Course of Study Mechatronics (Study Cohort w2 Ophification Compulsory Specialisation Elective Compulsory Specialisation Elective Compulsory Specialisation Elective Compulsory Specialisation Elective Compulsory Interdisciplinary complement

1	Procedural Programming	Electrical Engineering II: Alternating Current Networks	Mechanical Engineering: Design (part 1)		Mechanical Engineering: Design (part 2)		Technical Thermodynamics II		Electrical Machines and Actuators	
2	Procedural Programming VL 1 Procedural Programming HÜ 1	and Basic Devices Electrical Engineering II: Alternating Current VL 3	Embodiment Design and 3D-CAD	VL 2	Team Project Design Methodology	PBL 2		L 2 Ü 1	Electrical Machines and Actuators	VL 3 HÜ 2
3	Procedural Programming HÜ 1 Procedural Programming PR 2	Networks and Basic Devices	Mechanical Design Project I	PBL 3	Mechanical Design Project II	PBL 3		Ü 1	Electrical Machines and Actuators	HU .
4	Troccount Togramming	Electrical Engineering II: Alternating Current GÜ 2	Electrical Engineering III: Circuit Theory an	ч	Production Engineering (part 2)		recimed memodynamics ii			
5		Networks and Basic Devices	Transients		Production Engineering II	VL 2				
			Circuit Theory	VL 3	Production Engineering II	HŪ 1				
6			Circuit Theory	GÜ 2						
7	Electrical Engineering I: Direct Current Networks and	Fundamentals of Mechanical Engineering Design			Technical Thermodynamics I		Foundations of Management		Semiconductor Circuit Design	
8	Electromagnetic Fields	Fundamentals of Mechanical Engineering Design VL 2			Technical Thermodynamics I	VL 2		L 3	Semiconductor Circuit Design	VL 3
9	Electrical Engineering I: Direct Current Networks VL 3 and Electromagnetic Fields	Fundamentals of Mechanical Engineering Design HÜ 2			Technical Thermodynamics I	HÜ 1	Management Tutorial G	Ü 2	Semiconductor Circuit Design	GÜ 1
-	Electrical Engineering I: Direct Current Networks GÜ 2				Technical Thermodynamics I	GÜ 1				
10	and Electromagnetic Fields		Production Engineering (part 1) Production Engineering I	VL 2						
11			Production Engineering I	HÜ 1						
12										
13	Mathematics I	Mechanics II: Mechanics of Materials	Computer Engineering		Signals and Systems		Introduction to Control Systems		Bachelor Thesis	
14	Linear Algebra I VL 2	Mechanics II VL 2	Computer Engineering	VL 3	Signals and Systems	VL 3	Introduction to Control Systems V	'L 2		
15	Linear Algebra I GÜ 1	Mechanics II GÜ 2	Computer Engineering	GÜ 1	Signals and Systems	GÜ 2	Introduction to Control Systems G	Ü 2		
	Linear Algebra I HŪ 1	Mechanics II HÜ 2								
16	Analysis I VL 2 Analysis I GÜ 1									
17	Analysis I HÜ 1									
18										
19		Mathematics II	Mathematics III		Mathematics IV		Measurement Technology for Mechanical Engli	neers		
20		Linear Algebra II VL 2	Analysis III	VL 2	Complex Functions	VL 2		L 2		
		Linear Algebra II GÜ 1	Analysis III	GÜ 1	Complex Functions	GÜ 1	Engineering			
21	Mechanics I (Statics) Mechanics I VL 2	Linear Algebra II HÜ 1	Analysis III	HÜ 1	Complex Functions	HŪ 1	Measurement Technology for Mechanical H Engineering	Ü 1		
22	Mechanics I GÜ 2	Analysis II VL 2	Differential Equations 1	VL 2	Differential Equations 2	VL 2		R 2		
23	Mechanics I HÜ 1	Analysis II HÜ 1 Analysis II GÜ 1	Differential Equations 1 Differential Equations 1	GÜ 1 HÜ 1	Differential Equations 2 Differential Equations 2	GÜ 1 HŪ 1	Systems	2		
24		74101355	Sincrendal Equations 1	110 1	Sinci cittai Equations 2	110 1				
25					Mechanics IV (Oscillations, Analytical Mec	hanics	Simulation and Design of Mechatronic Systems	e		
26					Multibody Systems, Numerical Mechanics		Simulation and Design of Mechatronic Systems V			
					Mechanics IV	VL 3	Simulation and Design of Mechatronic Systems H	Ü 1		
27	Fundamentals of Materials Science (part 1)	Fundamentals of Materials Science (part 2)	Mechanics III (Dynamics)		Mechanics IV	GÜ 2	Simulation and Design of Mechatronic Systems P	R 1		
28	Fundamentals of Materials Science I VL 2 Physical and Chemical Basics of Materials Science VL 2	Fundamentals of Materials Science II VL 2	Mechanics III Mechanics III	VL 3 GÜ 2	Mechanics IV	HŪ 1				
29	rnysical and chemical basics of materials science VL 2		Mechanics III	GU 2 HÜ 1						
30										
31										
32										

Non-technical Courses for Bachelors (from catalogue) - 6LP

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