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

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

Legend:

	le course plan B Bachelor General Engineering Science (English program, 7 semester) (GESBS(7)) alisation Mechanical Engineering, Focus Mechatronics								Core qualification Compulsory		Specialisation Compulsory		sory	Thesis Compulsory	Thesis Compulsory	
ecia	alisation Mechanical Engine	ering, Fo	ocus mechatronics					Core qualification Elective Compulsory		Specialisation Elective Compulsory		Focus Elective Compulsory		Interdisciplinary complement		
	Semester 1	FormHrs	/wSkemester 2	FormHrs	Weber 3	FormHrs	/wSkemester 4	FormHrs	weikemester 5	Forminis	/wSkemester	6	FormHrs/w&ke	mester 7	Forminis	
	Chemistry (GES) VL 2 Chemistry II VL 2 Chemistry II HÜ 1 Chemistry II HÜ 1 Chemistry II HÜ 1		Fundamentals of Mech Engineering Design Fundamentals of Mechanical Engineering Design Fundamentals of Mechanical Engineering Design	VL 2	Technical Thermodyn II Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II		Mechanical Engineerin Design (part 2) Team Project Design Methodology Mechanical Design Project II Fundamentals of Mate Science (part 2) Fundamentals of Materials Science II	PBL2 TT 3	Computer Engine Computer Engine Computer Engine	ering VL 3	Foundatic Introductio Manageme Manageme	nt	gement Ac VL 3 HÜ 2	Advanced Internship GES		
	Linear Algebra	VL 4 HÜ 2 UE 2	Technical Thermodyna Technical Thermodynamics I Technical Thermodynamics I Technical Thermodynamics I	HÜ 1 UE 1	Mathematics III Analysis III Analysis III Analysis III Differential Equations 1 Differential Equations 1 Differential Equations 1	VL 2 UE 1 HÜ 1 1 VL 2 1 VL 2 1 UE 1 1 UE 1 HÜ 1 F HÜ 1 UE 2 VL 3	Advanced Mechanical Engineering Design (p Advanced Mechanical Engineering Design II Advanced Mechanical Engineering Design II Fluid Dynamics Fluid Mechanics Fluid Mechanics	VL 2 VL 2 VL 2 VL 3 HÜ 2 VL 3 HÜ 2 Mu fo fo fo fo fo fo fo fo fo fo	Introduction to C Systems Introduction to Co Systems Introduction to Co Systems	ontrol VL 2	Design Semicondu Design		t VL 3 UE 1			
		VL 3	Mathematical Analysis Mathematical Analysis Mathematical Analysis Mathematical Analysis	VL 4 HÜ 2 UE 2	Mechanics III (GES) Mechanics III Mechanics III Mechanics III		Mechanics IV (Kinetics Oscillations, Analytica Mechanics, Multibody Systems) Mechanics IV Mechanics IV Mechanics IV		Measurement Te for Mechanical a Engineers Measurement Technology for Mechanical and F Engineers Measurement Technology for Mechanical and F Engineers Practical Course: Measurement and Control Systems	VL 2 Process HÜ 1 Process PR 2	Differential	unctions unctions	UE 1			
	Mechanics I (GES) Mechanics I Mechanics I	VL 2 HÜ 3	Electrical Engineering Electrical Engineering II Electrical Engineering II	VL 3	Mechanical Engineeri Design (part 1) Embodiment Design and 3D-CAD Mechanical Design		Signals and Systems Signals and Systems Signals and Systems	VL 3 HÜ 1	Electrical Engin Circuit Theory a Transients Circuit Theory Circuit Theory			on		nchelor Thesis		

|--|

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