Course of Study Naval Architecture and Ocean Engineering (Study Cohort w25)

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

Sample course plan A Master Naval Architecture and Ocean Engineering (SBMS) Dual study program

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**	**Master Thesis (Dual Study Program)**
2	Structural Analysis of Ships and Offshore Structures VL 2	Laboratory on Naval Architecture PR 2		
3	Structural Analysis of Ships and Offshore Structures GÜ 2	**Maritime Technology and Maritime Systems (part 2)**		
4		Analysis of Maritime Systems VL 2		
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	**Ship Safety**		**Practical Module 3 (Dual Study Program, Master's Degree)**	
14	Ship Safety VL 2		Practical term 3 0	
15	Ship Safety HÜ 2			
16		**Numerical Methods in Ship Design (part 2)**		
17		Numerical Methods in Ship Design VL 2		
18				
19	**Seakeeping of Ships and Laboratory on Naval Architecture (part 1)**			
20	Seakeeping of Ships VL 2	**Marine Diesel Engine Plants**		
21	Seakeeping of Ships GÜ 2	Marine Diesel Engine Plants VL 3		
22		Marine Diesel Engine Plants HÜ 1		
23	**Maritime Technology and Maritime Systems (part 1)**		**Innovative CFD Approaches**	
24	Introduction to Maritime Technology VL 2		Application of Innovative CFD Methods in Research and Development VL 2	
25	Introduction to Maritime Technology GÜ 1		Application of Innovative CFD Methods in Research and Development GÜ 2	
26	**Practical module 1 (dual study program, Master's degree)**	**Special Topics of Ship Propulsionand Hydrodynamics of High Speed Water Vehicles**		
27	Practical term 1 0	Special Topics of Ship Propulsion VL 3		
28		Hydrodynamics of High Speed Water Vehicles VL 3		
29			**Advanced Ship Design**	
30			Advanced Ship Design VL 2	
31			Advanced Ship Design HÜ 2	
32		**Ship Propellers and Cavitation**		
33		Marine Propellers VL 2		
34		Marine Propellers PBL 2		
35		Cavitation VL 2		
36	**Numerical Methods in Ship Design (part 1)**			
37	Numerical Methods in Ship Design PBL 2			

Business & Management (from catalogue) - 6LP

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.