Module Overview M.Sc. Electrical Engineering and Information TEchnology (8 semesters)

Degree Programme Guidelines as per 01.10.2014, Version 01.10.2020

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

Specialisation Fundamentals and Course Catalogue: **60 CP**
Optional Subject Area Science and Engineering: **21 CP**
Optional Subject Area General Studies: **9 CP**
Master's Thesis: **30 CP**

Language of Tuition: GERMAN
Certificates required

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

1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	7. Semester	8. Semester
Specialisation* **(12 CP)**	**Specialisation*** **(8 CP)**	**Specialisation*** **(12 CP)**	**Specialisation*** **(8 CP)**	**Specialisation*** **(12 CP)**	**Specialisation*** **(8 CP)**	**Master's Thesis** **(30 CP)**	
General Studies **(3 CP)** (Choice of modules from the departments 1, 2, 3, 15, from the Language Resource Center (Sprachenzentrum) as well as certain modules from other departments)	**Science & Engineering** **(7 CP)** (Choice of modules from other departments (except the departments 1, 2, 3 and 15)	**General Studies** **(3 CP)** (Choice of modules from the departments 1, 2, 3, 15, from the Language Resource Center (Sprachenzentrum) as well as certain modules from other departments)	**Science & Engineering** **(7 CP)** (Choice of modules from other departments (except the departments 1, 2, 3 and 15)	**General Studies** **(3 CP)** (Choice of modules from the departments 1, 2, 3, 15, from the Language Resource Center (Sprachenzentrum) as well as certain modules from other departments)	**Science & Engineering** **(7 CP)** (Choice of modules from other departments (except the departments 1, 2, 3 and 15)		
Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP

*   Students choose one of the following seven specialisations (60 CP in total; each specialisation consists of a Mandatory Subject Area and an Elective Subject Area): Automation Systems (AUT); Computer-Aided Electrodynamics (CED); Computer Engineering (DT); Electrical Power Engineering (EET); Integrated Micro and Nano Technologies (IMNT); Micro and Precision Engineering (MFT); Communication and Sensor Networks (KTS); Sensors, Actuators and Electronics (SAE) .