Course of Study Mechanical Engineering (Study Cohort w17)

	j				- 5		ore Qualification Compulsory	Specialisation Compulsory	Focus Compuls		
	e course plan C Bachelor Mechanical					Co	ore Qualification Elective Con	npulsory Specialisation Elective Compulsory	Focus Elective	Compulsory Interdisciplinary com	nplement
ecia	isation Materials in Engineering Scie	ମକ୍ଟେଲ୍ଲ _{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	ring 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
	Production Engineering I HŪ 1	Production Engineering II	HÜ 1	Advanced Mechanical Engineering Design I	HÜ 2	Advanced Mechanical Engineering	Design II HŪ 2			Management Tutorial	HÜ :
1											
1	Computer Science for Mechanical Engineers	Fundamentals of Materials Science (part 2))	Mechanical Engineering: Design (part 1)		Mechanical Engineering: Desig	n (part 2)				
5	Computer Science for Mechanical Engineers VL 2	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				
5	Computer Science for Mechanical Engineers HŪ 1	Fundamentals of Mechanical Engineering									
7		Fundamentals of Mechanical Engineering Design		Basics of Electrical Engineering		Fluid Dynamics		Introduction to Control Systems		Structural Materials (part 2)	
8		Fundamentals of Mechanical Engineering Design	n 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
9				Basics of Electrical Engineering	GÜ 2	Fluid Mechanics	HŪ 2	Introduction to Control Systems	GÜ 2	Materials	
0	Mathematics I									Enhanced Fundamentals of Materials So	
1	Linear Algebra I VL 2									Enhanced Fundamentals: Metals	VL :
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 :
13	Analysis I VL 2	Technical Thermodynamics I	HÜ 1	Technical Thermodynamics II		Mechanics IV (Kinetics II, Oscill		Measurement Technology for Mechanica	I and Process	Polymers	HUI
4	Analysis I GÜ 1 Analysis I HÜ 1	Technical Thermodynamics I	GÜ 1	Technical Thermodynamics II	VL 2	Mechanics, Multibody Systems		Engineers		rolymeis	
L5	Analysis I HO I	· · · · · · · · · · · · · · · · · · ·		Technical Thermodynamics II	HÜ 1	Mechanics IV Mechanics IV	VL 3 GÜ 2	Measurement Technology for Mechanical and Process Engineers	VL 2		
				Technical Thermodynamics II	GÜ 1	Mechanics IV Mechanics IV	GU 2 HŪ 1	Measurement Technology for Mechanical and	HÜ 1		
16						Mechanics IV	HOI	Process Engineers		Bachelor Thesis	
17								Practical Course: Measurement and Control	PR 2		
18	Mechanics I (Statics)	Mechanics II: Mechanics of Materials						Systems			
19	Mechanics I VL 2	Mechanics II	VL 2								
	Mechanics I GÜ 2	Mechanics II	GÜ 2	Mathematics III	VL 2	Advanced Materials Advanced Materials Characterization	on VL 2	Structural Materials (part 1) Welding Technology	VL 3		
20	Mechanics I HŪ 1	Mechanics II	HÜ 2	Analysis III Analysis III	GŪ 1	Advanced Materials Characterization	VL 2 VL 2	weiding rechnology	VL 3		
21				Analysis III	HÜ 1	Advanced Materials Design	VL 2 HŪ 2				
22				Differential Equations 1	VL 2	· · · · · · · · · · · · · · · · · · ·		Material Science Laboratory			
				Differential Equations 1	GŪ 1			Companion Lecture for Materials Science	VL 2		
23				Differential Equations 1	HÜ 1			Laboratory	VL 2		
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	VL 2	Mechanics III (Hydrostatics, Kinematics, K	(inetics I)						
8	Team Project MB	Analysis II	HÜ 1 GÜ 1	Mechanics III	VL 3						
29	Team Project MB TT 6	Analysis II	GU 1	Mechanics III	GŨ 2						
				Mechanics III	HÜ 1						
30											
31											
2											
3											

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