

General Elective, Language + Soft Skills		Bachelor's Thesis	Engineering- and Lab- Project
Semester 5, 6, 7	Electronic Systems Communication Systems Control Systems	Compulsory Elective Module e.g. - System Architecture / Deep Learning- AI - Electrical Power Systems / Smart Grids - Distributed Systems / Automation Technology - Power Electronics / Microwave Engineering - Digital Control Systems / Robotics	Mobility Specialization Electric Drives Autonomous Mobility 3D Computer Vision Vehicle to X Communication Embedded Security
Integrated Practical Semester			
Semester 1, 2, 3	Scientific Foundations: Math I - II Statistics and Probability Calculus Multivariable Calculus Physics - Concepts and Methods	Advanced Electrical Engineering and Programming Electrical Engineering and Electronics Signals and Systems / Digital Systems Software Engineering and Object Oriented Programming Modern Semiconductors Electronic Circuits Engineering Fundamentals: Electrical Engineering Programming Sustainable and intelligent Mobility Business Administration	Advanced Mobility Sustainable and Smart Mobility / Sensor Technology / Algroithm and Data Structures Project- Based Learning Hands on Experience / Interdisziplinary Lab EE&Physics / Microprozessor Systems / Introduction to Machine Learning