Course of Study Mechanical Engineering (Study Cohort w18)

	,				- 3		re Qualification Compulsory	Specialisation Compulsory	Focus Compuls		
	e course plan A Bachelor Mechanical					Co	re Qualification Elective Con	Specialisation Elective Compulsory	Focus Elective	Compulsory Interdisciplinary comp	plement
ecia	isation Materials in Engineering Scien	ା୍କେ ≨ _{ster 2}	Form Hrs/wk	Semester 3	Form Hrs/wk	Semester 4	Form Hrs/wk	Semester 5	Form Hrs/wk	Semester 6	Form Hrs
	Production Engineering (part 1)	Production Engineering (part 2)		Advanced Mechanical Engineering Design	(part 1)	Advanced Mechanical Engineer	ing Design (part 2)	Advanced Mechanical Design Project		Foundations of Management	
	Production Engineering I VL 2	Production Engineering II	VL 2	Advanced Mechanical Engineering Design I	VL 2	Advanced Mechanical Engineering	Design II VL 2	Advanced Mechanical Design Project	PBL 4	Introduction to Management	VL 3
	Production Engineering I HŪ 1	Production Engineering II	HÜ 1	Advanced Mechanical Engineering Design I	HÜ 2	Advanced Mechanical Engineering	Design II HÜ 2			Management Tutorial	GŪ 2
3											
4	Computer Science for Mechanical Engineers	Fundamentals of Materials Science (part 2))	Mechanical Engineering: Design (part 1)		Mechanical Engineering: Design	n (part 2)				
5	Computer Science for Mechanical Engineers VL 3	Fundamentals of Materials Science II	VL 2	Embodiment Design and 3D-CAD	VL 2	Team Project Design Methodology	PBL 2				
	Computer Science for Mechanical Engineers GÜ 2			Mechanical Design Project I	PBL 3	Mechanical Design Project II	PBL 3				
6		Fundamentals of Mechanical Engineering D									
7		Fundamentals of Mechanical Engineering Design Fundamentals of Mechanical Engineering Design		Basics of Electrical Engineering		Fluid Dynamics		Introduction to Control Systems		Structural Materials (part 2)	
3		Fundamentals of Mechanical Engineering Design	1 HU 2	Basics of Electrical Engineering	VL 3	Fluid Mechanics	VL 3	Introduction to Control Systems	VL 2	Fundamentals of Mechanical Properties of	VL 2
)				Basics of Electrical Engineering	GŪ 2	Fluid Mechanics	HŪ 2	Introduction to Control Systems	GÜ 2	Materials	
-											
LO	Mathematics I									Enhanced Fundamentals of Materials Sc	
.1	Linear Algebra I VL 2									Enhanced Fundamentals: Metals	VL 2
12	Linear Algebra I GÜ 1	Technical Thermodynamics I								Enhanced Fundamentals: Ceramics and	VL 2
	Linear Algebra I HŪ 1	Technical Thermodynamics I	VL 2							Polymers Enhanced Fundamentals: Ceramics and	HÜ 1
13	Analysis I VL 2 Analysis I GÜ 1	Technical Thermodynamics I	HÜ 1	Technical Thermodynamics II		Mechanics IV (Kinetics II, Oscill		Measurement Technology for Mechanica	-	Polymers	HU 1
.4	Analysis I GÜ 1 Analysis I HÜ 1	Technical Thermodynamics I	GÜ 1	Technical Thermodynamics II	VL 2	Mechanics, Multibody Systems		Measurement Technology for Mechanical	VL 2		
.5				Technical Thermodynamics II	HÜ 1	Mechanics IV Mechanics IV	VL 3 GÜ 2	Engineering Measurement Technology for Mechanical	HÜ 1		
				Technical Thermodynamics II	GÜ 1	Mechanics IV	HŪ 1	Engineering	HO I		
16						Mechanics IV	110 1	Practical Course: Measurement and Control	PR 2	Bachelor Thesis	
17								Systems			
18	Mechanics I (Statics)	Mechanics II: Mechanics of Materials									
19	Mechanics I VL 2	Mechanics II	VL 2	Mathematics III		Electrical Machines and Actuate	ors	Structural Materials (part 1)			
	Mechanics I GÜ 2	Mechanics II	GÜ 2	Analysis III	VL 2	Electrical Machines and Actuators	VL 3	Welding Technology	VL 3		
20	Mechanics I HŪ 1	Mechanics II	HÜ 2	Analysis III	GŪ 1	Electrical Machines and Actuators	HŪ 2				
21				Analysis III	HÜ 1						
22				Differential Equations 1	VL 2			Material Science Laboratory			
23				Differential Equations 1	GŪ 1			Companion Lecture for Materials Science	VL 2		
				Differential Equations 1	HÜ 1			Laboratory			
24	Fundamentals of Materials Science (part 1)	Mathematics II						Material Science Laboratory	PR 4		
25	Fundamentals of Materials Science I VL 2	Linear Algebra II	VL 2								
26	Physical and Chemical Basics of Materials Science VL 2	Linear Algebra II	GÜ 1								
		Linear Algebra II	HÜ 1								
27		Analysis II Analysis II	VL 2 HÜ 1	Mechanics III (Hydrostatics, Kinematics, K							
28	Team Project MB	Analysis II Analysis II	GÜ 1	Mechanics III	VL 3						
29	Team Project MB PBL 6		50 1	Mechanics III Mechanics III	GŪ 2 HÜ 1						
30				mechanics III	HUI						
31											
2											
33											
	Nontechnical Complementary Courses for Bac										

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