Course of Study General Engineering Science (German program, 7 semester) (Study Cohort w17)

	_							Core Qualification Compulsory		ation Compulsory	Focus Compulsory	Thesis Compulsory	
mple	course plan A Bachelor Genera	al Engineering Science	(Germa	n program, 7 semester) (AIWBS	5(7))		Core Qualification Elective Compuls	ory Specialis	ation Elective Compulsory	Focus Elective Compulso	Interdisciplinary comp	olement
cial	isation ₁ Process Engineering _{Irs/wk}	Semester 2	FormHrs/wk	Semester 3	FormHrs/wi	Semester 4	FormHrs/wk	Semester 5	FormHrs/wk	Semester 6	FormHrs/wk	Semester 7	Fo
	Chemistry	Electrical Engineering II: Alternatin	g Current	Technical Thermodynamics II		Fundamentals of Fluid Mechanics		Introduction to Control Systems		Foundations of Managem	nent	Advanced Internship AIW/ GES	
	Chemistry I VL 2	Networks and Basic Devices		Technical Thermodynamics II	VL 2	Fundamentals of Fluid Mechanics	VL 2	Introduction to Control Systems	VL 2	Introduction to Management	t VL 3		
	Chemistry II VL 2	Electrical Engineering II: Alternating	VL 3	Technical Thermodynamics II	HÜ 1	Fluid Mechanics for Process Engineering	HÜ 2	Introduction to Control Systems	GÜ 2	Management Tutorial	HÜ 2		
	Chemistry I HÜ 1	Current Networks and Basic Devices		Technical Thermodynamics II	GÜ 1			•					
	Chemistry II HÜ 1	Electrical Engineering II: Alternating	GÜ 2	·									
		Current Networks and Basic Devices											
	Electrical Engineering I: Direct Current	Fundamentals of Mechanical Engine	eering	Mathematics III		Phase Equilibria Thermodynamics		Heat and Mass Transfer		Chemical Reaction Engine	eering (part 2)		
	Networks and Electromagnetic Fields	Design		Analysis III	VL 2	Phase Equilibria Thermodynamics	VL 2	Heat and Mass Transfer	VL 2	Experimental Course Chemi			
	Electrical Engineering I: Direct Current VL 3	Fundamentals of Mechanical Engineerin	ıq VL 2	Analysis III	GÜ 1	Phase Equilibria Thermodynamics	GÜ 1	Heat and Mass Transfer	GŪ 1	Engineering			
	Networks and Electromagnetic Fields	Design		Analysis III	HÜ 1	Phase Equilibria Thermodynamics	HÜ 1	Heat and Mass Transfer	HÜ 1	Process and Plant Engine			
	Electrical Engineering I: Direct Current GÜ 2	Fundamentals of Mechanical Engineerin	ıg HÜ 2	Differential Equations 1	VL 2					Process and Plant Engineeri			
	Networks and Electromagnetic Fields	Design		Differential Equations 1	GÜ 1					Process and Plant Engineeri	- T		
				Differential Equations 1	HÜ 1					Process and Plant Engineeri	- T		
										rrocess and riant Engineeri	ng i do i		
	Mathematics I	Technical Thermodynamics I				Signals and Systems		Thermal Separation Processes					
	Linear Algebra I VL 2	Technical Thermodynamics I	VL 2			Signals and Systems	VL 3	Thermal Separation Processes	VL 2				
	Linear Algebra I GÜ 1	Technical Thermodynamics I	HÜ 1	Mechanics III (Hydrostatics, Kiner	antico	Signals and Systems	GÜ 2	Thermal Separation Processes	GŪ 2	Dartiela Tachnology and	Calida Drasass		
	Linear Algebra I HÜ 1	Technical Thermodynamics I	GÜ 1	Kinetics II (Hydrostatics, Kiner	iatics,			Thermal Separation Processes	HÜ 1	Particle Technology and Engineering	Solius Process		
	Analysis I VL 2			Mechanics III	VL 3			Separation Processes	PR 1	Particle Technology I	VL 2		
	Analysis I GÜ 1 Analysis I HÜ 1			Mechanics III	GŪ 2					Particle Technology I	GÜ 1		
	Analysis I HU 1			Mechanics III	HÜ 1					Particle Technology I	PR 2		
		Mechanics II: Mechanics of Material				Bioprocess Engineering - Fundame		Chemical Reaction Engineering (par				Bachelor Thesis	
		Mechanics II Mechanics II	VL 2 GŪ 2			Bioprocess Engineering - Fundamentals		Chemical Reaction Engineering Chemical Reaction Engineering	VL 2 HÜ 2				
	Mechanics I (Statics)	Mechanics II	HÜ 2	Computer Engineering		Bioprocess Engineering- Fundamentals Bioprocess Engineering - Fundamental		Chemical Reaction Engineering	HU 2	Informatics for Process E	ngineers		
	Mechanics I VL 2	Mechanics II	HU 2	Computer Engineering	VL 3	Practical Course	PK 2			Numeric and Matlab	PR 2		
	Mechanics I GÜ 2			Computer Engineering	GÜ 1	Tracacar course				Informatics for Process Engi			
	Mechanics I HÜ 1							Measurement Technology for VT/ BV	/T	Informatics for Process Engi			
								Measurement Technology	VL 2				
								Physical Fundamentals of Measurement	VL 2				
		Mathematics II						Technology					
		Linear Algebra II	VL 2					Practical Course Measurement	PR 2				
	Programming in C	Linear Algebra II Linear Algebra II	GÜ 1 HÜ 1	Fundamentals of Process Enginee	ring and			Technology		Environmental Technolog	av .		
	Programming in C VL 1	Analysis II	HU I VL 2	Material Engineering	,					Environmental Assessment	VL 2		
	Programming in C PR 1	Analysis II	HÜ 1	Introduction into Process	VL 2					Environmental Assessment	GÜ 1		
		Analysis II	GÜ 1	Engineering/Bioprocess Engineering									
	Physics for Engineers (AIW) Physics for Engineers VL 2		30 1	Fundamentals of material engineering	VL 2								
	Physics for Engineers VL 2 Physics for Engineers GÜ 1			Physical Chemistry									
	Thysics for Engineers GU 1			Physical Chemistry	VL 2								
				Physical Chemistry	PR 2								

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