

Course of Study Naval Architecture and Ocean Engineering (Study Cohort w15)

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

Legend:

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

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			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	FL	2						
3	Structural Analysis of Ships and Offshore Structures	UE	2									
4				Maritime Technology and Maritime Systems (part 2)								
5				Analysis of Maritime Systems	VL	2						
6				Analysis of Maritime Systems	UE	1						
7	Ship Vibration			Computational Structural Dynamics								
8	Ship Vibration	VL	2	Computational Structural Dynamics	VL	3						
9	Ship Vibration	UE	2	Computational Structural Dynamics	UE	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	UE	2	Nonlinear Structural Analysis	VL	3			
15	Ship Safety	HÜ	2				Nonlinear Structural Analysis	UE	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	1	Special topics of ship structural design	POL	2	Advanced Ship Design	VL	2			
21	Seakeeping of Ships	UE	1				Advanced Ship Design	HÜ	2			
22												
23	Maritime Technology and Maritime Systems (part 1)											
24	Introduction to Maritime Technology	VL	2				Fatigue Strength of Ships and Offshore Structures					
25	Introduction to Maritime Technology	UE	1				Fatigue Strength of Ships and Offshore Structures	VL	2			
26							Fatigue Strength of Ships and Offshore Structures	UE	2			
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.