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

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

Legend:

ble course plan C Bachel	or General	Engineering Science (English p	ogram, 7 semester) (GESBS(7)))				On a static star Os		E		The size Operation and
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					C	Compulso	у	Compulsory		FOCUS Elective	Computery	Interdisciplinary complement
Semester 1	Formelrs	/wSkemester 2 Form	nirs/wSkemester 3 Fo	ormHrs/	Webernester 4	FormHrs/	Webleemester 5	Formin	/wSkemester6	3	FormHrs/w&	kemester 7 Fo
Chemistry (GES) Chemistry I Chemistry II Chemistry I Chemistry II	VL 2 VL 2 HÜ 1 HÜ 1	Mechanical Engineering Design	II 2 Technical VL Thermodynamics II Technical HÜ 2 Thermodynamics II	_ 2 Ü 1 E 1	Methodology Mechanical Design Project II Fundamentals of Materi Science (part 2)	PBL2 TT 3	Computer Engine Computer Engine Computer Engine	ering VL 3	Foundation Introduction Manageme Manageme	nt	gement A VL 3 HÜ 2	dvanced Internship GES.
Linear Algebra Linear Algebra VL 4 Linear Algebra HÜ 2 Linear Algebra UE 2	Technical ThermodynamicsTechnicalVLThermodynamics IHÜThermodynamics ITechnicalTechnicalUEThermodynamics I	2 Analysis III VL Analysis III UE ¹ Analysis III HÜ Differential Equations 1 VL	_ 2 E 1 Ü 1 _ 2 E 1 Ü 1	Engineering Design II Advanced Mechanical Engineering Design II Fluid Dynamics Fluid Mechanics	VL 2	Introduction to Co Systems Introduction to Co Systems Introduction to Co Systems	ontrol VL 2	Differential	unctions unctions	UE 1		
Electrical Engineering Electrical Engineering Electrical Engineering	I VL 3	Mathematical AnalysisVLMathematical AnalysisHÜMathematical AnalysisUE	2 Mechanics III (GES) 2 Mechanics III Mechanics III HÜ	Ü 1 E 2 _ 3	Mechanics IV	II, VL 3 UE 2 HÜ 1	Measurement Te for Mechanical a Engineers Measurement Technology for Mechanical and P Engineers Measurement Technology for Mechanical and P Engineers Practical Course: Measurement and Control Systems	HÜ 1 rocess Process HÜ 1 Process PR 2	Advanced Advanced Characteriz Advanced Design Advanced Design	Materials ation Materials	VL 2 VL 2 HÜ 2	
Mechanics I (GES) Mechanics I	VL 2 HÜ 3	Electrical Engineering II Electrical Engineering II VL Electrical Engineering II UE	Mechanical Engineering: 3 Design (part 1) 2 Embodiment Design and VL		Signals and Systems Signals and Systems	VL 3	Advanced Mecha Design Project Advanced Mecha Design Project		(part 2) Production II	n Engineeri Engineering Engineering	VL 2	achelor Thesis

23 24 25 26 27 27 28 29 30	Programming in C Programming in C VL Programming in C PR Programming in C PR Physics for Engineers (GES) Physics for Engineers VL 2 Physics for Engineers UE 1	Mechanics II (GES) Mechanics II VL Mechanics II HÜ	Basics of Materials	Heat Transfer Heat Transfer VL Heat Transfer HÜ
31 32 33				Production Engineering (part 1) Production Engineering I VL Production Engineering I HÜ
	Nontechnical Complementary Con	urses for Bachelors (from catalo	gue) - 6LP	5 0

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