## Course of Study General Engineering Science (German program, 7 semester) (Study Cohort w19)

		2			Core Qualification Compulsory Special	isation Compulsory Focus Compulsory	Thesis Compulsory
Sample	course plan A Bachelor Gener	al Engineering Science (Germ	an program, 7 semester) (AIWBS	5(7))	Core Qualification Elective Compulsory Special	isation Elective Compulsory Focus Elective Compuls	ory Interdisciplinary complement
Special	isation Mechanical Engineering	Focus Product Development	and Production				
1	Chemistry	Electrical Engineering II: Alternating Current	Technical Thermodynamics II	Signals and Systems	Introduction to Control Systems	Foundations of Management	Advanced Internship AIW/ ES
2	Chemistry I VL 2	Networks and Basic Devices	Technical Thermodynamics II VL 2	Signals and Systems VL 3	Introduction to Control Systems VL 2	Introduction to Management VL 3	Advanced Internship AIW/ ES: SE 1
3	Chemistry II VL 2	Electrical Engineering II: Alternating VL 3	Technical Thermodynamics II HÜ 1	Signals and Systems GÜ 2	Introduction to Control Systems GÜ 2	Management Tutorial GŪ 2	Preparation
-	Chemistry I HÜ 1	Current Networks and Basic Devices Electrical Engineering II: Alternating GÜ 2	Technical Thermodynamics II GŪ 1				Advanced Intenship AIW/ ES: Internship- SE 1
4	Chemistry II HÜ 1	Electrical Engineering II: Alternating GÜ 2 Current Networks and Basic Devices					accompanying Seminar
5		Current Networks and Basic Devices					
6							
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7	Electrical Engineering I: Direct Current	Fundamentals of Mechanical Engineering	Mathematics III	Fluid Dynamics	Computer Engineering	Integrated Product Development and	
8	Networks and Electromagnetic Fields	Design	Analysis III VL 2	Fluid Mechanics VL 3	Computer Engineering VL 3	Lightweight Design	
9	Electrical Engineering I: Direct Current VL 3	Fundamentals of Mechanical Engineering VL 2	Analysis III GÜ 1	Fluid Mechanics HÜ 2	Computer Engineering GÜ 1	Integrated Product Development I VL 2	
9	Networks and Electromagnetic Fields	Design	Analysis III HÜ 1			Development of Lightweight Design VL 2	
10	Electrical Engineering I: Direct Current GÜ 2	Fundamentals of Mechanical Engineering HÜ 2	Differential Equations 1 VL 2			Products	
11	Networks and Electromagnetic Fields	Design	Differential Equations 1 GÜ 1			CAE-Team Project PBL 2	
			Differential Equations 1 HÜ 1				
12							
13	Mathematics I	Technical Thermodynamics I		Mechanics IV (Oscillations, Analytical	Measurement Technology for Mechanical	Fundamentals of Production and Quality	
14	Linear Algebra I VL 2	Technical Thermodynamics I VL 2		Mechanics, Multibody Systems, Numerical	Engineers	Management	
	Linear Algebra I GŪ 1	Technical Thermodynamics I HÜ 1		Mechanics)	Measurement Technology for Mechanical VL 2	Production Process Organization VL 2	
15	Linear Algebra I HÜ 1	Technical Thermodynamics I GŪ 1	Mechanics III (Dynamics)	Mechanics IV VL 3	Engineering	Quality Management VL 2	
16	Analysis I VL 2		Mechanics III VL 3	Mechanics IV GŪ 2	Measurement Technology for Mechanical HÜ 1		
17	Analysis I GŪ 1		Mechanics III GŪ 2	Mechanics IV HÜ 1	Engineering		
	Analysis I HÜ 1		Mechanics III HÜ 1		Practical Course: Measurement and PR 2 Control Systems		
18					Control Systems		
19		Mechanics II: Mechanics of Materials		Mechanical Engineering: Design (part 2)	Advanced Mechanical Design Project	Production Engineering (part 2)	Bachelor Thesis
20		Mechanics II VL 2		Team Project Design Methodology PBL 2	Advanced Mechanical Design Project PBL 4	Production Engineering II VL 2	
		Mechanics II GŪ 2		Mechanical Design Project II PBL 3		Production Engineering II HÜ 1	
21	Mechanics I (Statics)	Mechanics II HÜ 2	Mechanical Engineering: Design (part 1)				
22	Mechanics I VL 2		Embodiment Design and 3D-CAD VL 2	Fundamentals of Materials Science (part 2)			
23	Mechanics I GŨ 2 Mechanics I HŨ 1		Mechanical Design Project I PBL 3	Fundamentals of Materials Science II VL 2			
	Mechanics I HÜ 1						
24			Fundamentals of Materials Science (part 1)	Advanced Mechanical Engineering Design			
25		Mathematics II	Fundamentals of Materials Science I VL 2	(part 2) Advanced Mechanical Engineering VL 2	Production Engineering (part 1)		
26		Linear Algebra II VL 2	Physical and Chemical Basics of Materials VL 2 Science	Advanced Mechanical Engineering VL 2 Design II	Production Engineering I VL 2		
		Linear Algebra II GÜ 1	Science	Advanced Mechanical Engineering HÜ 2	Production Engineering I HÜ 1		
		Linear Algebra II HÜ 1		Design II			
27	Programming in C	Analysis II VL 2					
	Programming in C VL 1	Analysis II HÜ 1					
28	Programming in C PR 1	Analysis II GÜ 1	Advanced Mechanical Engineering Design		Production Technology		
20			(part 1)		Forming and Cutting Technology VL 2		
29	Physics for Engineers (AIW)		Advanced Mechanical Engineering VL 2 Design I		Forming and Cutting Technology HÜ 1		
30	Physics for Engineers VL 2 Physics for Engineers GŪ 1		Advanced Mechanical Engineering HÜ 2		Fundamentals of Machine Tools VL 2		
	Physics for Engineers GÜ 1		Design I		Fundamentals of Machine Tools HÜ 1		
31							
32							
33							
	Non tochnical Courses for Pachalars (fr	rom cataloguo) 61 P					
	Non-technical Courses for Bachelors (fr						

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