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

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

Specia	alisation Mechanical Engi	, Focus Mechatronics							mpulsory Interdisciplinary complement			
LP	Semester 1	Formit	/ଭିkemester 2	Formit	∕‰kemester 3	Formit	Wokemester 4	Formit	/wikemester 5 Form	rs/ \sk mester 6	Formit	/wskemester 7 Forh
1 2 3	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	HÜ 1	Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II Technical	VL 2 HÜ 1 UE 1	Mechanical Enginee Design (part 2) Team Project Design Methodology Mechanical Design Project II Fundamentals of	ring: PBL2 PBL3	Computer Engineering Computer Engineering VL 3 Computer Engineering UE 1	Foundations of Management Introduction to Management Management To	VL 3	Advanced Internship AIM GES
5			Thermodynamics I		Thermodynamics II		Materials Science (p Fundamentals of Materials Science II	VL 2				
7 8 9 10 11 12	Linear Algebra VL Linear Algebra VL Linear Algebra HÜ Linear Algebra UE		Mathematical Analysis Mathematical Analysis VL Mathematical Analysis HÜ Mathematical Analysis UE	VL 4 HÜ 2	Mathematics III Analysis III Analysis III Differential Equations 1 Differential Equations 1 Differential Equations 1	UE 1		(part VL 2 HÜ 2	Introduction to Control Systems Introduction to VL 2 Control Systems Introduction to UE 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 Engineering Electrical Engineering II Electrical Engineering II	VL 3	Mechanics III (GES) Mechanics III Mechanics III Mechanics III	HÜ 1 UE 2 VL 3	Mechanics IV (Kinet Oscillations, Analyti Mechanics, Multiboo Systems) Mechanics IV Mechanics IV Mechanics IV	cal	Measurement Technology for Mechanical EngineersMeasurementVL 2Technology forMechanicalEngineeringMeasurementHÜ 1Technology forMechanicalEngineeringPractical Course:PR 2Measurement and Control Systems	Complex Functi Complex Functi Differential Equ Differential Equ Differential Equ Differential Equ	ions VL 2 ions UE 1 ions HÜ 1 lations VL 2 lations 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	Electrical Engineering III:Circuit Theory and TransientsCircuit TheoryVLCircuit TheoryUE	Advanced Mate Characterization	erials VL 2 n	Bachelor Thesis

Specialisation Compulsory Focus Compulsory

Compulsory

Thesis Compulsory

Nontechnical Complementary Courses for Bachelors (from catalogue) - 6LP

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