

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

Sample course plan A 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 Structural Analysis of Ships and Offshore Structures	VL 2	Seakeeping of Ships and Laboratory on Naval Architecture (part 2) Laboratory on Naval Architecture	PR 2	Research Project Naval Architecture and Ocean Engineering		Master Thesis		
2									
3			Maritime Technology and Maritime Systems (part 2) Analysis of Maritime Systems	VL 2					
4		UE 2		UE 1					
5									
6				Numerical Methods in Ship Design (part 2) Numerical Methods in Ship Design					VL 2
7		Ship Vibration Ship Vibration	VL 2						
8	UE 2								
9			Marine Diesel Engine Plants Marine Diesel Engine Plants	VL 3					
10				HÜ 1					
11			Special Topics of Ship Propulsion and Hydrodynamics of High Speed Water Vehicles Special Topics of Ship Propulsion	VL 3					
12	Ship Safety Ship Safety	VL 2							
13		HÜ 2							
14			Hydrodynamics of High Speed Water Vehicles	VL 3					
15									
16			Ship propellers and cavitation Marine Propellers	VL 2					
17				PBL 2					
18				VL 2					
19	Seakeeping of Ships and Laboratory on Naval Architecture (part 1) Seakeeping of Ships	VL 2	Introduction to Maritime Technology	VL 2					
20		UE 2		UE 1					
21			Numerical Methods in Ship Design (part 1) Numerical Methods in Ship Design	PBL 2					
22									
23									
24									
25									
26									
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.

