

Course of Study Electrical Engineering (Study Cohort w22)

Sample course plan E 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 Control and Power Systems Engineering			
1	Digital Communications		Numerical Methods for Ordinary Differential Equations
2	Digital Communications	VL 2	Numerical Treatment of Ordinary Differential Equations
3	Digital Communications	HÜ 2	Numerical Treatment of Ordinary Differential Equations
4	Laboratory Digital Communications	PR 1	
5			
6			
7	Microwave Engineering		Optimal and Robust Control
8	Microwave Engineering	VL 2	Optimal and Robust Control
9	Microwave Engineering	HÜ 2	Optimal and Robust Control
10	Microwave Engineering	PR 1	
11			
12			
13	Microsystem Engineering		Electrical Power Systems III: Dynamics and Stability of Electrical Power Systems
14	Microsystem Engineering	VL 2	Electrical Power Systems III: Dynamics and Stability of Electrical Power Systems
15	Microsystem Engineering	PBL 2	Electrical Power Systems III: Dynamics and Stability of Electrical Power Systems
16			
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.

