Course of Study Mechanical Engineering (Study Cohort w23)

pecia	lisation Mechatronics										
	Mathematics I	Fundamentals of Mechanical Engineering Design	2	Advanced Mechanical Engineering Design (nart 1)	Advanced Mechanical Engineering Design	n (nart 2)	Advanced Mechanical Design Project		Foundations of Management	
	Mathematics I VL 4	Fundamentals of Mechanical Engineering Design VL		Advanced Mechanical Engineering Design I	VL 2	Advanced Mechanical Engineering Design II	VL 2	Advanced Mechanical Design Project	PBL 4	Introduction to Management	VL
	Mathematics I HŪ 2	Fundamentals of Mechanical Engineering Design HÜ		Advanced Mechanical Engineering Design I	HÜ 2	Advanced Mechanical Engineering Design II	HŪ 2			Management Tutorial	GÜ
	Mathematics I GÜ 2										
				Mechanical Engineering: Design (part 1)		Mechanical Engineering: Design (part 2)					
				Embodiment Design and 3D-CAD Introduction	VL 2	Team Project Design Methodology	PBL 2				
				and Practical Training		Mechanical Design Project II	PBL 3				
				Mechanical Design Project I	PBL 3						
		Technical Thermodynamics I		Basics of Electrical Engineering		Fluid Dynamics		Introduction to Control Systems		Semiconductor Circuit Design	
		The state of the s	2	Basics of Electrical Engineering	VL 3	Fluid Mechanics	VL 3	Introduction to Control Systems	VL 2	Semiconductor Circuit Design	VL
	Fundamentals of Materials Science	Technical Thermodynamics I HÜ Technical Thermodynamics I GÜ	1	Basics of Electrical Engineering	GÜ 2	Fluid Mechanics	HÜ 2	Introduction to Control Systems	GÜ 2	Semiconductor Circuit Design	GŪ
.0	Fundamentals of Materials Science II VL 2	reclinical memodynamics i	1								
	Fundamentals of Materials Science I VL 2										
1	Physical and Chemical Basics of Materials Science VL 2										
2											
3		Production Engineering		Technical Thermodynamics II		Computational Mechanics		Measurement Technology for Mechanical	Engineers	Modeling, Simulation and Optimization (E	N)
4		Production Engineering I VL	2	Technical Thermodynamics II	VL 2	Computational Multibody Dynamics	IV 2	Measurement Technology for Mechanical	VL 2	Modeling, Simulation and Optimization	IV
		Production Engineering II VL	2	Technical Thermodynamics II	HÜ 1	Computational Mechanics	GÜ 2	Engineering			
5	Team Project MB		1	Technical Thermodynamics II	GÜ 1	Computational Stuctural Mechanics	IV 2	Measurement Technology for Mechanical	PR 2		
6	Team Project MB PBL 6	Production Engineering I HÜ	1					Engineering Practical Course: Measurement and Control	PR 2		
.7								Systems	FR Z		
8								3			
9		Mathematics II		Mathematics III		Mathematics IV				Bachelor Thesis	
0		Mathematics II VL	4	Analysis III	VL 2	Complex Functions	VL 2				
		Mathematics II HÜ	2	Analysis III	GÜ 1	Complex Functions	GÜ 1				
1	Computer Science for Engineers - Introduction and	Mathematics II GÜ	2	Analysis III	HÜ 1	Complex Functions	HŪ 1				
2	Overview Computer Science for Engineers - Introduction VL 3			Differential Equations 1	VL 2	Differential Equations 2	VL 2				
3	and Overview			Differential Equations 1	GÜ 1	Differential Equations 2	GÜ 1				
4	Computer Science for Engineers - Introduction GÜ 2			Differential Equations 1	HÜ 1	Differential Equations 2	HÜ 1				
	and Overview										
5						Fundamentals of Production and Quality Production Process Organization	Management VL 2				
6						- Quality Management	VL 2				
7	Engineering Mechanics I (Stereostatics)	Engineering Mechanics II (Elastostatics)		Engineering Mechanics III (Dynamics)							
8	Engineering Mechanics I VL 2		2	Engineering Mechanics III	VL 3						
9	Engineering Mechanics I GÜ 2	Engineering Mechanics II GÜ		Engineering Mechanics III	GÜ 2						
	Engineering Mechanics I HŪ 1	Engineering Mechanics II HÜ	2	Engineering Mechanics III	HÜ 1						
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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.