

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

Legend:
 Core Course (Yellow)
 Specialisation Elective (Green)
 Focus Elective (Orange)
 Interdisciplinary complement (Light Blue)
 Core Qualification Elective (Light Green)
 Specialisation Elective Compulsory (Light Orange)
 Focus Elective Compulsory (Light Yellow)
 Interdisciplinary complement (Light Blue)

Sample	course plan B Master Naval Architecture and Ocean Engineering (SBMS)					
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					
4			Maritime Technology and Maritime Systems (part 2)			
5			Analysis of Maritime Systems VL 2			
6			Analysis of Maritime Systems GÜ 1			
7	Ship Vibration		Computational Structural Dynamics			
8	Ship Vibration VL 2		Computational Structural Dynamics VL 3			
9	Ship Vibration GÜ 2		Computational Structural Dynamics GÜ 1			
10						
11						
12			Numerical Algorithms in Structural Mechanics			
13	Ship Safety		Numerical Algorithms in Structural Mechanics VL 2		Nonlinear Structural Analysis	
14	Ship Safety VL 2		Numerical Algorithms in Structural Mechanics GÜ 2		Nonlinear Structural Analysis VL 3	
15	Ship Safety HÜ 2				Nonlinear Structural Analysis GÜ 1	
16						
17						
18			Special topics of ship structural design			
19	Seakeeping of Ships and Laboratory on Naval Architecture (part 1)		Special Topics of Ship Structural Design VL 2		Advanced Ship Design	
20	Seakeeping of Ships VL 2		Special topics of ship structural design PBL 2		Advanced Ship Design VL 2	
21	Seakeeping of Ships GÜ 2				Advanced Ship Design HÜ 2	
22						
23	Maritime Technology and Maritime Systems (part 1)					
24	Introduction to Maritime Technology VL 2					
25	Introduction to Maritime Technology GÜ 1					
26					Fatigue Strength of Ships and Offshore Structures	
27					Fatigue Strength of Ships and Offshore Structures VL 2	
28					Fatigue Strength of Ships and Offshore Structures GÜ 2	
29						
30						
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.

