Course of Study Theoretical Mechanical Engineering (Study Cohort w17)

Sample course plan A Master Theoretical Mechanical Engineering (TMBMS) Specialisation Maritime Technology

est	er 3	Form Hrs/wkSemester 4		Form Hrs/v	
	Core qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement	
	Core qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory	
	9				

					Compaisory			
LP	Semester 1	Form Hrs/v	vkSemester 2 F	orm Hrs/v	kSemester 3	Form Hrs/v	kSemester 4 Form	n Hrs/wk
1 2 3 4 5 6	Finite Elements Methods Finite Element Methods Finite Element Methods	VL 2 HÜ 2	Numerical Treatment of Ordinary Differential Equations Numerical Treatment of Ordinary Differential Equations Numerical Treatment of Ordinary Differential Equations	VL 2	Research Project Theoretical Mechanical Engineering		Master Thesis	
7 8 9 10 11	Control Systems Theory and Design Control Systems Theory and Design Control Systems Theory and Design	VL 2 UE 2		ental VL 2 FL 3				
13 14 15 16 17	Modelling and Optimization in Dynamics Flexible Multibody Systems Optimization of dynamical systems	VL 2 VL 2		VL 3 HÜ 1	Ship Vibration Ship Vibration Ship Vibration	VL 2 UE 2		
19 20 21	Control Lab C Control Lab VII Control Lab VIII Control Lab IX	PR 1 PR 1 PR 1	,	VL 2 HÜ 2	Arctic Technology Ship structural design for arctic conditions Ice Engineering Ice Engineering	PBL 2 VL 2 UE 1		
22 23 24	Marine Auxiliaries (part 1) Electrical Installation on Ships Electrical Installation on Ships	VL 2 HÜ 1						
25 26 27	Maritime Technology and Maritime System Introduction to Maritime Technology Introduction to Maritime Technology	ms (part 1) VL 2 UE 1	Linear and Nonlinear System Identifikation Linear and Nonlinear System Identification	VL 2				
28 29 30				VL 2 HÜ 1				
31 32 33				(part 2) VL 2 UE 1				
	Business & Management (from catalogue) - 6	LP						

Montachnical Floative Complementary Courses for Master (from estalogue) - GLD

Informediffical Elective Complementary Courses for Master (from catalogue) - our

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