**CHILD DEVELOPMENT AND EDUCATION WITH THESIS/NON-THESIS MASTER'S DEGREE COURSE CONTENTS**

**SAY 512** **Biostatistics and Decision Making**  **Credit (3 + 0) 3, ECTS 8, Compulsory**

Basic concepts of statistics, population, sampling and sampling definition, gaining knowledge and skills about using probabilistic and improbable sampling methods in health services management, definition of frequency and descriptive scales, comparison of two ratios, comparison of two averages, relations between categorical variables, advanced analysis of the 2x2 tables.

**SAY 551 Epidemiology Credit (3 + 0) 3, ECTS 8, Compulsory**

Scientific method, epidemiological principles, application areas of epidemiological methods, observational studies, descriptive and analytical studies, experimental studies, methodological studies, epidemiological criteria, epidemiological research planning, infectious diseases epidemiology, epidemic.

**ÇGE 501 Development Theories and Researches Credit (3 + 0) 3, ECTS 8, Elective**Psychoanalytical Theories (Psychosexual Development Theory, Psychosocial Development Theory), Cognitive Theories (Piaget's Cognitive Development Theory, Sociocultural Cognitive Theory, Information Processing Theory), Learning and Social Learning Theories (Operant Conditioning, Social Learning Theory, Ethological Theory, Ecological Theory) and other developmental theories by discussing the interpretation of current scientific research on these theories and their reflection on the field and practice.  
  
**ÇGE 502 Developmental Psychology and Researches Credit (3 + 0) 3, ECTS 8, Elective**Life-long development phenomenon, basic concepts and theories of development, research methods in developmental psychology, genetic fundamentals of development, prenatal development, birth process, newborn, infancy, early childhood, middle childhood, adolescence, young adulthood, middle adulthood and advanced adulthood. Discussing the issues of development, death, dying and mourning, the interpretation of current scientific research on these issues and their reflection on the field and practices.

**ÇGE 503 Recognition and Assessment Methods of the Child Credit (3 + 0) 3, ECTS 8, Compulsory**

The importance of recognizing the individual, the principles to be considered in recognizing the individual, the problems encountered in the application of individual recognition techniques and the unique solutions to the encountered problems, ethics in developmental assessment, non-test techniques used in recognizing the individual (Observation, Anecdote - Case Record, Evaluation Scales, Sociometry, Who Is It? , Sociodrama, Role-playing, interview, Home Visits, Autobiography, desire List, Half sentence Completion, Problem Checklist, Bibliotherapy, survey), report the information we obtained from the individual recognition techniques to prepare and family to be interviewed, the family informed in this regard, Turkey ' developmental activity applications used in the world, developmental activity applications used in the world and methods used in educational studies.

**ÇGE 507 Qualitative Research Methods Credit (3 + 0) 3, ECTS 8, Elective**

Basic paradigms valid in social sciences and educational research, research patterns used in educational research (case study, theoretical, etc.), data collection through interviews, observations and document review, data analysis, developing methods to increase the quality of the research and presenting the findings.

**ÇGE 508 Early Childhood Studies**  **Credit (3 + 0) 3, ECTS 8, Compulsory**Early childhood development and to follow the investigations in Turkey and other countries in the education field, this research to analyze, taking into account scientific principles, synthesis and evaluation, evaluation by discussing the terms of her contribution to the results of research of child development.

**ÇGE 510 Seminar Credit (0 + 0) 0, ECTS 8, Compulsory**

In this course, the student; In the field of "Child Development and Education", he / she conducts literature review in the field, collects information about data collection methods, gains the ability to evaluate the latest research data on current issues and discuss innovations. Systematically collects data on the subject of interest and reports the collected data by enriching it with the relevant literature on the subject. Presents the prepared report verbally.

**ÇGE 511 Education Approaches, Programs and Practices in Early Childhood Period Credit (3 + 0) 3, ECTS 8, Elective**

The development of early childhood education in the world and Turkey, the identification of early childhood education programs, Maria Montessori, Highscop, Reggio Emilia, Head Start, Bank Street, Waldorf etc. alternative approaches, aims and principles of preparing programs for early childhood, education methods and techniques, determining objectives and indicators for development areas, planning daily education flow according to monthly education plan, preparing appropriate activities, implementation strategies of education program, family participation, program evaluation process and adult education.

**ÇGE 512 Child Drawing and Evaluation Credit (3 + 0) 3, ECTS 8, Elective**

Painting as a communication tool, the role of painting in psychological diagnosis, views on child painting, developmental stages of child painting (Scribble Phase, Pre-Schematic Period, Schematic Period, Reality Period), features of child painting, the most frequently studied subjects in children's paintings (human figure, house figure, tree figure, etc.), evaluation of child painting according to intelligence, personality and close environment characteristics and theoretical approaches to child painting.

**ÇGE 513 Play and Game Research in Childhood Period Credit (3 + 0) 3, ECTS 8, Elective**

The importance of play in childhood, its development and game theories, game-based learning, play centers and game materials, play as a tool for monitoring and evaluating the child, play as a teaching method in the diagnosis and treatment of children, play as a teaching method, features of education with play in early childhood, the achievements of education with games. Developing and applying games that support children's development, following, interpreting and discussing current research based on the game.

**ÇGE 514 Learning Difficulties in Children Credit (3 + 0) 3, ECTS 8, Elective**

Characteristics of children with learning difficulties, diagnostic methods, adaptation problems and educational opportunities, preparing and implementing an individualized education program for children with learning difficulties.

**ÇGE 515 Language Development and Assessment Methods in Early Childhood Period   
Credit (3 + 0) 3, ECTS 8, Elective**

Concepts, theories about language development and language development in early childhood, factors affecting language development, scales and tests used in the evaluation of children's language development at home and abroad, language development assessment practices, basic concepts related to language and communication disorders, types, possible causes and prevalence, different approaches used in the evaluation of communication disorders (medical and psycholinguistic approaches), characteristics of children with language and communication disorders, diagnosis and intervention process in language and communication disorders, approaches, counseling and case analysis for children's families.

**ÇGE 517 Early Literacy Credit (3 + 0) 3, ECTS 8, Elective**

Defining the basic concepts of literacy and children's literature, predictive skills of reading and writing, the relationship between language and early literacy, age-appropriate book selection criteria, the importance of interactive book reading, the development of literacy in children from birth to the age of seven, the effects of home environment on literacy acquisition, early literacy skills. Approaches used, strategies to support early literacy skills in home and school environment.

**ÇGE 518 Brain and Behavior Credit (3 + 0) 3, ECTS 8, Elective**

Perception, motivation, attention, aggression, emotions, brain processes that are effective in decision making and learning, executive functions, the role of the brain in cognitive processes and behavior, brain functions in emotional and social relationships, brain imaging techniques, brain-related disorders in neurological and neuropsychiatric disorders seen in clinical cases. discussion of the findings.

**ÇGE 520 Children in Health Institutions Credit (3 + 0) 3, ECTS 8, Elective**

General developmental characteristics of 0-18 age group children admitted to health institutions, appropriate approach to the sick child and family, preparatory education, child-family-staff interaction, preparing children and their families for diagnosis and surgery, games in the hospital, hospital schools, children, their families and staff, rights of hospitalized children.

**ÇGE 521 Art and Creativity in Childhood Period Credit(3 + 0) 3, ECTS 8, Elective**

Concepts and theories about art and creativity, the place and importance of creativity in human and social life, brain and creativity, mental processes in creativity, creativity in different educational approaches and models, techniques and methods that develop creative thinking, factors affecting the development of creativity in children, education in the development of creativity in early childhood the role of the institution and the family, media and creativity, measurement of creativity in childhood, artistic development in childhood, different art areas for children (museums, theater, cinema), the use of art to support the creativity of children, communication in visual arts education, use of different materials in creative activities, Preparing appropriate examples of art activities and discussing these examples.

**ÇGE 522 Special Talented Children Credit (3 + 0) 3, ECTS 8, Elective**

Definition of intelligence and special ability, types of special talents, characteristics and distinctive features of gifted children, developmental characteristics of gifted children, identification of gifted children and data sources used, problems faced by gifted children, their needs, educational models, program for specially gifted children. development and application of principles, gifted children, family counseling, practices in the world and Turkey.

**ÇGE 523 Effective Learning Environments in Childhood Period   
Credit (3 + 0) 3, ECTS 8, Elective**

This course; 21st century's expectations from individuals and 21st century's characteristics, concepts and processes related to learning, learning outcomes, formal and non-formal learning environments (home, school, street, museum, library, hospital, sports areas, etc.), and evaluation of the learning process. learning and non-learning, the conditions affecting learning (adult behaviors, learning tools, learner characteristics, etc.), learning styles, learning styles, lifelong learning, characteristics and principles of child-friendly learning environments, good examples abroad and in our country, It includes creating a model for effective learning environments.

**ÇGE 524 Early Intervention Programs Credit(3 + 0) 3, ECTS 8, Elective**

Early intervention definition, objectives, issues, philosophies on early intervention and developmental theories, early intervention approaches in the world and Turkey, and early intervention services, service options, individualized family service plan, developmentally appropriate programs, activity-based approach, early intervention in the natural environment, involvement, teamwork.

**ÇGE 525 Scale Development Credit (3 + 0) 3, ECTS 8, Elective**

Measurement and evaluation concepts, the place of measurement in education, the concept of scale, basic features of the measurement tool (validity, reliability), stages of test development, specific and unit analysis tables, types of exams, question types, features of objective tests, item analysis, item writing and editing techniques, test and item statistics, item selection and test organization, standardization and norm preparation techniques.

**ÇGE 526 Scientific Research Methods Credit (3 + 0) 3, ECTS 8, Elective**

Selecting the research problem, searching the literature using databases, creating research questions and hypotheses, qualitative and quantitative research methods and techniques, creating research patterns suitable for the problem, choosing the right sample, the characteristics and application process of the scales, collecting, analyzing, interpreting and reporting the data. the process of being. The process of complying with ethical rules in research and publishing in peer-reviewed journals.

**ÇGE 527 Family Education and Participation Credit (3 + 0) 3, ECTS 8, Elective**

Basic concepts of family and family education, parenting styles, parent-child interaction, family development cycle, family education in the historical process, social developments and changes in family education, theories and researches about parenting, laws and ethical rules regarding parental rights in family education. , early education and support programs, effective family-school-society relations, family interviews, planning, implementation and evaluation of family education programs, family participation studies in early childhood education, family studies in special cases, studies with families of children with special needs.

**ÇGE 528 Management and Leadership in Education Credit(3 + 0) 3, ECTS 8, Elective**

Definition of management, management-related concepts, management theories and processes, manager-leader characteristics, interpersonal communication in the managerial process, management of personnel, management functions, examination of various approaches to management practices, decision making and planning, organization, organizational structure, authority and power, motivation, leadership, change and management in organizations, current issues in management.

**ÇGE 554 Developmental Psychopathology Credit (3 + 0) 3, ECTS 8, Elective**Protective and risk factors in development, factors affecting normal and pathological development, contexts of psychopathology (family, school, peer relations, stress and culture), emotional and behavioral disorders in early childhood (attachment disorders, attention deficit hyperactivity disorder, violence, depression, substance abuse). addiction, eating disorders, child abuse and trauma disorders).

**ÇGE 565 Values ​​Education Credit (3 + 0) 3, ECTS 8, Elective**

Definition and importance of value education, universal and cultural values, the scope of values ​​according to developmental periods in childhood, the place of values ​​education in pre-school education programs and primary school curricula, the latent program, the place of the family, educator and school in values ​​education in childhood, approaches to values ​​education and application samples.

**ÇGE 529 Thesis Credit(0 + 0) 0, ECTS 50, Compulsory** It is a process in which the student performs his tesis study under the guidance of his advisor. It includes planning a scientific research, collecting data, evaluating the collected data, discussing the research results based on scientific resources, reporting the work done in accordance with the thesis writing rules and presenting the thesis.

**ÇGE 530 Project Credit (0 + 0) 0, ECTS 30, Compulsory**

It is a process in which the student realizes the project work under the guidance of his / her advisor. It includes the determination of the project subject, the domestic and international literature review related to the project subject, the planning, implementation and reporting of all dimensions of the research.