Course of Study Electrical Engineering (Study Control Study Control Study Electric Compulsory Specialisation Elective Com

ample	course plan X Bachelor Electrical E	ngineering (ETBS) Dual study progra	m			
1	Physics for Engineers (part 1)	Electrical Engineering II: Alternating Current Networks	Electrical Engineering III: Circuit Theory and	Theoretical Electrical Engineering I: Time-	Theoretical Electrical Engineering II: Time-Dependent	Semiconductor Circuit Design
2	Physics for Engineers VL 2	and Basic Devices	Transients	Independent Fields	Fields	Semiconductor Circuit Design VL 3
3	Physics for Engineers GÜ 1	Electrical Engineering II: Alternating Current VL 3 Networks and Basic Devices	Circuit Theory VL 3 Circuit Theory GÜ 2	Theoretical Electrical Engineering I: Time- VL 3 Independent Fields	Theoretical Electrical Engineering II: Time- VL 3 Dependent Fields	Semiconductor Circuit Design GŪ 1
4		Electrical Engineering II: Alternating Current GÜ 2	Circuit mesty 00° 1	Theoretical Electrical Engineering I: Time- GÜ 2	Theoretical Electrical Engineering II: Time- GÜ 2	
5		Networks and Basic Devices		Independent Fields	Dependent Fields	
-	Electrical Engineering I: Direct Current Networks and Electromagnetic Fields					
6	Electrical Engineering I: Direct Current Networks VL 3					
7	and Electromagnetic Fields	Materials in Electrical Engineering	Computer Engineering	Signals and Systems	Introduction to Communications and Random Processes	Introduction into Medical Technology and Systems
8	Electrical Engineering I: Direct Current Networks GÜ 2 and Electromagnetic Fields	Materials in Electrical Engineering VL 2 Materials in Electrical Engineering GÜ 2	Computer Engineering VL 3 Computer Engineering GÜ 1	Signals and Systems VL 3 Signals and Systems GÜ 2	Introduction to Communications and Random VL 3	Introduction into Medical Technology and VL 2 Systems
9		Electrotechnical Experiments VL 1	Computer Engineering 00 1	Signals and Systems GO 2	Processes	Introduction into Medical Technology and PS 2
10					Introduction to Communications and Random HÜ 1	Systems
11	Foundations of Management				Processes Introduction to Communications and Random GÜ 1	Introduction into Medical Technology and HÜ 1 Systems
12	Introduction to Management VL 3				Processes	Systems
	Management Tutorial GÜ 2					
13		Mathematics II Mathematics II VL 4	Measurements: Methods and Data Processing Measurements: Methods and Data Processing VL 2	Electrical Engineering Project Laboratory Electrical Engineering Project Laboratory PBL 8	Electronic Devices Electronic Devices VL 3	Embedded Systems Embedded Systems VL 3
14		Mathematics II HÜ 2	Measurements: Methods and Data Processing GÜ 1	Electrical Engineering Project Eaboratory 1 be 0	Electronic Devices PBL 2	Embedded Systems GÜ 1
15		Mathematics II GÜ 2	EE Experimental Lab PR 2			Embedded Systems PBL 1
16						
17	Mathematics I					
18	Mathematics I VL 4					
19	Mathematics I HŪ 2		Mathematics III	Mathematics IV	Introduction to Control Systems	Bachelor thesis (dual study program)
20	Mathematics I GÜ 2		Analysis III VL 2	Complex Functions VL 2	Introduction to Control Systems VL 2	bachelor thesis (dual study program)
			Analysis III GÜ 1	Complex Functions GÜ 1	Introduction to Control Systems GÜ 2	
21		Computer Science for Engineers - Programming Concepts, Data Handling & Communication	Analysis III HÜ 1	Complex Functions HÜ 1		
22		Computer Science for Engineers - Programming VL 3	Differential Equations 1 VL 2 Differential Equations 1 GÜ 1	Differential Equations 2 VL 2 Differential Equations 2 GÜ 1		
23		Concepts, Data Handling & Communication	Differential Equations 1 HÜ 1	Differential Equations 2 HŪ 1		
24		Computer Science for Engineers - Programming GÜ 2 Concepts, Data Handling & Communication				
25	Computer Science for Engineers - Introduction and	Concepts, Data Handling & Communication		Practical module 4 (dual study program, Bachelor's	Practical module 5 (dual study program, Bachelor's	
26	Overview			degree)	degree)	
27	Computer Science for Engineers - Introduction VL 3 and Overview	Practical module 2 (dual study program, Bachelor's	Practical module 3 (dual study program, Bachelor's	Practical term 4 0	Practical term 5 0	
	Computer Science for Engineers - Introduction GÜ 2	degree)	degree)			
28	and Overview	Practical term 2 0	Practical term 3 0			
29						
30						
31	Practical module 1 (dual study program, Bachelor's			Introduction to Waveguides, Antennas, and	Electrical Power Systems I: Introduction to Electrical	
32	degree) Practical term 1 0			Introduction to Waveguides, Antennas, and VL 3	Power Systems Electrical Power Systems I: Introduction to VL 3	
33	Tractical territ 1	Physics for Engineers (part 2)		Electromagnetic Compatibility	Electrical Power Systems I: Introduction to VL 3 Electrical Power Systems	
34		Physics-Lab for ET PR 1		Introduction to Waveguides, Antennas, and GÜ 2	Electrical Power Systems I: Introduction to GÜ 2	
35				Electromagnetic Compatibility	Electrical Power Systems	
36						

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.