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

male source alon D. Docheler Coneral	Engineering Colonge (Cormon	nrogram 7 samastar) (AIM/D	2(7))	Core Qualification Compulsory  Core Qualification Elective Compulsory	Specialis Specialis		Focus Compulsory Focus Elective Compulso	Thesis Compulsory Interdisciplinary complement
mple course plan B Bachelor General ecialisation:Bioprocess Engineering							·	
SCIAITS AND ALL DIOPTOCESS LITY ING SHANDS	Semester 2 FormHrs/wk	Semester 3 FormHrs/w	k Semester 4 FormHrs/	vk Semester 5 Fo	ormHrs/wk	Semester 6	FormHrs/wk	Semester 7 Form
Chemistry I+II	Electrical Engineering II: Alternating Current Vetworks and Basic Devices Electrical Engineering II: Alternating VL 3 Current Networks and Basic Devices Electrical Engineering II: Alternating GÜ 2 Current Networks and Basic Devices	Technical Thermodynamics II	Signals and Systems Signals and Systems VL 3 Signals and Systems GÜ 2		VL 2 GÜ 2	Foundations of Management Introduction to Management Management Tutorial		Advanced Internship AIW/ ES  Advanced Internship AIW/ ES: SE Preparation  Advanced Intenship AIW/ ES: Internship- accompanying Seminar
Electrical Engineering I: Direct Current	Fundamentals of Mechanical Engineering	Mathematics III	Fundamentals of Fluid Mechanics	Heat and Mass Transfer		Process and Plant Engine	ering I	
Electrical Engineering I: Direct Current VL 3 F Networks and Electromagnetic Fields C Electrical Engineering I: Direct Current GÜ 2 F Networks and Electromagnetic Fields	Design  undamentals of Mechanical Engineering VL 2 Design  unundamentals of Mechanical Engineering HÜ 2 Design	Analysis III         VL         2           Analysis III         GÜ         1           Analysis III         HÜ         1           Differential Equations 1         VL         2           Differential Equations 1         GÜ         1	Fundamentals of Fluid Mechanics VL 2 Fluid Mechanics for Process Engineering HÜ 2	Heat and Mass Transfer C	VL 2 GÜ 1 HÜ 1	Process and Plant Engineerin Process and Plant Engineerin Process and Plant Engineerin	ıg I HÜ 1	
		Differential Equations 1 HÜ 1						
Linear Algebra I VL 2 T Linear Algebra I GÜ 1 T	Fechnical Thermodynamics I Fechnical Thermodynam	Mechanics III (Dynamics)	Phase Equilibria Thermodynamics  Phase Equilibria Thermodynamics  VL 2  Phase Equilibria Thermodynamics  GÜ 1	Thermal Separation Processes C	VL 2 GÜ 2	Particle Technology and S Engineering Particle Technology I Particle Technology I	Folids Process  VL 2  GÜ 1	
Linear Algebra   HÜ 1 1   Tanalysis   VL 2   Analysis   GÜ 1   Analysis   HÜ 1   HÜ 1	GÛ 1	Mechanics III         VL         3           Mechanics III         GÜ         2           Mechanics III         HÜ         1	Phase Equilibria Thermodynamics HÜ 1		HÜ 1 PR 1	Particle Technology I	PR 2	
n n	Mechanics II: Mechanics of Materials  Mechanics II VL 2  Mechanics II GÜ 2		Biochemistry and Microbiology Biochemistry VL 2 Biochemistry PBL 1		) VL 2 HÜ 2	Chemical Reaction Engine Experimental Course Chemic Engineering	- · · · · · · · · · · · · · · · · · · ·	Bachelor Thesis
Mechanics   (Statics)	Mechanics II HÜ 2	Computer Engineering         VL 3           Computer Engineering         GÜ 1	Microbiology VL 2 Microbiology PBL 1					
Mechanics I GU 2 Mechanics I HÜ 1		Computer Engineering GÜ 1			VL 2 GÜ 2			
	Mathematics II Linear Algebra II VL 2		Bioprocess Engineering - Fundamentals  Bioprocess Engineering - Fundamentals VL 2					
Programming in C L L Programming in C VL 1	Interal Algebra	Fundamentals of Process Engineering and Material Engineering Introduction into Process VL 2	Bioprocess Engineering - Fundamentals HÜ 2 Bioprocess Engineering - Fundamental PR 2 Practical Course					
Physics for Engineers (AIW)  Physics for Engineers VL 2  Physics for Engineers GÜ 1	Analysis II GÜ 1	Engineering/Bloprocess Engineering Fundamentals of material engineering VL 2			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.