Course of Study General Engineering Science (German program, 7 semester) (Study Cohort w16)

Sample course plan C Bachelor General Engineering Science (German program, 7 semester) (AIWBS(7))

Legend:

	Semester 1 Forking Chemistry Chemistry I VL 2 Chemistry II VL 2 Chemistry I HÜ 1	Wemester 2 Formers Electrical Engineering II: Alternating Current Networks and Basic Devices Electrical Engineering II: VL 3 Alternating Current	Technical Thermodynamics II Technical VL 2 Thermodynamics II	Weemester 4 Fundamentals of Fluid Mechanics Fundamentals of Fluid Mechanics	J VL 2	Wernester 5	Control ontrol VL 2	/wSkemester6	n s of Manag to nt	FormHrs/v@	Interdisciplinary complement
	Chemistry II HÜ 1	Networks and Basic Devices Electrical Engineering II: UE 2 Alternating Current Networks and Basic Devices	Technical HÜ 1 Thermodynamics II Technical UE 1 Thermodynamics II	Fluid Mechanics for Process Engineering	HU 2	Introduction to Co Systems	ntrol UE 2				
	Electrical Engineering I: Direct Current Networks and	Fundamentals of Mechanical Engineering Design	Mathematics III Analysis III VL 2	Phase Equilibria Thermodynamics		Heat and Mass T Heat and Mass T		Thermal Se Processes			
	Electromagnetic Fields Electrical Engineering I: VL 3	Fundamentals of VL 2 Mechanical Engineering	Analysis III UE 1	Phase Equilibria Thermodynamics	VL 2	Heat and Mass T	ransfer UE 1	Separation I	Processes	PR 1	
_	Direct Current Networks	Design	Analysis III HÜ 1	Phase Equilibria	UE 1	Heat and Mass T	ransfer HÜ 1	Chemical F			
	and Electromagnetic Fields	Fundamentals of HÜ 2 Mechanical Engineering	Differential Equations 1 VL 2 Differential Equations 1 UE 1	Thermodynamics Phase Equilibria	HÜ 1			Engineerin Experimenta	u ,	PR 2	
	Electrical Engineering I: UE 2 Direct Current Networks	Design	Differential Equations 1 HÜ 1	Thermodynamics	пот			Chemical E			
	and Electromagnetic							Process an	d Plant		
_	Fields							Engineerin	-	VL 2	
	Mathematics I	Technical Thermodynamics I		Signals and Systems		Thermal Separat	ion	Process and Engineering		VL Z	
	Linear Algebra I VL 2	Technical VL 2		Signals and Systems	VL 3	Processes (part	1)	Process and Engineering		HÜ 1	
	Linear Algebra IUE 1Linear Algebra IHÜ 1	Thermodynamics I Technical HÜ 1 Thermodynamics I	Mechanics III (Hydrostatics, Kinematics, Kinetics I) Mechanics III VL 3	Signals and Systems	HÜ 1	Thermal Separation Processes Thermal Separation		Process and Engineering	d Plant	UE 1	
	Analysis I VL 2 Analysis I UE 1	Technical UE 1	Mechanics III UE 2			Processes		Particle Te	chnology an	nd	
	Analysis I HÜ 1	Thermodynamics I	Mechanics III HÜ 1			Thermal Separation Processes	on HÜ1		cess Engine		
						Chemical Reacti	on	Particle Tec Particle Tec		VL 2 UE 1	
		Mechanics II: Mechanics of		Biochemistry and		Engineering (pa		Particle Tec			Bachelor Thesis
		Materials		Microbiology		Chemical Reaction	n VL 2				
	Mechanics I (Statics)	Mechanics II VL 2 Mechanics II UE 2	Computer Engineering	Biochemistry Biochemistry	VL 2 PBL1	Engineering Chemical Reaction	n HÜ2				
	Mechanics I VL 2 Mechanics I UE 2	Mechanics II HÜ 2	Computer Engineering VL 3 Computer Engineering UE 1	Microbiology	VL 2	Engineering					
	Mechanics I HÜ 1			Microbiology	PBL1	Bioprocess Eng	ineering -	Environme	ntal Techno	logy	
_						Advanced		Environmen		VL 2	
						Bioprocess Engine - Advanced	eering VL 2	Assessmen Environmen		UE 1	
								Assessmen		J. 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.