

# Course of Study Electrical Engineering (Study Cohort w22)

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>
2	Digital Communications	VL 2	Robotics and Navigation in Medicine
3	Digital Communications	HÜ 2	Robotics and Navigation in Medicine
4	Laboratory Digital Communications	PR 1	Robotics and Navigation in Medicine
5			
6			
7	<b>Microwave Engineering</b>		<b>Medical Imaging Systems</b>
8	Microwave Engineering	VL 2	Medical Imaging Systems
9	Microwave Engineering	HÜ 2	
10	Microwave Engineering	PR 1	
11			
12			
13	<b>Microsystem Engineering</b>		<b>MED I: Introduction to Anatomy</b>
14	Microsystem Engineering	VL 2	Introduction to Anatomy
15	Microsystem Engineering	PBL 2	
16			<b>MED I: Introduction to Radiology and Radiation Therapy</b>
17			Introduction to Radiology and Radiation Therapy
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.

