

# Course of Study Electrical Engineering (Study Cohort w22)

Sample course plan B Master Electrical Engineering (ETMS) Dual study program

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>		
2	Digital Communications	VL 2	
3	Digital Communications	HÜ 2	
4	Laboratory Digital Communications	PR 1	
5			
6			
7	<b>Microwave Engineering</b>		
8	Microwave Engineering	VL 2	
9	Microwave Engineering	HÜ 2	
10	Microwave Engineering	PR 1	
11			
12			
13	<b>Microsystem Engineering</b>		
14	Microsystem Engineering	VL 2	
15	Microsystem Engineering	PBL 2	
16			
17			
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			
31	<b>Practical module 1 (dual study program, Master's degree)</b>		
32	Practical term 1		0
33			
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Business & Management (from catalogue) - 6LP			
Linking theory and practice (dual study program, Master's degree) (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.

