

Course of Study Naval Architecture and Ocean Engineering (Study Cohort w20)

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														
3														
4									Structural Analysis of Ships and Offshore Structures	UE 2	Maritime Technology and Maritime Systems (part 2)	VL 2		
5														
6														
7	Ship Vibration	VL 2	Computational Structural Dynamics	VL 3										
8														
9														
10	Ship Vibration	UE 2	Computational Structural Dynamics	UE 1										
11														
12														
13	Ship Safety	VL 2	Numerical Algorithms in Structural Mechanics	VL 2	Nonlinear Structural Analysis	VL 3								
14														
15														
16									Ship Safety	HÜ 2	Numerical Algorithms in Structural Mechanics	UE 2	Nonlinear Structural Analysis	UE 1
17														
18														
19	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								
20														
21														
22	Seakeeping of Ships	UE 2	Special topics of ship structural design	PBL 2	Advanced Ship Design	HÜ 2								
23														
24														
25	Maritime Technology and Maritime Systems (part 1)	VL 2												
26														
27	Introduction to Maritime Technology	VL 2			Fatigue Strength of Ships and Offshore Structures	VL 2								
28														
29									Introduction to Maritime Technology	UE 1			Fatigue Strength of Ships and Offshore Structures	UE 2
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.

