SEM.	MODULE OVERVIEW						ECTS
1	Electrical Engineering 1: Basics 5	Mathematics 1: Analysis 1 5	Mathematics 2: Linear Algebra 5	Programming & practical course 5	Digital Technology & practical course 5	Physics Mechanics 5	**30**
2	Electrical Engineering 2: Electrodynamics 5	Metrology 1: Basics & practical course 5	Mathematics 3: Analysis 2 5	Computer-Aided Circuit Design 1 5	Computer Technology & practical course 5	Object-Oriented Programming & practical course 5	**30**
3	Electrical Engineering 3: Time and Frequency Domains 5	Robotics & practical course 5	Metrology 2: Advanced & practical course 5	Electronics 5	Mathematics 4: Statistics and Numeric & practical course 5	Electrical Engineering Practical 5	**30**
4	Computer-Aided Circuit Design 2 & practical course 5	German Language 5	Power Electronics 5	Seminar: Main Study 5	Communication Technology 5	Elective Module 5	**30**
5	Internship						**30**
6	Digital Signal Processing & practical course 5	Seminar: Scientific Work 5	Microcontroller & practical course 5	High Frequency Engineering & practical course 5	Module 2: Study Focus 5	Communication Networks 5	**30**
7	Automation & practical course 7	Control Engineering & practical course 6	Module 1: Study Focus 5	Bachelor-Thesis 12			**30**

■ Lecture subjects ■ Projects and practical courses ■ Thesis and internship