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

		Alk Engineering Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II			wk Semester 5 Introduction to Control Systems Introduction to Control Systems		Semester 6 Foundations of Management Introduction to Management	FormHrs/wk	
VL 4 HÜ 2	Electrical Engineering II: Alternating Current Networks and Basic Devices Electrical Engineering II: Alternating VL 3 Current Networks and Basic Devices Electrical Engineering II: Alternating GÜ 2	Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II	VL 2 HÜ 1	Signals and Systems Signals and Systems VL	Introduction to Control Systems Introduction to Control Systems		Foundations of Management		
HÜ 2	4 Networks and Basic Devices 2 Electrical Engineering II: Alternating VL 3 Current Networks and Basic Devices Electrical Engineering II: Alternating GÜ 2	Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II	HÜ 1	Signals and Systems VL	Introduction to Control Systems	VL 2			Advanced Internship AIW/ ES
HÜ 2	2 Electrical Engineering II: Alternating VL 3 Current Networks and Basic Devices Electrical Engineering II: Alternating GÜ 2	Technical Thermodynamics II Technical Thermodynamics II	HÜ 1			VL 2	Introduction to Management		
nt s	Current Networks and Basic Devices Electrical Engineering II: Alternating GÜ 2	Technical Thermodynamics II		Signals and Systems GÜ				VL 3	Advanced Internship AIW/ ES: SE
5	Electrical Engineering II: Alternating GÜ 2		GÜ 1		Introduction to Control Systems	GÜ 2	Management Tutorial	GÜ 2	Preparation
5									Advanced Intenship AIW/ ES: Internship- SE accompanying Seminar
5	Current Networks and Dasic Devices								accompanying Seminar
5									
5									
5									
	Fundamentals of Mechanical Engineering Design	Mathematics III		Fluid Dynamics	Measurement Technology for Mech Engineers	nanical	Modeling, Simulation and Optimiza		
VL J		Analysis III	VL 2 GÜ 1	Fluid Mechanics VL : Fluid Mechanics HÜ :	Measurement Technology for Mechanic	al VI 2	Modeling, Simulation and Optimization	IV 4	
	Design VE 2	Analysis III Analysis III	HÜ 1	riuid Mechanics HU .	Engineering	.di VL Z			
GÜ 2		The state of the s	VL 2		Measurement Technology for Mechanic	al HÜ 1			
	Design	Differential Equations 1	GÜ 1		Engineering				
		Differential Equations 1	HÜ 1		Practical Course: Measurement and	PR 2			
		Differential Equations 1	HU I		Control Systems				
	Technical Thermodynamics I			Mechanics IV (Oscillations, Analytical	Numerical Mathematics I		Mathematics IV		
VL 2	-			Mechanics, Multibody Systems, Numerical	Numerical Mathematics I	VL 2	Complex Functions	VL 2	
GÜ 1	1 Technical Thermodynamics I HÜ 1			Mechanics)	Numerical Mathematics I	GÜ 2	Complex Functions	GÜ 1	
HÜ 1	1 Technical Thermodynamics I GÜ 1	Mechanics III (Dynamics)		Mechanics IV VL	Name real matternates i	00 1	Complex Functions	HÜ 1	
VL 2	-	Mechanics III	VL 3	Mechanics IV GÜ			Differential Equations 2	VL 2	
GÜ 1	1	Mechanics III	GŪ 2	Mechanics IV HÜ :			Differential Equations 2	GÜ 1	
HÜ 1	1	Mechanics III	HÜ 1				Differential Equations 2	HÜ 1	
	Mechanics II: Mechanics of Materials			Advanced Mechanical Engineering Design	Heat Transfer		Machine Learning I		Bachelor Thesis
	Mechanics II VL 2			(part 2)	Heat Transfer	VL 3	Machine Learning I	VL 2	
	Mechanics II GÜ 2			Advanced Mechanical Engineering VL 2	Heat Transfer	HÜ 2	Machine Learning I	GÜ 2	
	Mechanics II HÜ 2		esign	Design II					
VL 2		(part 1)	VII 2	Advanced Mechanical Engineering HÜ 2					
GÜ 2 HÜ 1		Advanced Mechanical Engineering Design I	VL 2	Design II					
HU I	*		HÜ 2	Mechanical Engineering: Design (part 2)					
		Design I		Team Project Design Methodology PBL					
		Mechanical Engineering: Design (part	t 1)	Mechanical Design Project II PBL 3					
		Embodiment Design and 3D-CAD	VL 2						
	Mathematics II	Machanical Design Project I	PBL 3	Fundamentals of Materials Science (part 2)	Computer Engineering	VII	Production Engineering (part 2)	VII	
	Linear Algebra II VL 2			Fundamentals of Materials Science II VL 2	Computer Engineering	VL 3	Production Engineering II	VL 2 HÜ 1	
	Linear Algebra II	Fundamentals of Materials Science (g	part 1)		Computer Engineering	GÜ 1	Production Engineering II	HU 1	
		The state of the s	VL 2						
VL 1		Physical and Chemical Basics of Materials	VL 2						
VL 1 PR 1	Analysis II GÜ 1	Science							
PR 1					Production Engineering (part 1)				
PR 1					Production Engineering I	VL 2			
PR 1					Production Engineering I	HÜ 1			
PR 1					. roduction Engineering i	110 1			
PR 1						Production Engineering (part 1) Production Engineering I	Production Engineering (part 1) Production Engineering I VL 2	Production Engineering (part 1) Production Engineering I VL 2	Production Engineering (part 1)

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