Course of Study General Engineering Science (German program, 7 semester) (Study Cohort w21)

	Core Qualification Compulsory Specialisat	tion Compulsory Focus Compulsory	Thesis Compulsory
ample course plan B Bachelor General Engineering Science (German program, 7 semester) (AlWBS(7))	Core Qualification Elective Compulsory Specialisat	tion Elective Compulsory Focus Elective Compuls	ory Interdisciplinary complement
ecialisation Mechanical Engineering, Focus Product Development and Production			
Chemistry Electrical Engineering II: Alternating Current Technical Thermodynamics II Signals and Systems		Foundations of Management	Advanced Internship AIW/ ES
Chemistry I+II V.L. 4 Networks and Basic Devices Technical Thermodynamics II V.L. 2 Signals and Systems V.L. 3		Introduction to Management VL 3	Advanced Internship AIW/ ES: SE
Chemistry I+II HÜ 2 Electrical Engineering II: Alternating VL 3 Technical Thermodynamics II HÜ 1 Signals and Systems GÜ 2  Current Networks and Basic Devices Technical Thermodynamics II GÜ 1	Introduction to Control Systems GÜ 2	Management Tutorial GÜ 2	Preparation  Advanced Intenship AIW/ ES: Internship- SE
Current Networks and Basic Devices Technical Thermodynamics II GÜ 1  Electrical Engineering II: Alternating GÜ 2			accompanying Seminar
Current Networks and Basic Devices			
7 Electrical Engineering I: Direct Current Fundamentals of Mechanical Engineering Mathematics III Fluid Dynamics	Measurement Technology for Mechanical	Digital Product Development and Lightweight	
Networks and Electromagnetic Elide		Design	
Electrical Enjinering I: Direct Current VL 3 Fundamentals of Mechanical Engineering VL 2 Analysis III GÜ 1 Fluid Mechanics HÜ 2		Digital Product Development VL 2	
Networks and Electromagnetic Fields Design Analysis III HÜ 1		Development of Lightweight Design VL 2	
Electrical Engineering I: Direct Current GÜ 2 Fundamentals of Mechanical Engineering HÜ 2 Differential Equations 1 VL 2	Measurement Technology for Mechanical PR 2	Products	
Networks and Electromagnetic Fields Design Differential Equations 1 GÜ 1		CAE-Team Project PBL 2	
11 Differential Equations 1 HÜ 1	Practical Course: Measurement and PR 2		
	Control Systems		
13 Mathematics I Technical Thermodynamics I Computational Mechanics	Advanced Mechanical Design Project	Production Engineering	
Linear Algebra I VL 2 Technical Thermodynamics I VL 2 Computational Multibody Dynamics IV 2	Advanced Mechanical Design Project PBL 4	Production Engineering I VL 2	
Linear Algebra I GÜ 1 Technical Thermodynamics I HÜ 1 Computational Mechanics GÜ 2		Production Engineering II VL 2	
Linear Algebra I HÜ 1 Technical Thermodynamics I GÜ 1 Engineering Mechanics III (Dynamics) Computational Stuctural Mechanics IV 2		Production Engineering II HÜ 1	
Analysis I VL 2 Engineering Mechanics III VL 3		Production Engineering I HÜ 1	
Analysis I GÜ 1 Engineering Mechanics III GÜ 2  17 Analysis I HÜ 1  Engineering Mechanics III HÜ 1			
Analysis I HU 1			
Mechanics II: Mechanics of Materials  Advanced Mechanical Engineering Design		Fundamentals of Production and Quality	Bachelor Thesis
Mechanics II VL 2 (part 2)		Management	
Mechanics I GÜ 2 Advanced Mechanical Engineering VL 2  Mechanics I (Statics) Mechanics I (Statics) Mechanics I Mec		Production Process Organization VL 2	
Mechanics I (Statics)  Mechanics II  Mechani	Fundamentals of Machine Tools VL 2 Fundamentals of Machine Tools HÜ 1	Quality Management VL 2	
Mechanics I GÜ 2 Advanced Mechanical Engineering VL 2 Design II	rundamentals of Machine Tools HO 1		
22 Mechanics I HÚ 1 Design I Mechanical Engineering: Design (part 2)			
Advanced Mechanical Engineering HÜ 2 Team Project Design Methodology PBL 2			
Design I Design Project II PBL 3			
Mechanical Engineering: Design (part 1)			
Mathematics II Embodiment Design and 3D-CAD VL 2 Fundamentals of Materials Science (part 2)			
	Materials Science Laboratory		
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Linear Algebra II VL 2 Linear Algebra III GÜ 1 Linear Algebra III GÜ 1 Linear Algebra III HÜ 1 Fundamentals of Materials Science (part 1) Fundamentals of Materials Science (part 1)	Companion Lecture for Materials Science VL 2		
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Linear Algebra II VL 2 Linear Algebra II GÜ 1  Computer Science for Engineers Introduction and Overview Computer Science for Engineers VL 3 Introduction and Overview Analysis II HÜ 1 Physical and Chemical Basics of Materials VL 2 Analysis II GÜ 1 Science	Companion Lecture for Materials Science VL 2 Laboratory		
Linear Algebra II VL 2 Linear Algebra II GÜ 1 Linear Algebra II HÜ 1 Fundamentals of Materials Science (part 1) Fundamentals of	Companion Lecture for Materials Science VL 2 Laboratory		
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