

# Course of Study Electrical Engineering (Study Cohort w18)

Sample course plan E Master Electrical Engineering (ETMS)

Specialisation Control and Power Systems Engineering

Specialisation Control and Power Systems Engineering				Semester 2				Semester 3				Semester 4			
		Form	Hrs/wk		Form	Hrs/wk		Form	Hrs/wk		Form	Hrs/wk		Form	Hrs/wk
1	<b>Digital Communications</b> Digital Communications Digital Communications Laboratory Digital Communications			<b>Numerical Treatment of Ordinary Differential Equations</b> Numerical Treatment of Ordinary Differential Equations Numerical Treatment of Ordinary Differential Equations			<b>Research Project in Control and Power Systems</b>			<b>Master Thesis</b>					
2		VL	2		VL	2									
3		HÜ	1		GÜ	2									
4		PR	1												
5															
6															
7	<b>Microwave Engineering</b> Microwave Engineering Microwave Engineering Microwave Engineering			<b>Optimal and Robust Control</b> Optimal and Robust Control Optimal and Robust Control			<b>Industrial Process Automation</b> Industrial Process Automation Industrial Process Automation								
8		VL	2		VL	2		VL	2						
9		HÜ	2		GÜ	2		GÜ	2						
10		PR	1												
11															
12															
13	<b>Microsystem Engineering</b> Microsystem Engineering Microsystem Engineering			<b>Electrical Power Systems III</b> Electrical Power Systems III Electrical Power Systems III			<b>Seminar on Electromagnetic Compatibility and Electrical Power Systems</b> Seminar on Electromagnetic Compatibility and Electrical Power Systems  <b>Advanced Topics in Control</b> Advanced Topics in Control Advanced Topics in Control								
14		VL	2		VL	2		SE	2						
15		PBL	2		HÜ	1									
16								VL	2						
17								GÜ	2						
18															
19	<b>Control Systems Theory and Design</b> Control Systems Theory and Design Control Systems Theory and Design														
20		VL	2												
21		GÜ	2												
22															
23															
24															
25	<b>Electrical Power Systems II</b> Electrical Power Systems II Electrical Power Systems II														
26		VL	2												
27		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.

