

Welcome to the first Semester of Master Courses

**Elektrotechnik und Informationstechnik (ETIT)
Mechatronik und Informationstechnik (MIT)**

We will start soon!

A close-up, angled view of a microchip or integrated circuit. The chip is rectangular and features a complex pattern of gold-colored conductive traces and various colored pads (red, blue, green, and black). The background is a blurred gradient of blue and red light.

Masterprüfungsausschuss (MPA) Master Examination Board

■ Chairman:

- Prof. Dr.-Ing. Ahmet Cagri Ulusoy
Institute of Radio Frequency Engineering and
Electronics (IHE)
- (Contact via master-info@etit.kit.edu)



■ Program Service Master:

- Gisela Schlüter
- Anastasia Wandler



- Recognition of examination results in the Master's Program
- Examination admissions for examinations outside the faculty
- Approval of the Individual Study Plans
- Admission to the Master Thesis
- Processing of all applications for study derogations (i. e. deadline extension, “Zweitwiederholungen”, etc.)

Your „Study Program“ ETIT

- Choice of (currently) 24 Fields of Specializations
 - Decision during studies
 - Consult adviser of the Specializations in your first semester
 - <https://www.etit.kit.edu/beratung.php>
- Modulehandbook, individual study plans und list of all advisers of the Specializations on the homepage
- https://www.etit.kit.edu/master_etit.php

24 Specializations

24 Specializations

	Vertiefungsrichtung	Sprache
2	Signalverarbeitung	Deutsch
3	Biomedizinische Technik	Deutsch
4	Elektromobilität	Deutsch
5	Regelungs- und Steuerungstechnik	Deutsch
6	Elektrische Antriebe und Leistungselektronik	Deutsch
7	Adaptronik	Deutsch
8	Information und Automation	Deutsch
9	Elektroenergiesysteme und Hochspannungstechnik	Deutsch
10	Optische Technologien	Deutsch
11	Hochfrequenztechnik	Deutsch
12	Photonics	Englisch
13	Systems Engineering	Deutsch
14	Nachrichtensysteme	Deutsch
15	Mikro- und Nanoelektronik	Deutsch
16	Kommunikationstechnik	Deutsch
17	Information and Communication	Englisch
18	Regenerative Energien	Deutsch
19	Ausrüstungssysteme der Luft- und Raumfahrt	Deutsch
21	System-on-Chip	Deutsch
22	Mikro-, Nano-, Optoelektronik	Deutsch
23	Elektrische Energiesysteme und Energiewirtschaft	Deutsch
24	Electrical Power Systems	Englisch
25	Sensorsysteme	Deutsch
26	Applied Superconductors Engineering	Deutsch Englisch



- Individual lectures and number of credit points
- Current description of the specializations in the module handbook
- 4 specializations can be studied entirely in English
- contact the study advisor if you have any questions about your specialization

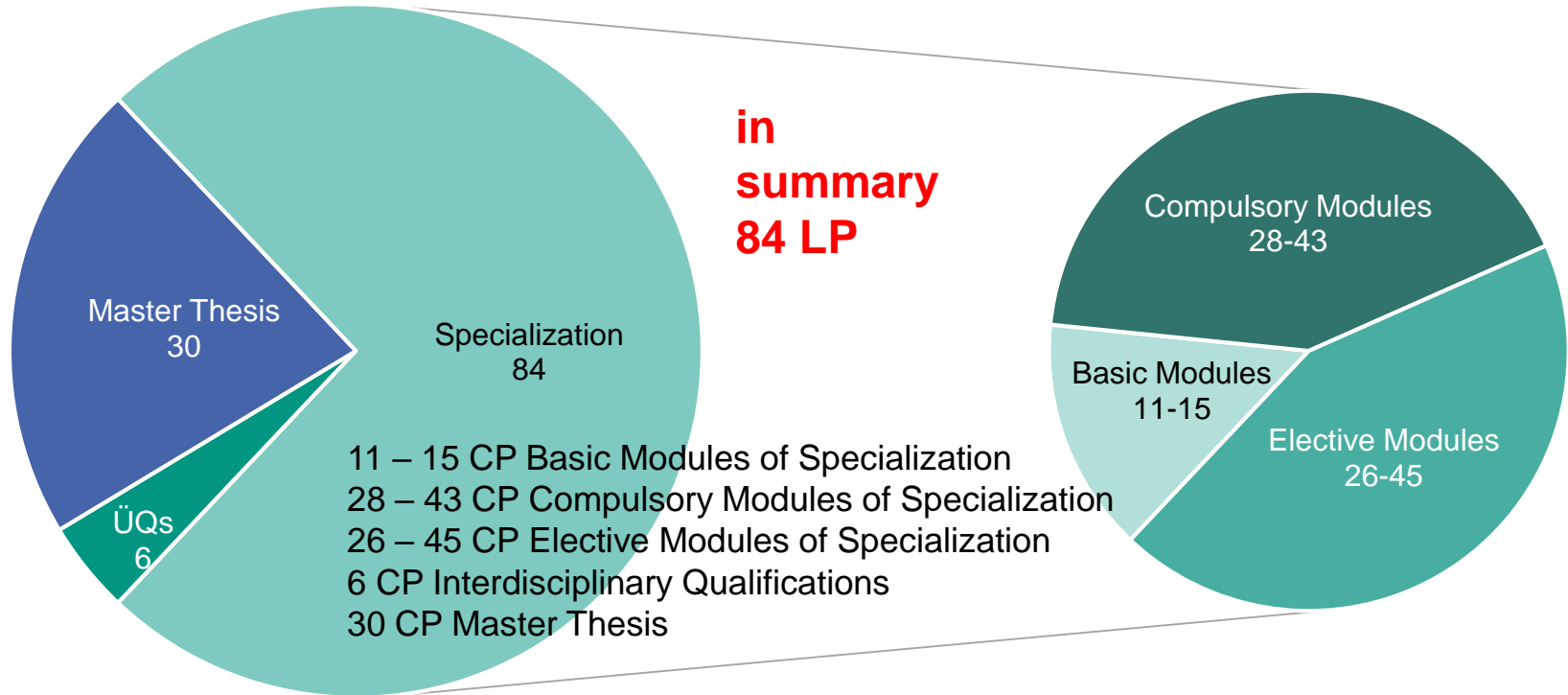
Your Study Program ETIT

- 120 Credit Points
 - 11 – 15 CP Basic Modules of Specialization
 - 28 – 43 CP Compulsory Modules of Specialization
 - 26 – 45 CP Elective Modules of Specialization
 - 6 CP Interdisciplinary Qualifications
 - 30 CP Master Thesis
 - (30 CP Additional Examinations, optional)

 - Regular time of study 4 semester
 - Maximum number of semesters: 7
- In
Summary
84 LP**

Your Study Program ETIT

84 credit points



Choose 1 of (currently) 8 Fields of Specializations	
Automotive Engineering	35 CP
Power Engineering	35 CP
Microsystems Technology	35 CP
Medical Technology	35 CP
Industrial Automation	35 CP
Control Engineering in Mechatronics	35 CP
Robotics	35 CP
Design of Mechatronic Systems	35 CP

Your Master Study Program MIT

- 120 Credit Points
 - 32 CP General Mechatronics
 - 35 CP Field of Specialization
 - 17 CP Interdisciplinary Subject
 - 6 CP Interdisciplinary Qualifications
 - 30 CP Master Thesis
 - (30 CP Additional Examinations, optional)

- Regular time of study 4 semester
- Maximum number of semesters: 8

In
Summary
84 LP

General Mechatronics 32 CP (mandatory for all students)

Control of Linear Multivariable Systems	6 CP
Materials	5 CP
Product Development – Methods of Product Engineering	6 CP
Numerical Methods	5 CP
Measurement Technology	5 CP
Engineering Mechanics	5 CP

Interdisciplinary Qualifications (6 CP)

- Subjects listed in the modulehandbook
 - Difference to the lectures of specialization, mainly non-technical content
- Subjects of the Language Centre
 - One course per semester free of charge
 - <https://www.spz.kit.edu/>
- Subjects of the HoC – House of Competence
 - <https://studium.hoc.kit.edu/>
- Services of the ZAK - Centre for Applied Cultural Studies and Studium Generale
 - https://www.zak.kit.edu/studium_generale_und_lehre.php

Important Deadlines:

- Recognition of examinations in the first semester after matriculation
- Second repetition (“Zweitwiederholungen”) must be requested and approved by the MPA. As long as they are not approved, you have lost the right to take the exam and are not allowed to write exams at KIT.

Check the Examination Regulations regarding deadlines

FAQs:

[KIT - ETIT - Study and teaching - Advisory Services - FAQs](#)

- I am not yet sure which specialization I should choose.....
 - You can find information about the individual specializations in the module handbook and make appointments with the relevant subject advisors

- Can I change the specialization during my studies?
 - Yes, find out in advance which modules you have already taken can be transferred to the new specialization and make an appointment with the subject advisor of the new specialization

- Can I choose any specialization or only English-language specializations?
 - You can choose any specialization, but make sure you can follow the lectures in German

- Which modules do I choose for the elective area of the specialization?
 - You can find information in the module handbook. There you will also find exemplary curricula. You can also make an appointment with your subject advisor.

Büro des Studiengangservice Master ETIT

Master-Info Office

Office: Building 10.91, Room 223.1



If you have any questions or problems regarding your studies you are welcome to contact us:

master-info@etit.kit.edu

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