**Course of Study General Engineering Science (German program, 7 semester)** (Study Cohort w20)

Core Qualification Compulsory

Chemistry I+II HÜ 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 GÜ 2 Preparation		_				Core Qualification Compulsory Speciali	sation Compulsory Focus Compulsory	Thesis Compulsory
Control   Cont	Sample	course plan A Bachelor Gener	al Engineering Science (Germa	n program, 7 semester) (AIWBS	Core Qualification Elective Compulsory Speciali	sation Elective Compulsory Focus Elective Comp	ulsory Interdisciplinary complement	
Control   Cont		•		in program, 7 semiester, (7 mms				
Section   Sect	рреста	isation Mechanical Engineering	, I ocus Mechatronics					
Control   Cont		·		The state of the s				
Accordance   Control of Section   Control of Sect	2		Electrical Engineering II: Alternating VL 3	-		· ·	-	· ·
Continue	3		Current Networks and Basic Devices	-				Advanced Intenship AIW/ ES: Internship- SE 1
Control Registration	4		Electrical Engineering II: Alternating GÜ 2	· ·				accompanying Seminar
	_		Current Networks and Basic Devices					
Mathematic Mechanic	5							
Material Microsian Standing Northernous   1	6							
Methods of Richards and Richards   Methods of Richards of Richards of Richards   Methods	7	Electrical Engineering I: Direct Current	Fundamentals of Mechanical Engineering	Mathematics III	Fluid Dynamics	Measurement Technology for Mechanical	Electrical Machines and Actuators	
Method and Entertomogene Plane	•							
Methods and Entermospheric Price   1	8	Electrical Engineering I: Direct Current VL 3	Fundamentals of Mechanical Engineering VL 2			Measurement Technology for Mechanical VL 2		
Network of Extensional Francis   Part   Pa	9	Networks and Electromagnetic Fields	Design			Engineering		
Markows and Electromagnets Fields	10	Electrical Engineering I: Direct Current GÜ 2	Fundamentals of Mechanical Engineering HÜ 2	Differential Equations 1 VL 2		Measurement Technology for Mechanical HÜ 1		
Michaelis   Mich	-	Networks and Electromagnetic Fields	Design	· ·				
Mathematics 1	11			Differential Equations 1 HÜ 1				
Manife	12					Control Systems		
Manife	13	Mathematics I	Tachnical Thermodynamics I		Machanics IV (Oscillations, Analytical	Electrical Engineering III: Circuit Theory and	Semiconductor Circuit Design	
Lear Applicat   March   Marc								
Mechanics   Mapping   Mechanics   Mechan	14						The state of the s	
Mechanics   Mech	15	-	The state of the s	Mechanics III (Dynamics)	Mechanics IV VL 3		Semiconductor circuit besign	
Adaylasis	16			Mechanics III VL 3	Mechanics IV GÜ 2			
Adjustify Horizon Healt of the Computer Engineering Design (gars.)  Advanced Mechanical Engineering Design (gars.)  Mechanics 1 (Statics) Mechanics 1 (Sta		· ·		Mechanics III GÜ 2	Mechanics IV HÜ 1			
Mathematic   Mat	17	Analysis I HÜ 1		Mechanics III HÜ 1				
Mechanics   Statics   Statics   Mechanics   Statics	18							
Mechanics   Statics   Statics   Mechanics   Statics	19		Machanics II: Machanics of Materials		Advanced Mechanical Engineering Design	Computer Engineering	Mathematics IV	Rachalor Thesis
Mechanics   Statistos   Statistos   Statistos   Statistos   Mechanics   Statistos   Stat						· · · · · ·		Buchelol Thesis
Mechanics   Mech	20							
Mechanics   Mech	21	Mechanics I (Statics)		Advanced Mechanical Engineering Design	Design II	, 3 3		
Mechanics   Mech		Mechanics I VL 2		(part 1)	Advanced Mechanical Engineering HÜ 2		Differential Equations 2 VL 2	
Advanced Mechanical Engineering: Design   Ho   2   Advanced Mechanical Engineering: Design   Ho   2   Mechanical Engineering: Design   Ho   2   Team Project Design   Ho   2   Mechanical Design Project II   PBL   3		Mechanics I GÜ 2			Design II		Differential Equations 2 GÜ 1	
Parametric   Par	22	Mechanics I HÜ 1			Mechanical Engineering: Design (part 2)		Differential Equations 2 HÜ 1	
Mathematics	23				Team Project Design Methodology PBL 2			
Mathematics II  Mathematics II  Mathematics II  Mathematics II  Linear Algebra II  Linear					Mechanical Design Project II PBL 3			
25   Mathematics II   M	24							
26 Programming in C Linear Algebra II 90 1 Physics for Engineers (AIW)  30 Physics for Engineers VL 2 Physics for Engineers QL 2 Physics QL 2 Ph	25		Mathematics II		Fundamentals of Materials Science (part 2)	Numerical Mathematics I		
Programming in C Linear Algebra II GG 1 Linear Algebra II GG 2 Linea	26		Linear Algebra II VL 2	Mechanical Design Project I PBL 3	Fundamentals of Materials Science II VL 2	Numerical Mathematics I VL 2		
Programming in C VL 1 Analysis II VL 2 Fundamentals of Materials Science I VL 2 Programming in C PR 1 Analysis II Nulsia II VL 2 Physics for Engineers (AIW)  Physics for Engineers WL 2 Physics for Engineers WL 2 The p			Linear Algebra II GÜ 1			Numerical Mathematics I GÜ 2		
Programming in C PR 1 Analysis II HÜ 1 Physical and Chemical Basics of Materials VL 2  Physics for Engineers (AW) Analysis II GÜ 1 Science  Analysis II GÜ 1 Science  Science  Science  Science	27		Linear Algebra II HÜ 1					
29 Physics for Engineers (AIW) 30 Physics for Engineers VL 2 Physics for Engineers GÜ 1 31 Science  Science  Science  Science  Science	28		Analysis II VL 2					
Physics for Engineers (AIW)  Analysis if GU 1  Physics for Engineers VL 2  Physics for Engineers GÜ 1  Analysis if GU 1		Programming in C PR 1	Analysis II HÜ 1					
31 Physics for Engineers GÜ 1	29	Physics for Engineers (AIW)	Analysis II GÜ 1	Science				
31 Physics for Engineers GÜ 1	30							
		Physics for Engineers GÜ 1						
32	31							
	32							
Non-technical Courses for Bachelors (from catalogue) - 6LP		Non-technical Courses for Bachelors (fi	rom 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.