

Course of Study Energy Systems (Study Cohort w22)

Sample course plan C. Master Energy Systems (ENTMS) Dual study program

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

Specialisation Marine Engineering

1	Practical module 1 (dual study program, Master's degree) Practical term 1 0	Practical Course Energy Systems Practical Course Energy Systems PR 6	Project Work Energy Systems	Master thesis (dual study program)
2				
3				
4				
5				
6				
7				
8				
9				
10				
11	Marine Power Engineering Electrical Installation on Ships VL 2 Electrical Installation on Ships HÜ 1 Marine Engineering VL 2 Marine Engineering HÜ 1	Practical module 2 (dual study program, Master's degree) Practical term 2 0	Practical module 3 (dual study program, Master's degree) Practical term 3 0	
12				
13				
14				
15				
16	Fluid Mechanics and Ocean Energy Fluid Mechanics II VL 2 Energy from the Ocean VL 2	Marine Diesel Engine Plants Marine Diesel Engine Plants VL 3 Marine Diesel Engine Plants HÜ 1		
17				
18				
19				
20				
21				
22	Maritime Technology and Offshore Wind Parks Introduction to Maritime Technology VL 2 Offshore Wind Parks VL 2 Introduction to Maritime Technology GÜ 1	Computational Fluid Dynamics II Computational Fluid Dynamics II VL 2 Computational Fluid Dynamics II HÜ 2	Ship Vibration Ship Vibration VL 2 Ship Vibration GÜ 2	
23				
24				
25				
26				
27	Selected Topics of Marine Engineering - Option A (part 1) Selection from a catalog	Selected Topics of Marine Engineering - Option A (part 2) Selection from a catalog		
28				
29				
30				
31	Air Conditioning Air Conditioning VL 3 Air Conditioning HÜ 1			
32				
33				
34				
35				
36				
37				
38				
39				
40				
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.

