Course of Study Mechatronics (Study Cohort w1 80 | Million Compulsory Corporation Elective Compulsory Specialisation Elective Compulsory Interdisciplinary complement Interdisciplinary Comp

Sample	sourse plan A Bachelor Mechatron	icse(MECBS) Form Hr	/wk Semester 3	Form Hrs/wk	Semester 4	Form Hrs/wk	Semester 5 Form Hrs/w	k Semester 6	Form Hrs/wk
1	Procedural Programming	Electrical Engineering II: Alternating Current Netwo			Mechanical Engineering: Design (part 2)		Technical Thermodynamics II	Electrical Machines and Actuators	
2	Procedural Programming VL 1	and Basic Devices	Embodiment Design and 3D-CAD	VL 2	Team Project Design Methodology	PBL 2	Technical Thermodynamics II VL 2	Electrical Machines and Actuators	VL 3
3	Procedural Programming HÜ 1	Electrical Engineering II: Alternating Current VL Networks and Basic Devices	Mechanical Design Project I	PBL 3	Mechanical Design Project II	PBL 3	Technical Thermodynamics II HÜ 1	Electrical Machines and Actuators	HÜ 2
4	Procedural Programming PR 2	Electrical Engineering II: Alternating Current GÜ	2				Technical Thermodynamics II GÜ 1		
_		Networks and Basic Devices	Electrical Engineering III: Circuit Theory a Transients	and	Production Engineering (part 2) Production Engineering II	VL 2			
5			Circuit Theory	VL 3	Production Engineering II	HÜ 1			
6			Circuit Theory	GŪ 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	Introduction to Management VL 3	Semiconductor Circuit Design	VL 3
9	Electrical Engineering I: Direct Current Networks VL 3	Fundamentals of Mechanical Engineering Design HÜ	2		Technical Thermodynamics I	HŪ 1	Management Tutorial GÜ 2	Semiconductor Circuit Design	GÜ 1
-	and Electromagnetic Fields 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			Trouberon Engineering (110 1					
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	Computer Engineering	VL 3	Signals and Systems	VL 3	Introduction to Control Systems VL 2		
15	Linear Algebra I GÜ 1	Mechanics II GÜ	Computer Engineering	GÜ 1	Signals and Systems	GÜ 2	Introduction to Control Systems GÜ 2		
	Linear Algebra I HÜ 1	Mechanics II HÜ	2						
16	Analysis I VL 2 Analysis I GÜ 1								
17	Analysis I HÜ 1								
18	7.1.1.1.2.1								
19		Mathematics II	Mathematics III		Mathematics IV		Measurement Technology for Mechanical Engineers		
20		Linear Algebra II VL	Analysis III	VL 2	Complex Functions	VL 2	Measurement Technology for Mechanical VL 2		
		Linear Algebra II GÜ	Analysis III	GÜ 1	Complex Functions	GÜ 1	Engineering		
21	Mechanics I (Statics)	Linear Algebra II HÜ		HÜ 1	Complex Functions	HŪ 1	Measurement Technology for Mechanical HÜ 1		
22	Mechanics I VL 2 Mechanics I GÜ 2	Analysis II VL		VL 2	Differential Equations 2	VL 2	Engineering		
23	Mechanics I GÜ 2 Mechanics I HÜ 1	Analysis II HÜ	Differential Equations 1	GÜ 1	Differential Equations 2	GÜ 1	Practical Course: Measurement and Control PR 2 Systems		
24	The Later of the L	Analysis II GÜ	Differential Equations 1	HÜ 1	Differential Equations 2	HÜ 1			
25					Markania IV (Vinaklas II. Osalilaklasa Assa	t. et t	Characteristics and Bankon of Manhatanala Cantana		
					Mechanics IV (Kinetics II, Oscillations, Ana Mechanics, Multibody Systems)	ilytical	Simulation and Design of Mechatronic Systems Simulation and Design of Mechatronic Systems VL 2		
26					Mechanics IV	VL 3	Simulation and Design of Mechatronic Systems VL 2 Simulation and Design of Mechatronic Systems HÜ 1		
27	Fundamentals of Materials Science (part 1)	Fundamentals of Materials Science (part 2)	Mechanics III (Hydrostatics, Kinematics,	Kinetics I)	Mechanics IV	GÜ 2	Simulation and Design of Mechatronic Systems PR 1		
28	Fundamentals of Materials Science I VL 2	Fundamentals of Materials Science II VL		VL 3	Mechanics IV	HÜ 1			
29	Physical and Chemical Basics of Materials Science VL 2		Mechanics III	GŪ 2					
			Mechanics III	HÜ 1					
30									
31									
32									
	Nontechnical Complementary Courses for B	achelors (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.