Course of Study General Engineering Science (English program, 7 semester) (Study Cohort w18) Legend: Core gualification

Sample course plan B Bachelor General Engineering Science (English program, 7 semester) (GESBS(7))

Specia	alisation Mechanical Engi	neering	, Focus Mechatronics							Specia Compu	lisation Elective Ilsory	Focus Elective Cor	npulsory Interdisciplinary complement	
LP	Semester 1	Formit	/ଷି¢mester 2	Formit	/ଡkmester 3	Formittrs/	Sekemester 4	Formin	Wolkemester 5 Fo	or in trs/	Watemester 6	For itti rs/	Sekemester 7 For	i n hrs/wl
1 2 3 4 5	Chemistry (GES) Chemistry I Chemistry II Chemistry I Chemistry II	VL 2 VL 2 HÜ 1 HÜ 1	Technical Thermodynamics I Technical Thermodynamics I Technical Thermodynamics I Technical Thermodynamics I	VL 2 HÜ 1	Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II	VL 2 HÜ 1 UE 1	Mechanical Enginee Design (part 2) Team Project Design Methodology Mechanical Design Project II Fundamentals of Materials Science (p Fundamentals of Materials Science II	ring: PBL2 PBL3	Computer Engineering VL Computer Engineering UL Computer Engineering UE	L 3	Foundations of Management Introduction to Management Management To	of VL 3	Advanced Internship Al GES	N/
6 7 8 9 10 11 12	Linear Algebra Linear Algebra Linear Algebra Linear Algebra	VL 4 HÜ 2 UE 2	Mathematical Analys Mathematical Analysis Mathematical Analysis Mathematical Analysis	VL 4 HÜ 2	Mathematics III Analysis III Analysis III Analysis III Differential Equations 1 Differential Equations 1 Differential Equations 1	VL 2 UE 1 HÜ 1 VL 2 UE 1	Advanced Mechanica Engineering Design 2) Advanced Mechanical Engineering Design II Advanced Mechanical Engineering Design II Fluid Dynamics Fluid Mechanics Fluid Mechanics	(part VL 2	Control Systems		Semiconductor Design Semiconductor Design Semiconductor Design	Circuit VL 3		
13 14 15 16 17 18	Electrical Engineerin Electrical Engineering I Electrical Engineering I	VL 3	Electrical Engineerin Electrical Engineering II Electrical Engineering II	VL 3	Mechanics III (GES) Mechanics III Mechanics III Mechanics III		Mechanics IV (Kinet Oscillations, Analyti Mechanics, Multiboo Systems) Mechanics IV Mechanics IV Mechanics IV	cal	Technology for Mechanical Engineering Measurement Hi Technology for Mechanical Engineering		Mathematics I Complex Functi Complex Functi Differential Equ Differential Equ Differential Equ Differential Equ 2	ions VL 2 ions UE 1 ions HÜ 1 iations VL 2 iations UE 1		
19 20 21 22 23	Mechanics I (GES) Mechanics I Mechanics I	VL 2 HÜ 3	Mechanics II (GES) Mechanics II Mechanics II	VL 2 HÜ 2	Mechanical Enginee Design (part 1) Embodiment Design	-	Signals and Systems Signals and Systems Signals and Systems	VL 3	,	L 3	Fundamentals Production an Management Production Proc Organization	d Quality	Bachelor Thesis	

Specialisation Compulsory Focus Compulsory

Compulsory

Thesis Compulsory

24 25 26			and 3D-CAD Mechanical Design PBL3 Project I Fundamentals of Materials Science (part 1) Fundamentals of VL 2		lation and Design of atronic Systems	Quality Management VL 2
227 228 229 30 31 32	Programming in CVI1Programming in CPR1Programming in CPR1Physics for EngineersVI2Physics for EngineersVI1	Fundamentals of Mechanical Engineering (GES) Fundamentals of VL 2 Mechanical Engineering Fundamentals of UE 2 Mechanical Engineering	Materials Science I Physical and Chemical VL 2 Basics of Materials Science Advanced Mechanical Engineering Design (part 1) Advanced Mechanical VL 2 Engineering Design I Advanced Mechanical HÜ 2 Engineering Design I	Simula of Mec Simula of Mec Syster Simula	ation and Design VL 2 chatronic ms ation and Design HÜ 1 chatronic ms ation and Design PR 1 chatronic	
· ·	Nontechnical Complementary (Courses for Bachelors (from cata	alogue) - 6LP			

Noncerimical complementary courses for bacheors (non catalogue) - ori

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