

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 A Master Naval Architecture and Ocean Engineering (SBMS)

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1	Structural Analysis of Ships and Offshore Structures Structural Analysis of Ships and Offshore Structures VL 2 Structural Analysis of Ships and Offshore Structures GÜ 2		Seakeeping of Ships and Laboratory on Naval Architecture (part 2)		Research Project Naval Architecture and Ocean Engineering	Master Thesis
2			Laboratory on Naval Architecture PR 2			
3			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 Ship Vibration VL 2 Ship Vibration GÜ 2		Numerical Methods in Ship Design VL 2			
8						
9						
10			Marine Diesel Engine Plants			
11			Marine Diesel Engine Plants VL 3			
12			Marine Diesel Engine Plants HÜ 1			
13	Ship Safety Ship Safety VL 2 Ship Safety HÜ 2				Innovative CFD Approaches	
14					Application of Innovative CFD Methods in Research and Development VL 2	
15					Application of Innovative CFD Methods in Research and Development GÜ 2	
16						
17			Special Topics of Ship Propulsionand Hydrodynamics of High Speed Water Vehicles			
18			Special Topics of Ship Propulsion VL 3			
19	Seakeeping of Ships and Laboratory on Naval Architecture (part 1) Seakeeping of Ships VL 2 Seakeeping of Ships GÜ 2				Advanced Ship Design Advanced Ship Design VL 2 Advanced Ship Design HÜ 2	
20						
21						
22						
23			Maritime Technology and Maritime Systems (part 1)			
24			Introduction to Maritime Technology VL 2			
25	Introduction to Maritime Technology GÜ 1					
26	Numerical Methods in Ship Design (part 1) Numerical Methods in Ship Design PBL 2					
27						
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.

