

Module Overview M.Sc. Elektrotechnik und Informationstechnik - 6 Semester

Degree Programme Guidelines as per 01.10.2023, Version: 01.06.2024 (SB2024II)

The degree programme consists of 120 Credit Points (CP) in total:

Mandatory and Elective Subject Area:	56 - 64 CP	■
All modules not belonging to the specialization:	26 - 34 CP	■
- Including Studium Generale:	10 - 24 CP	■
Master's Thesis:	30 CP	■

Language of Tuition:
GERMAN
Certificates required



This leads to the following *possible* part-time semester course schedule:

1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester
Mandatory and Elective Subject Area * <i>Basics and Election Catalogue of the chosen specialization</i> (56 - 64 CP)					Master's Thesis (30 CP)
General Electrical Engineering and Information Technology (10 - 24 CP)					
Studium Generale <i>Electives from: Humanities and Social Sciences (min. 1 module), Entrepreneurship and Management, Engineering and Natural Sciences, Languages, Soft Skills and Insight into Professional Life</i> (10 - 24 CP)					
Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP	Ø 20 CP

* The students choose one of the eight predefined specializations:

- Automation Technology (AUT)
- Computational Methods in Electrical Engineering (CMEE)
- Computer Engineering (DT)
- Electrical Power Engineering (EET)
- Communication and Sensor Networks (KTS)
- Sensors, Actuators and Electronics (SAE)
- Networked Autonomous Systems (VAS)
- General Electrical Engineering (AET) (the area „General Electrical Engineering and Information Technology“ is part of the Specialization, which therefore includes 66-80 CP)