

Course of Study Naval Architecture and Ocean Engineering (Study Cohort w21)

Legend:
 Core Quota Elective Compulsory Specialisation Elective Compulsory Focus Elective Compulsory Interdisciplinary complement

Sample course plan A 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		Maritime Technology and Maritime Systems (part 2)		
4			Analysis of Maritime Systems VL 2		
5			Analysis of Maritime Systems GÜ 1		
6			Numerical Methods in Ship Design (part 2)		
7	Ship Vibration		Numerical Methods in Ship Design VL 2		
8	Ship Vibration VL 2				
9	Ship Vibration GÜ 2				
10			Marine Diesel Engine Plants		
11			Marine Diesel Engine Plants VL 3		
12			Marine Diesel Engine Plants HÜ 1		
13	Ship Safety		Innovative CFD Approaches		
14	Ship Safety VL 2		Application of Innovative CFD Methods in Research and Development VL 2		
15	Ship Safety HÜ 2		Application of Innovative CFD Methods in Research and Development GÜ 2		
16			Special Topics of Ship Propulsion and Hydrodynamics of High Speed Water Vehicles		
17			Special Topics of Ship Propulsion VL 3		
18			Hydrodynamics of High Speed Water Vehicles VL 3		
19	Seakeeping of Ships and Laboratory on Naval Architecture (part 1)		Advanced Ship Design		
20	Seakeeping of Ships VL 2		Advanced Ship Design VL 2		
21	Seakeeping of Ships GÜ 2		Advanced Ship Design HÜ 2		
22			Ship propellers and cavitation		
23	Maritime Technology and Maritime Systems (part 1)		Marine Propellers VL 2		
24	Introduction to Maritime Technology VL 2		Marine Propellers PBL 2		
25	Introduction to Maritime Technology GÜ 1		Cavitation VL 2		
26	Numerical Methods in Ship Design (part 1)				
27	Numerical Methods in Ship Design PBL 2				
28					
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.

