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

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

Legend:

•	le course plan B Bachelor Gene alisation Mechanical Engineering		.		ram, 7 semester) (Arwas	5(7))		Core quali	fication Compulsory	Specialisation Co	mpulsory	Focus Compuls	sory	Thesis Compulsory	
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	Chemistry I VL Chemistry II VL Chemistry II HÜ Chemistry II HÜ	2 1	Electrical Engineering Alternating Current Networks and Basic D Electrical Engineering II Alternating Current Networks and Basic Devices Electrical Engineering II Alternating Current Networks and Basic Devices	evices : VL 3	Technical Thermodyna 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	Foundation Introduction Management Management	ent	gement // VL 3 HÜ 2	Advanced Internship G	ES
	Electrical Engineering I: Direct Current Networks an Electromagnetic Fields Electrical Engineering I: VL Direct Current Networks and Electromagnetic Fields Electrical Engineering I: UE Direct Current Networks and Electromagnetic Fields	3	Fundamentals of Mecl Engineering Design Fundamentals of Mechanical Engineering Design Fundamentals of Mechanical Engineering Design	VL 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 HÜ 1	Advanced Mechanical Engineering Design (p Advanced Mechanical Engineering Design II Advanced Mechanical Engineering Design II Fluid Dynamics Fluid Mechanics Fluid Mechanics	art 2) VL 2 HÜ 2 VL 3 HÜ 2	Introduction to Systems Introduction to Co Systems Introduction to Co Systems	ontrol VL 2	Integrated Developm Lightweig Integrated Developme Lightweigh Products CAE-Team	ent and ht Design Product ent I ent of t Design	VL 2 VL 2 PBL2		
	Mathematics ILinear Algebra IVLLinear Algebra IUELinear Algebra IHÜAnalysis IVLAnalysis IUEAnalysis IHÜ	2 1 1 2 1	Technical Thermodyn Technical Thermodynamics I Technical Thermodynamics I Technical Thermodynamics I	amics I VL 2 HÜ 1 UE 1	Mechanics III (Hydros Kinematics, Kinetics I 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	Aeronauti Air Transp Systems Fundamen Aircraft Sy Air Transp Systems	tals of stems tals of stems	VL 2 VL 2 UE 1 HÜ 1		
	Mechanics I (Statics) Mechanics I VL Mechanics I UE Mechanics I HÜ	2	Mechanics II: Mechani Materials Mechanics II Mechanics II Mechanics II	i cs of VL 2 UE 2 HÜ 2	Mechanical Engineerin Design (part 1) Embodiment Design and 3D-CAD	Ū	Signals and Systems Signals and Systems Signals and Systems	VL 3 HÜ 1	Advanced Mech Design Project Advanced Mecha Design Project			on		Bachelor Thesis	

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