

# Course of Study Electrical Engineering (Study Cohort w21)

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	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk
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	3									
27	Electrical Power Systems II: Operation and Information Systems of Electrical Power Grids	HÜ	2									
28	Electrical Power Systems II: Operation and Information Systems of Electrical Power Grids											
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.

