

Course of Study Electrical Engineering (Study Cohort w18)

Sample course plan C Master Electrical Engineering (ETMS)
Specialisation Information and Communication Systems

Legend:

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

LP	Semester 1	Form Hrs/wk	Semester 2	Form Hrs/wk	Semester 3	Form Hrs/wk	Semester 4	Form Hrs/wk
1	Digital Communications		Pattern Recognition and Data Compression		Research Project in Information and Communication Systems		Master Thesis	
2	Digital Communications	VL 2	Pattern Recognition and Data Compression	VL 4				
3	Digital Communications	HÜ 1						
4	Laboratory Digital Communications	PR 1						
5								
6								
7	Microwave Engineering		Advanced Concepts of Wireless Communications		Digital Signal Processing and Digital Filters			
8	Microwave Engineering	VL 2	Advanced Concepts of Wireless Communications	VL 3	Digital Signal Processing and Digital Filters	VL 3		
9	Microwave Engineering	HÜ 2			Digital Signal Processing and Digital Filters	HÜ 1		
10	Microwave Engineering	PR 1	Advanced Concepts of Wireless Communications	HÜ 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 1	Traffic Engineering Exercises	UE 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	UE 2						
22								
23								
24								
25	Electrical Power Systems II							
26	Electrical Power Systems II	VL 2						
27	Electrical Power Systems II	HÜ 2						
28								
29								
30								
Business & Management (from catalogue) - 6LP								
Nontechnical Elective Complementary 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.