

Course of Study Naval Architecture and Ocean Engineering (Study Cohort w23)

Legend:
Core Qualification Elective Compulsory
Specialisation Elective Compulsory
Focus Elective Compulsory
Interdisciplinary complement

Sample course plan A Master Naval Architecture and Ocean Engineering (SBMS) Dual study program											
1	Structural Analysis of Ships and Offshore Structures Structural Analysis of Ships and Offshore Structures VL 2 Structural Analysis of Ships and Offshore Structures GÜ 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 (dual study program)	
2											
3											
4											
5											
6											
7	Ship Vibration Ship Vibration VL 2 Ship Vibration GÜ 2				Practical module 2 (dual study program, Master's degree) Practical term 2 0						
8											
9											
10											
11											
12											
13	Ship Safety Ship Safety VL 2 Ship Safety HÜ 2				Practical module 3 (dual study program, Master's degree) Practical term 3 0						
14											
15											
16											
17											
18											
19	Seakeeping of Ships and Laboratory on Naval Architecture (part 1) Seakeeping of Ships VL 2 Seakeeping of Ships GÜ 2				Marine Diesel Engine Plants Marine Diesel Engine Plants VL 3 Marine Diesel Engine Plants HÜ 1						
20											
21											
22											
23	Maritime Technology and Maritime Systems (part 1) Introduction to Maritime Technology VL 2 Introduction to Maritime Technology GÜ 1				Innovative CFD Approaches Application of Innovative CFD Methods in Research and Development VL 2 Application of Innovative CFD Methods in Research and Development GÜ 2						
24											
25											
26	Practical module 1 (dual study program, Master's degree) Practical term 1 0				Special Topics of Ship Propulsionand Hydrodynamics of High Speed Water Vehicles Special Topics of Ship Propulsion VL 3 Hydrodynamics of High Speed Water Vehicles VL 3						
27											
28											
29											
30											
31											
32					Ship Propellers and Cavitation Marine Propellers VL 2 Marine Propellers PBL 2 Cavitation VL 2						
33											
34											
35											
36	Numerical Methods in Ship Design (part 1) Numerical Methods in Ship Design PBL 2										
37											
Business & Management (from catalogue) - 6LP											
Linking theory and practice (dual study program, Master's degree) (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.

