

Course of Study Electrical Engineering (Study Cohort w21)

Sample course plan C Master Electrical Engineering (ETMS)

		Semester 2		Semester 3		Semester 4	
Specialisation Information and Communication Systems		Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk
1	Digital Communications			Advanced Concepts of Wireless Communications		Research Project and Seminar in Information and Communication Systems	Master Thesis
2	Digital Communications	VL	2	Advanced Concepts of Wireless Communications	VL		
3	Digital Communications	HÜ	2	Advanced Concepts of Wireless Communications	HÜ		
4	Laboratory Digital Communications	PR	1				
5							
6							
7	Microwave Engineering			Information Theory and Coding			
8	Microwave Engineering	VL	2	Information Theory and Coding	VL		
9	Microwave Engineering	HÜ	2	Information Theory and Coding	HÜ		
10	Microwave Engineering	PR	1				
11							
12							
13	Microsystem Engineering			Simulation of Communication Networks		Traffic Engineering	
14	Microsystem Engineering	VL	2	Simulation of Communication Networks	PBL	5	Traffic Engineering
15	Microsystem Engineering	PBL	2				Traffic Engineering Exercises
16							Seminar Traffic Engineering
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	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.

