degree, J. research; S & F Exchange, Other Academic Coop
Egypt	Misr University for Science and Technology	Dual Degree, J. research; S & F Exchange, Other Academic Coop
Germany	Frankfurt School of Finance&Management	Dual Degree, J. research; S & F Exchange, Other Academic Coop
Germany	Siegen University	Joint research; Student & Faculty Exchange, Other Academic Coop
Germany	Hochschule der Wirtschaft Für Management	Faculty and researcher exchange
Germany	HWTK	Dual Degree, J. research; S & F Exchange, Other Academic Coop
Indonesia	University of Surabaya	Joint research; Student & Faculty Exchange, Other Academic Coop
India	Osmania University	Dual Degree, J. research; S & F Exchange, Other Academic Coop
Italy	Roma 1 La Sapienza	Joint reseach, Faculty exchange and academic cooperation
Italy	Florence University of the Arts	Dual Degree, J. research; S & F Exchange, Other Academic Coop
Italy	Second University of Naples	Joint reseach, Faculty exchange and academic cooperation
Jordan	Islamic Education College	Joint reseach, Faculty exchange and academic cooperation
Jordan	Petra University	Dual Degree, J. research; S & F Exchange, Other Academic Coop
Kazakhstan	Gulmilyov Eurasian National University	Joint research; Student & Faculty Exchange, Other Academic Coop
Russia	Pushkin State Russian Language Institute	Exchange, Russian Language Certification Center
Russia	Omsk State Pedagogical University	Joint research; Student & Faculty Exchange, Other Academic Coop
South Korea	Kookmin University	Dual Degree, J. research; S & F Exchange, Other Academic Coop
South Korea	Sookmyung Women's University	Dual Degree, J. research; S & F Exchange, Other Academic Coop
Spain	Cesine University College	Dual Degree
Spain	Universidade da Coruna	Dual Degree, J. research; S & F Exchange, Other Academic Coop
Switzerland	Geneva Business School	Joint research; Student & Faculty Exchange, Other Academic Coop
Syria	Damascus University	Joint research and various academic cooperations
USA	State University of New York Empire College	Student& Faculty Exchange; Dual Degree in E-MBA

USA	University of Kentucky	Joint Research Activities, Student&Faculty Exchange
USA	Concordia College - New York	Joint research; Student & Faculty Exchange, Other Academic Coop
USA	Manhattan Institue of Management	Customized Joint Academic Programs
India	Rai University	Joint research; Student & Faculty Exchange, Other Academic Coop
China	Beijing Union University	Joint research; Student & Faculty Exchange, Other Academic Coop
USA	California University of Pennsylvania	Joint research; Student & Faculty Exchange, Other Academic Coop
Iraq	Sulaimani Polytechnic University	Joint research; Student & Faculty Exchange, Other Academic Coop
Azerbaijan	Tafaccur University	Joint research; Student & Faculty Exchange, Other Academic Coop
France	Universite de Rouen	Joint research; Student & Faculty Exchange, Other Academic Coop
Denmark	University College of Northern Denmark	Joint research; Student & Faculty Exchange, Other Academic Coop
China	Hunan Normal University	Joint research; Student & Faculty Exchange, Other Academic Coop
Russia	Ural State Law University	Joint research; Student & Faculty Exchange, Other Academic Coop

Double Degree Agreements

Country	Partner University	Faculty & Programs
USA	Franklin University	Faculty of Economic and Administrative Sciences, Business, Finance, Logistics
UK	Havering College	Vocational School Programs
UK	Middlesex University	Faculty of Economic and Administrative Sciences, Business Programs
UK	National Design Academy	Interior Design
Ireland	Griffith College	Faculty of Economic and Administrative Sciences, Business Programs
Bulgaria	Varna Technical University	Vocational School Programs
Spain	University College of Hotel Management and Culinary Arts STPOL	Hotel Management and Gastronomy
Spain	Cesine Business School	Business Admin; Int Trade , Management
Croatia	Zagreb School of Business and Management	Faculty of Economic and Administrative Sciences, Business Programs
Germany	IUBH School of Business and Management	Faculty of Economic and Administrative Sciences, Business Programs
Italy	IED-Instituto Europeo di Design	Fashion Design, Product Design, Visual Design, Interior Architecture
France	IPAG Business School	Faculty of Economic and Administrative Sciences, Business Programs
France	EM Normandie-School of Management in Normandie	Faculty of Economic and Administrative Sciences, Business Programs
France	ESIGELEC-Ecole Superieure d'Ingenieurs en Genie Electrique	Faculty of Economic and Administrative Sciences, Electrical Engineering
France	ESIGETEL-Ecole	Network, Embedded Systems and Mobile Communication
France	EFREI-Ecole D'Ingenieur Informatique et Technologies du Numerique	Information and Digital Technologies
France	EICAR-The International Film and TV School	Cinema and TV
France	GROUP Mod'Art International	Fashion Design

Dual Certification Agreements

Country	Partner University	Faculty & Department	Programs
Italy	Florence University of the Arts	School of Applied Sciences- Gastronomy	Professional Chef Certificate
UK	West London University	School of Applied Sciences- Gastronomy	Professional Chef Certificate

ACADEMIC ROSTER

ACAR, RÜYAM, Assistant Professor, Ph.D. University Of Alberta, MS Middle East Technical University, BS Middle East Technical University, Computer Engineering

AĞAOĞLU ÖĞRETMENOĞLU, YASEMİN, Assistant Professor, BS Istanbul University, Disaster and Emergency Management

AKAR, MÜRÜVVET, Lecturer, MS Yıldız Technical University, BS Yıldız Technical University, Banking and Insurance

AKAY, ONUR, Assistant Professor, Ph.D. University Of Mississippi, MS Istanbul Technical University, BS Dokuz Eylül University, Civil Engineering

AKÇADAĞ, TUNCAY, Associate Professor, Ph.D. Abant İzzet Baysal University, MA Hacettepe University, BA Hacettepe University, Pre-School Education

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Robert Collage, Energy Systems Engineering
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Chinese Translation and Interpreting

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