Course of Study Naval Architecture and Ocean Engineering (Study Cohort w26)

Legend:
Core Qualification Compulsory | Methodology Compulsory | Project Compulsory | Thesis Compulsory
Core Qualification Elective Compulsory | Specialisation Elective Compulsory | Focus Elective Compulsory | Interdisciplinary complement

Sample course plan B Master Naval Architecture and Ocean Engineering (NAOEMS) Dual study program

LP												
1	**Structural Analysis of Ships and Offshore Structures**			**Seakeeping of Ships and Laboratory on Naval Architecture (part 2)**			**Research Project Naval Architecture and Ocean Engineering**			**Marine Auxiliaries (part 2)**		
2	Structural Analysis of Ships and Offshore Structures	VL	2	Laboratory on Naval Architecture	PR	2				Auxiliary Systems on Board of Ships	VL	2
3	Structural Analysis of Ships and Offshore Structures	GÜ	2	**Maritime Technology and Maritime Systems (part 2)**						Auxiliary Systems on Board of Ships	HÜ	1
4				Analysis of Maritime Systems	VL	2				**Master Thesis (Dual Study Program)**		
5				Analysis of Maritime Systems	GÜ	1						
6				**Practical Module 2 (Dual Study Program, Master's Degree)**								
7	**Ship Vibration**			Practical term 2		0						
8	Ship Vibration	VL	2									
9	Ship Vibration	GÜ	2									
10												
11												
12												
13	**Seakeeping of Ships and Laboratory on Naval Architecture (part 1)**						**Practical Module 3 (Dual Study Program, Master's Degree)**					
14	Seakeeping of Ships	VL	2				Practical term 3		0			
15	Seakeeping of Ships	GÜ	2									
16				**Computational Structural Dynamics**								
17	**Maritime Technology and Maritime Systems (part 1)**			Computational Structural Dynamics	VL	3						
18	Introduction to Maritime Technology	VL	2	Computational Structural Dynamics	GÜ	1						
19	Introduction to Maritime Technology	GÜ	1									
20	**Practical Module 1 (Dual Study Program, Master's Degree)**			**Numerical Algorithms in Structural Mechanics**			**Nonlinear Structural Analysis**					
21	Practical term 1		0	Numerical Algorithms in Structural Mechanics	VL	2	Nonlinear Structural Analysis	VL	3			
22				Numerical Algorithms in Structural Mechanics	GÜ	2	Nonlinear Structural Analysis	GÜ	1			
23												
24												
25												
26												
27				**Computational Fluid Dynamics II**			**Marine Auxiliaries (part 1)**					
28				Computational Fluid Dynamics II	VL	2	Electrical Installation on Ships	VL	2			
29				Computational Fluid Dynamics II	HÜ	2	Electrical Installation on Ships	HÜ	1			
30												
31							**Advanced Ship Design**					
32							Advanced Ship Design	VL	2			
33							Advanced Ship Design	HÜ	2			
34				**Special Topics of Ship Structural Design**								
35				Special Topics of Ship Structural Design	VL	2						
36				Special topics of ship structural design	PBL	2						
37												
38							**Fatigue Strength of Ships and Offshore Structures**					
39							Fatigue Strength of Ships and Offshore Structures	VL	2			
40							Fatigue Strength of Ships and Offshore Structures	GÜ	2			
41												
	Linking Theory and Practice (Dual Study Program, Master's degree) (from catalogue) - 6LP											

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