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

_							isation Compulsory Focus Compulsory	Thesis Compulsory
		al Engineering Science (Germar		5(7))		Core Qualification Elective Compulsory Special	isation Elective Compulsory Focus Elective Compul	sory Interdisciplinary complement
ecialisation Mechanical Eng	ineering	, Focus Materials in Engineering	Sciences					
Chemistry		Electrical Engineering II: Alternating Current	Technical Thermodynamics II	Signals and Systems		Introduction to Control Systems	Foundations of Management	Advanced Internship AIW/ ES
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
Chemistry II	VL 2	Electrical Engineering II: Alternating VL 3	Technical Thermodynamics II HÜ 1	Signals and Systems	GŪ 2	Introduction to Control Systems GÜ 2	Management Tutorial GÜ 2	Preparation
Chemistry	HÜ 1	Current Networks and Basic Devices Electrical Engineering II: Alternating GÜ 2	Technical Thermodynamics II GÜ 1					Advanced Intenship AIW/ ES: Internship- SE accompanying Seminar
Chemistry II	HÜ 1	Current Networks and Basic Devices						accompanying Seminar
Electrical Engineering I: Direct Curr	rent	Fundamentals of Mechanical Engineering	Mathematics III	Fluid Dynamics		Computer Engineering	Advanced Materials	
Networks and Electromagnetic Field		Design	Analysis III VL 2	Fluid Mechanics	VL 3	Computer Engineering VL 3	Advanced Materials Characterization VL 2	
Electrical Engineering I: Direct Current Networks and Electromagnetic Fields	VL 3	Fundamentals of Mechanical Engineering VL 2 Design	Analysis III GÜ 1	Fluid Mechanics	HÜ 2	Computer Engineering GÜ 1	Advanced Materials Design VL 2	
Electrical Engineering I: Direct Current	GÜ 2	Fundamentals of Mechanical Engineering HÜ 2	Analysis III HÜ 1 Differential Equations 1 VL 2				Advanced Materials Design HÜ 2	
Networks and Electromagnetic Fields		Design	Differential Equations 1 GÜ 1					
			Differential Equations 1 HÜ 1					
2								
Mathematics I		Technical Thermodynamics I		Mechanics IV (Oscillations, Analyti		Measurement Technology for Mechanical	Enhanced Fundamentals of Materials Science	
4 Linear Algebra I	VL 2	Technical Thermodynamics I VL 2		Mechanics, Multibody Systems, Nu Mechanics)	ımerical	Engineers	Enhanced Fundamentals: Metals VL 2	
5 Linear Algebra I	GÜ 1 HÜ 1	Technical Thermodynamics I HÜ 1 Technical Thermodynamics I GÜ 1	Mechanics III (Dynamics)	Mechanics IV	VL 3	Measurement Technology for Mechanical VL 2 Engineering	Enhanced Fundamentals: Ceramics and VL 2 Polymers	
6 Analysis I	VL 2	reclinical memodynamics 1 GO 1	Mechanics III VL 3	Mechanics IV	GÜ 2	Measurement Technology for Mechanical HÜ 1	Enhanced Fundamentals: Ceramics and HÜ 1	
Analysis I	GÜ 1		Mechanics III GÜ 2	Mechanics IV	HÜ 1	Engineering	Polymers	
Analysis I	HÜ 1		Mechanics III HÜ 1			Practical Course: Measurement and PR 2 Control Systems		
3								
9		Mechanics II: Mechanics of Materials		Mechanical Engineering: Design (p		Numerical Mathematics I	Structural Materials (part 2)	Bachelor Thesis
0		Mechanics II VL 2 Mechanics II GÜ 2		Team Project Design Methodology Mechanical Design Project II	PBL 2 PBL 3	Numerical Mathematics I VL 2 Numerical Mathematics I GÜ 2	Fundamentals of Mechanical Properties of VL 2 Materials	
1 Mechanics I (Statics)		Mechanics II HÜ 2	Mechanical Engineering: Design (part 1)	Meerianical Design Project II	102 3	Numerical Flathering Co. 2		
2 Mechanics I	VL 2		Embodiment Design and 3D-CAD VL 2	Fundamentals of Materials Science	(part 2)		Materials Engineering: Materials Selection,	
Mechanics I Mechanics I	GÜ 2 HÜ 1		Mechanical Design Project I PBL 3	Fundamentals of Materials Science II	VL 2		Processing and Modelling (part 2)	
4	HO I		Fundamentals of Materials Science (part 1)	Advanced Mechanical Engineering	Design		Materials Selection and Processing VL 3 Materials and Process Modeling VL 3	
5			Fundamentals of Materials Science I VL 2	(part 2)	Design.		Materials and Process Modeling VL 3	
		Mathematics II Linear Algebra II VL 2	Physical and Chemical Basics of Materials VL 2	Advanced Mechanical Engineering	VL 2	Structural Materials (part 1) Welding Technology VL 3		
6		Linear Algebra II GŪ 1	Science	Design II Advanced Mechanical Engineering	HÜ 2			
		Linear Algebra II HÜ 1		Design II	nu z			
7 Programming in C		Analysis II VL 2						
Programming in C	VL 1	Analysis II HÜ 1 Analysis II GÜ 1	Advanced Mechanical Engineering Design			Material Science Laboratory		
Programming in C	PR 1	-50 1	(part 1)			Companion Lecture for Materials Science VL 2		
Physics for Engineers (AIW)			Advanced Mechanical Engineering VL 2			Laboratory		
Physics for Engineers	VL 2 GÜ 1		Design I Advanced Mechanical Engineering HÜ 2			Material Science Laboratory PR 4		
Physics for Engineers	GU I		Design I					
1								
2								
3								
4								
						Materials Engineering: Materials Selection, Processing and Modelling		
5						Materials Selection and Processing VL 3		
5						Materials and Process Modeling VL 3		
7								
8								
9								