Course of Study Naval Architecture and Ocean Engineering (Study Cohort w23)

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

Sample course plan C Master Naval Architecture and Ocean Engineering (SBMS)

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**	**Master Thesis**
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				**High-Order FEM**				
7	**Ship Vibration**			High-Order FEM	VL	3		
8	Ship Vibration	VL	2	High-Order FEM	HÜ	1		
9	Ship Vibration	GÜ	2					
10								
11								
12				**Numerical Algorithms in Structural Mechanics**				
13	**Ship Safety**			Numerical Algorithms in Structural Mechanics	VL	2	**Selected topics in Naval Architecture and Ocean Engineering (part 2)**	
14	Ship Safety	VL	2	Numerical Algorithms in Structural Mechanics	GÜ	2	Selection from a catalog	
15	Ship Safety	HÜ	2					
16							**Vibration Theory**	
17							Vibration Theory	IV	4
18				**Selected topics in Naval Architecture and Ocean Engineering (part 1)**				
19	**Seakeeping of Ships and Laboratory on Naval Architecture (part 1)**			Selection from a catalog				
20	Seakeeping of Ships	VL	2					
21	Seakeeping of Ships	GÜ	2					
22							**Manoeuvrability and Shallow Water Ship Hydrodynamics**	
23	**Maritime Technology and Maritime Systems (part 1)**						Manoeuvrability of Ships	VL	2
24	Introduction to Maritime Technology	VL	2				Shallow Water Ship Hydrodynamics	VL	2
25	Introduction to Maritime Technology	GÜ	1					
26								
27								
28							**Arctic Technology**	
29							Ship structural design for arctic conditions	PBL	2
30							Ice Engineering	VL	2
31							Ice Engineering	GÜ	1
32								
33								

Business & Management (from catalogue) - 6LP

Non-technical Courses for Master (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.