Course of Study Mechatronics (Study Cohort w1904 | Specialisation Compulsory | Specialisation Compulsory | Specialisation Elective Compulsory | Specialisation

	Procedural Programming	Electrical Engineering II: Alternating Current Networks	Machanical Engineerings Design (1-1-1)		Machanical Engineering Design (next 2)		Technical Thormodynamics II		Electrical Machines and Actuators	
	Procedural Programming Procedural Programming VL 1	and Basic Devices	Mechanical Engineering: Design (part 1) Embodiment Design and 3D-CAD	VL 2	Mechanical Engineering: Design (part 2) Team Project Design Methodology	PBL 2	Technical Thermodynamics II Technical Thermodynamics II	VL 2	Electrical Machines and Actuators Electrical Machines and Actuators	VL
	Procedural Programming HÜ 1	Electrical Engineering II: Alternating Current VL 3	Mechanical Design Project I	PBL 3	Mechanical Design Project II	PBL 3	Technical Thermodynamics II	HÜ 1	Electrical Machines and Actuators	ΗÜ
	Procedural Programming PR 2	Networks and Basic Devices	Meetidined Design Frojecci	102 3	incertained besign risject ii	102 3		GÜ 1	Electrical Fidelinies and Actuators	
		Electrical Engineering II: Alternating Current GÜ 2	Electrical Engineering III: Circuit Theory ar	nd	Production Engineering (part 2)		i di			
5		Networks and Basic Devices	Transients		Production Engineering II	VL 2				
			Circuit Theory	VL 3	Production Engineering II	HÜ 1				
5			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	
3	Electromagnetic Fields	Fundamentals of Mechanical Engineering Design VL 2			Technical Thermodynamics I	VL 2	Introduction to Management	VL 3	Semiconductor Circuit Design	VL
)	Electrical Engineering I: Direct Current Networks VL 3 and Electromagnetic Fields	Fundamentals of Mechanical Engineering Design HÜ 2			Technical Thermodynamics I	HŪ 1	Management Tutorial	GÜ 2	Semiconductor Circuit Design	GŪ
	Electrical Engineering I: Direct Current Networks GÜ 2				Technical Thermodynamics I	GÜ 1				
.0	and Electromagnetic Fields		Production Engineering (part 1)	VII 2						
.1			Production Engineering I Production Engineering I	VL 2 HÜ 1						
.2			Troudction Engineering 1	110 1						
.3	Mathematics I	Mechanics II: Mechanics of Materials	Computer Engineering		Signals and Systems		Introduction to Control Systems		Bachelor Thesis	
4	Linear Algebra I VL 2	Mechanics II VL 2	Computer Engineering	VL 3	Signals and Systems	VL 3	Introduction to Control Systems	VL 2		
	Linear Algebra I GÜ 1	Mechanics II GÜ 2	Computer Engineering	GÜ 1	Signals and Systems	GÜ 2	Introduction to Control Systems	GÜ 2		
.5	Linear Algebra I HÜ 1	Mechanics II HÜ 2								
.6	Analysis I VL 2									
.7	Analysis I GÜ 1									
.8	_ Analysis I HŪ 1									
.9		Mathematics II	Mathematics III		Mathematics IV		Measurement Technology for Mechanical En	-1		
		Linear Algebra II VL 2	Analysis III	VL 2	Complex Functions	VL 2	Measurement Technology for Mechanical Measurement Technology for Mechanical	VL 2		
20		Linear Algebra II GÜ 1	Analysis III	GÜ 1	Complex Functions	GÜ 1	Engineering			
21	Mechanics I (Statics)	Linear Algebra II HÜ 1	Analysis III	HÜ 1	Complex Functions	HÜ 1	Measurement Technology for Mechanical	HÜ 1		
22	Mechanics I VL 2	Analysis II VL 2	Differential Equations 1	VL 2	Differential Equations 2	VL 2	Engineering			
23	Mechanics I GÜ 2	Analysis II HÜ 1	Differential Equations 1	GÜ 1	Differential Equations 2	GÜ 1	Practical Course: Measurement and Control Systems	PR 2		
24	Mechanics I HŪ 1	Analysis II GÜ 1	Differential Equations 1	HÜ 1	Differential Equations 2	HŪ 1	Systems			
:5					Mechanics IV (Oscillations, Analytical Mechanics IV)	nanics,	Simulation and Design of Mechatronic Syste			
6					Multibody Systems, Numerical Mechanics) Mechanics IV	VL 3	Simulation and Design of Mechatronic Systems			
7	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 Simulation and Design of Mechatronic Systems			
28	Fundamentals of Materials Science I VL 2	Fundamentals of Materials Science II VL 2	Mechanics III	VL 3	Mechanics IV	HÜ 1	and besign of meetideonic systems			
	Physical and Chemical Basics of Materials Science VL 2		Mechanics III	GÜ 2						
29			Mechanics III	HÜ 1						
30										
31										
12	1									

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