

# Course of Study Electrical Engineering (Study Cohort w20)

Sample course plan B Master Electrical Engineering (ETMS)

Core Qualification Compulsory    Specialisation Compulsory    Focus Compulsory    Thesis Compulsory  
 Core Qualification Elective Compulsory    Specialisation Elective Compulsory    Focus Elective Compulsory    Interdisciplinary complement

Specialisation Medical Technology											
1	<b>Digital Communications</b>		<b>Robotics and Navigation in Medicine</b>		<b>Research Project and Seminar in Medical Technology</b>	<b>Master Thesis</b>					
2	Digital Communications VL 2		Robotics and Navigation in Medicine VL 2								
3	Digital Communications HÜ 2		Robotics and Navigation in Medicine GÜ 1								
4	Laboratory Digital Communications PR 1		Robotics and Navigation in Medicine PS 2								
5											
6											
7	<b>Microwave Engineering</b>		<b>Medical Imaging Systems</b>								
8	Microwave Engineering VL 2		Medical Imaging Systems VL 4								
9	Microwave Engineering HÜ 2										
10	Microwave Engineering PR 1										
11											
12											
13	<b>Microsystem Engineering</b>		<b>MED I: Introduction to Anatomy</b>		<b>Intelligent Systems in Medicine</b>						
14	Microsystem Engineering VL 2		Introduction to Anatomy VL 2		Intelligent Systems in Medicine VL 2						
15	Microsystem Engineering PBL 2				Intelligent Systems in Medicine GÜ 1						
16			<b>MED I: Introduction to Radiology and Radiation Therapy</b>		Intelligent Systems in Medicine PS 2						
17			Introduction to Radiology and Radiation Therapy VL 2								
18											
19	<b>Control Systems Theory and Design</b>										
20	Control Systems Theory and Design VL 2										
21	Control Systems Theory and Design GÜ 2										
22											
23											
24											
25	<b>Electrical Power Systems II: Operation and Information Systems of Electrical Power Grids</b>										
26	Electrical Power Systems II: Operation and Information Systems of Electrical Power Grids VL 2										
27											
28	Electrical Power Systems II: Operation and Information Systems of Electrical Power Grids HÜ 2										
29											
30											
Business & Management (from catalogue) - 6LP											
Non-technical Courses for Master (from catalogue) - 6LP											
Technical Complementary Course for ETMS (according to Subject Specific Regulations) - 12LP											

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.

