

Course of Study Naval Architecture and Ocean Engineering (Study Cohort w18)

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

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.

