Course of Study General Engineering Science (German program, 7 semester) (Study Cohort w22)

course plan - Bachelor Genera	al Engineering Science (German	program, 7 semester) (AIWBS	(7)) Dual				Thesis Compulsory
rogram				Core Qualification Elective Compulsory Speciali	sation Elective Compulsory Focus Elec	ctive Compulsory	Interdisciplinary complement
sation Naval Architecture							
Chemistry VL 4 Chemistry I+II HÛ 2	Electrical Engineering II: Alternating Current Networks and Basic Devices Electrical Engineering II: Alternating VL 3 Current Networks and Basic Devices Electrical Engineering II: Alternating GÜ 2 Current Networks and Basic Devices	Technical Thermodynamics II	Signals and Systems Signals and Systems VL 3 Signals and Systems GÜ 2	Introduction to Control Systems Introduction to Control Systems VL 2 Introduction to Control Systems GÜ 2	Foundations of Management Introduction to Management Management Tutorial	VL 3 GÜ 2	dvanced Internship AIW/ ES
Electrical Engineering I: Direct Current Networks and Electromagnetic Fields Electrical Engineering I: Direct Current VL 3 Networks and Electromagnetic Fields Electrical Engineering I: Direct Current GÜ 2 Networks and Electromagnetic Fields	Fundamentals of Mechanical Engineering Design Fundamentals of Mechanical Engineering VL 2 Design Fundamentals of Mechanical Engineering HÜ 2 Design	Mathematics III Analysis III GÜ 1 Analysis III HÜ 1 Differential Equations 1 VL 2 Differential Equations 1 GÜ 1 Differential Equations 1 HÜ 1	Practical module 4 (dual study program, Bachelor's degree) Practical term 4 0	Practical module 5 (dual study program, Bachelor's degree) Practical term 5 0	Ship Design Ship Design Ship Design	VL 2 HÜ 2	
Mathematics I VL 4 Mathematics I HÜ 2	Technical Thermodynamics I Technical Thermodynamics I VL 2 Technical Thermodynamics I HÜ 1	Provided module 3 (dual shudu nasayan	Fluid Dynamics Fluid Mechanics VL 3 Fluid Mechanics HÜ 2	Stochastics and Ship Dynamics (part 1) Statistics and Stochastic Processes in VL 2 Naval Architecure and Ocean Engineering	Stochastics and Ship Dynamics (par Ship Dynamics Ship Dynamics	vL 2 GÜ 1	
Mathematics I GŪ 2	Technical Thermodynamics I GŪ 1	Bachelor's degree)		Computational Fluid Dynamics I			
		Practical term 3 0		Computational Fluid Dynamics I VL 2	Structural Design and Construction	n of Ships	
				Computational Fluid Dynamics I HÜ 2	(part 2)		
	Mathematics II		Mathematics IV		Ship Structural Design Ship Structural Design		achelor thesis (dual study program)
	Mathematics II VL 4		Complex Functions VL 2				
Computer Science for Engineers - Introduction and Overview Computer Science for Engineers - VL 3	Mathematics II GÜ 2	Engineering Mechanics III (Dynamics) Engineering Mechanics III VL 3 Engineering Mechanics III GÜ 2	Complex Functions HÜ 1 Differential Equations 2 VL 2 Differential Equations 2 GÜ 1	Fundamentals of Ship Structural Design and Analysis			
Computer Science for Engineers - GŪ 2 Introduction and Overview		Engineering Mechanics III HU 1	·	Fundamentals of Ship Structural Design VL 2			
			Computational Multibody Dynamics IV 2	Fundamentals of Ship Structural Analysis GÜ 1			
Practical module 1 (dual study program, Bachelor's degree) Practical term 1 0	Practical module 2 (dual study program, Bachelor's degree) Practical term 2 0	Fundamentals of Materials Science VL 2 Fundamentals of Materials Science VL 2 Fundamentals of Materials Science VL 2 Physical and Chemical Basics of Materials VL 2	Computational Stuctural Mechanics IV 2				
		Science	Hydrostatics and Body Plan (part 2)	Structural Design and Construction of Ships (part 1) Welding Technology VL 3			
			Hydrostatics VL 2 Hydrostatics HÜ 2				
Engineering Mechanics I (Stereostatics) Engineering Mechanics I VL 2 Engineering Mechanics I GÖ 2 Engineering Mechanics I HÜ I	Engineering Mechanics II (Elastostatics) Engineering Mechanics II VL 2 Engineering Mechanics II GÜ 2 Engineering Mechanics II HÜ 2	Hydrostatics and Body Plan (part 1) Body Plan PS 2		Resistance and Propulsion Resistance and Propulsion VL 2 Resistance and Propulsion HÜ 2			
	Sation Naval Architecture Chemistry Chemistry I+II VL 4 Chemistry I+II VL 2 Chemistry I+II VL 3 Chemistry I+II VL 4 Chemistry I+II VL 3 Chemistry I+II VL 3 Chemistry I+II VL 4 Chemistry I+II	Sation Naval Architecture Chemistry Chemistry +	Sation Naval Architecture Chemistry H	Chemistry	Committy Committy	Section Navid Architecture	Sample S

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