Course of Study General Engineering Science (German program, 7 semester) (Study Cohort w22)

-							Core Qualification Compulsory		ation Compulsory	Focus Compulsory	Thesis Compulsory
urse plan - Bachelor Gene		erman p	program, 7 semester) (A	AIWBS(7))		Core Qualification Elective Compulsory	/ Specialis	ation Elective Compulsory	Focus Elective Compulso	Interdisciplinary complement
ion ₁ Chemical and Bioengin	eering _{er 2} F	ormHrs/wk	Semester 3 F	ormHrs/wk	Semester 4	FormHrs/wk	Semester 5 Fo	ormHrs/wk	Semester 6	FormHrs/wk	Semester 7 For
nistry nistry I+II VL 4 nistry I+II HÛ 2	Current Networks and Basic Devices	VL 3	Technical Thermodynamics II	VL 2 HÜ 1 GÜ 1	Signals and Systems Signals and Systems Signals and Systems	VL 3 GÜ 2		VL 2 GÜ 2	Foundations of Management Introduction to Management Management Tutorial	ent VL 3 GÜ 2	Advanced Internship AIW/ ES S Advanced Internship AIW/ ES: S Preparation Advanced Intenship AIW/ ES: Internship-S accompanying Seminar
trical Engineering I: Direct Current	Fundamentals of Mechanical Engineer	ring	Mathematics III		Fundamentals of Fluid Mechanics		Heat and Mass Transfer		Process and Plant Engine	aring I	
vorks and Electromagnetic Fields rical Engineering 1: Direct Current VL 3 rorks and Electromagnetic Fields rical Engineering 1: Direct Current 0 2 rorks and Electromagnetic Fields	Design Fundamentals of Mechanical Engineering Design Fundamentals of Mechanical Engineering Design	VL 2	Analysis III Analysis III Differential Equations 1	VL 2 GÜ 1 HÜ 1 VL 2 GÜ 1	Fundamentals of Fluid Mechanics Fluid Mechanics for Process Engineering Fundamentals on Fluid Mechanics	VL 2 HÜ 2 GÜ 2	Heat and Mass Transfer 0	VL 2 GÜ 1 HÜ 1	Process and Plant Engineerin Process and Plant Engineerin Process and Plant Engineerin	gl VL 2 gl HÜ 1	
			Differential Equations 1	HÜ 1							
Mathematics I VL 4 Mathematics I HŪ 2 Mathematics I GŪ 2	Technical Thermodynamics I		Engineering Mechanics III	VL 3 GŪ 2 HÜ 1	Phase Equilibria Thermodynamics Phase Equilibria Thermodynamics Phase Equilibria Thermodynamics Phase Equilibria Thermodynamics	VL 2 GÜ 1 HÜ 1	Thermal Separation Processes C Thermal Separation Processes	VL 2 GÜ 2 HÜ 1 PR 1	Particle Technology and S Engineering Particle Technology I Particle Technology I Particle Technology I	VL 2 GÜ 1 PR 2	
	Mathematics II	VL 4 HÜ 2			Fundamentals in Molecular Biology Genetics and Molecular Biology Genetics and Molecular Biology	VL 2 PBL 1) VL 2 HÜ 2	Chemical Reaction Engine Experimental Course Chemic Engineering		Bachelor Thesis
puter Science for Engineers - duction and Overview puter Science for Engineers - VL 3 duction and Overview puter Science for Engineers - GÜ 2 duction and Overview	Mathematics II G		Heasurement Technology for Chemi-James James Bioprocess Engineering VL 2 Measurement Technology VL 2 Physical Fundamentals of Measurement VL 2 Technology Practical Course Measurement PR 2 Technology VL Practical Course Measurement PR 2		Lab Course in Microbiology and Biochemistry Biological and Biochemical Fundame	PR 3	Material Engineering Material Engineering	VL 2	2		
neering Mechanics I (Stereostatics)	Engineering Mechanics II (Elastostatic		Introduction to Chemical and Bioengin	neerina	(part 2) Fundamental Biological and Biochemical Practical Course	PR 3		VL 2			
neering Mechanics I VL 2 neering Mechanics I GÜ 2 neering Mechanics I HÜ 1	Engineering Mechanics II Engineering Mechanics II	VL 2		VL 2	Introduction to the Biological and Biochemical Practical Course	VL 1		HÜ 2 PR 2			
			(part 1)								
n-technical Courses for Bachelo	ors (1	ors (from catalogue) - 6LP		(part 1) Biological and Biochemical Fundamentals	Biological and Biochemical Fundamentals VL 2	(part 1) Biological and Biochemical Fundamentals VL 2	(part 1) Biological and Biochemical Fundamentals VL 2	(part 1) Biological and Biochemical Fundamentals VL 2	(part 1) Biological and Biochemical Fundamentals VL 2	(part 1) Biological and Biochemical Fundamentals VL 2	(part 1) Biological and Biochemical Fundamentals VL 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.