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

ecia	lisation Process Engineering	Competer 3	Earna Heat-ile	Semester 3	Enroller to to	Semester 4	Earna Heat-ile	Semester 5	Earm Urs 4 - 4 -	Semester 6	Earna Head and	Semester 7	FormHr
Ciu	II-Serkeszeit II TOCC33 ETIGITICCTiongers/wk	Semester 2	FormHrs/wk	Semester 3	FormHrs/wk	Semester 4	FormHrs/wk	Semester 5	FormHrs/wk	Semester 6	FormHrs/wk	Semester /	FormHi
	Chemistry VL 4 Chemistry I+II VL 4 Chemistry I+II HÛ 2	Electrical Engineering II: Alternatin Networks and Basic Devices Electrical Engineering II: Alternating Current Networks and Basic Devices Electrical Engineering II: Alternating Current Networks and Basic Devices	yL 3 GÜ 2	Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II	VL 2 HÜ 1 GÜ 1	Signals and Systems Signals and Systems Signals and Systems	VL 3 GÜ 2	Introduction to Control Systems Introduction to Control Systems Introduction to Control Systems	VL 2 GÜ 2	Foundations of Management Introduction to Management Management Tutorial	VL 3 GŪ 2	Advanced Internship AIW/ ES Advanced Internship AIW/ ES: Preparation Advanced Intenship AIW/ ES: Internshi accompanying Seminar	SE nip- SE
0 1 2	Electrical Engineering I: Direct Current Networks and Electromagnetic Fields Electrical Engineering I: Direct Current VL 3 Networks and Electromagnetic Fields Electrical Engineering I: Direct Current GÜ 2 Networks and Electromagnetic Fields	Fundamentals of Mechanical Engine Design Fundamentals of Mechanical Engineerin Design Fundamentals of Mechanical Engineerin Design	ig VL 2	Mathematics III Analysis III Analysis III Analysis III Differential Equations 1 Differential Equations 1 Differential Equations 1	VL 2 GÜ 1 HÜ 1 VL 2 GÜ 1 HÜ 1	Fundamentals of Fluid Mechanics Fundamentals of Fluid Mechanics Fluid Mechanics for Process Engineering	VL 2 HÛ 2	Heat and Mass Transfer Heat and Mass Transfer Heat and Mass Transfer Heat and Mass Transfer	VL 2 GÜ 1 HÜ 1	Process and Plant Engineering I Process and Plant Engineering I Process and Plant Engineering I Process and Plant Engineering I	g I VL 2 HÛ 1 GÛ 1		
	Mathematics I Linear Algebra I VL 2 Linear Algebra I GÜ 1	Technical Thermodynamics I Technical Thermodynamics I Technical Thermodynamics I	VL 2 HÜ 1			Phase Equilibria Thermodynamics Phase Equilibria Thermodynamics Phase Equilibria Thermodynamics	VL 2 GÜ 1	Thermal Separation Processes Thermal Separation Processes Thermal Separation Processes	VL 2 GÜ 2	Particle Technology and Solid Engineering Particle Technology I	ds Process		
5 7 8	Linear Algebra GÜ 1	Technical Thermodynamics I	GÜ 1	Mechanics III (Dynamics) Mechanics III Mechanics III Mechanics III	VL 3 GÜ 2 HÜ 1	Phase Equilibria Thermodynamics	HÜ 1	Thermal Separation Processes Separation Processes	HÜ 1 PR 1	Particle Technology I Particle Technology I	GÜ 1 PR 2		
		Mechanics II: Mechanics of Material Mechanics II Mechanics II	ls VL 2 GÜ 2			Renewables Energy Systems Renewable Energy Energy Systems and Energy Industry	VL 2 VL 2	Chemical Reaction Engineering (pa Chemical Reaction Engineering Chemical Reaction Engineering	vL 2 HÜ 2	Chemical Reaction Engineerin Experimental Course Chemical Engineering	ng (part 2) PR 2	Bachelor Thesis	
L 2 3	Mechanics I (Statics) VL 2 Mechanics I GÜ 2 Mechanics I HÜ 1	Mechanics II	HÜ 2	Computer Engineering Computer Engineering Computer Engineering	VL 3 GÜ 1	Power Industry Renewable Energy	VL 1 GÜ 1	Measurement Technology for Chen Bioprocess Engineering Measurement Technology	nical and				
; ;		Mathematics II Linear Algebra II Linear Algebra II	VL 2 GÜ 1			Bioprocess Engineering - Fundamen Bioprocess Engineering - Fundamentals Bioprocess Engineering- Fundamentals	VL 2	Physical Fundamentals of Measuremen Technology Practical Course Measurement					
	Programming in C VL 1 Programming in C PR 1	Linear Algebra II Analysis II Analysis II	HÜ 1 VL 2 HÜ 1	Fundamentals of Process Engineer Material Engineering Introduction into Process Engineering (Plantocess Engineering)	ering and	Bioprocess Engineering - Fundamental Practical Course		Technology	111 2				
	Physics for Engineers (AIW) Physics for Engineers VL 2 Physics for Engineers GÜ 1	Analysis II	GÜ 1	Engineering/Bioprocess Engineering Fundamentals of material engineering	g VL 2			Environmental Technology Environmental Assessment Case studies project assessment	VL 2 GÜ 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.