**Compulsory Courses**

* Fundamentals of Engineering Mathematics (3+0)
* Advanced Power Electronics (3+0)
* Advanced Electric Drives (3+0)
* Seminar (0+2+0)

**Elective Courses**

* DSP-Based Electromechanical Motion Control (2+2)
* Clean Energy Technology and Energy Storage Systems (3+0)
* Electric and Hybrid Electric Vehicles (3+0)
* Embedded System Design (3+0)
* Digital System Design (3+0)
* Analog Filters (3+0)
* Microwave Engineering (3+0)
* Advanced Modeling and Simulation of Dynamic Systems (3+0)
* Theory and Design of Advanced Control Systems (3+0)
* Advanced Internal Combustion Engines (3+0)
* Standards and Regulations in Engineering (3+0)