Course of Study Electrical Engineering (Study Cohort w20)

Legend

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

Sample course plan C Master Electrical Engineering (ETMS)

Specialisation Information and Communication Systems

LP											
1	**Digital Communications**			**Pattern Recognition and Data Compression**			**Research Project and Seminar in Information and Communication Systems**			**Master Thesis**	
2	Digital Communications	VL	2	Pattern Recognition and Data Compression	VL	4					
3	Digital Communications	HÜ	2								
4	Laboratory Digital Communications	PR	1								
5											
6											
7	**Microwave Engineering**			**Advanced Concepts of Wireless Communications**							
8	Microwave Engineering	VL	2	Advanced Concepts of Wireless Communications	VL	3					
9	Microwave Engineering	HÜ	2	Advanced Concepts of Wireless Communications	HÜ	2					
10	Microwave Engineering	PR	1								
11											
12											
13	**Microsystem Engineering**			**Information Theory and Coding**			**Traffic Engineering**				
14	Microsystem Engineering	VL	2	Information Theory and Coding	VL	3	Traffic Engineering	VL	2		
15	Microsystem Engineering	PBL	2	Information Theory and Coding	HÜ	2	Traffic Engineering Exercises	GÜ	1		
16							Seminar Traffic Engineering	SE	2		
17											
18											
19	**Control Systems Theory and Design**										
20	Control Systems Theory and Design	VL	2								
21	Control Systems Theory and Design	GÜ	2								
22											
23											
24											
25	**Electrical Power Systems II: Operation and Information Systems of Electrical Power Grids**										
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.