

Course of Study Naval Architecture and Ocean Engineering (Study Cohort w17)

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

Legend:

Core qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

LP	Semester 1	Form Hrs/wk	Semester 2	Form Hrs/wk	Semester 3	Form Hrs/wk	Semester 4	Form Hrs/wk		
1	Structural Analysis of Ships and Offshore Structures	VL 2	Seakeeping of Ships and Laboratory on Naval Architecture (part 2)	FL 2	Research Project Naval Architecture and Ocean Engineering		Master Thesis			
2									Laboratory on Naval Architecture	
3			Maritime Technology and Maritime Systems (part 2)	VL 2						
4									Analysis of Maritime Systems	
5			Analysis of Maritime Systems	UE 1						
6			Ship Vibration	VL 2					Computational Structural Dynamics	VL 3
7	Computational Structural Dynamics	UE 1								
8					Ship Vibration					
9	Ship Vibration	UE 2								
10	Ship Safety	VL 2	Numerical Algorithms in Structural Mechanics	VL 2	Nonlinear Structural Analysis	VL 3				
13									Numerical Algorithms in Structural Mechanics	UE 2
14										
15			Ship Safety	HÜ 2						
16			Ship Safety	HÜ 2						
17			Seakeeping of Ships and Laboratory on Naval Architecture (part 1)	VL 2					Special topics of ship structural design	VL 2
19	Special topics of ship structural design	PBL 2								
20					Advanced Ship Design	HÜ 2				
21	Seakeeping of Ships									
22	Seakeeping of Ships	UE 2								
23	Maritime Technology and Maritime Systems (part 1)	VL 2			Fatigue Strength of Ships and Offshore Structures	VL 2				
24									Introduction to Maritime Technology	UE 1
25										
26										
27										
28										
29										
30										
Business & Management (from catalogue) - 6LP										
Nontechnical Elective Complementary 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.