

Course of Study Energy Systems (Study Cohort w22)

Sample course plan C. Master Energy Systems (ENTMS)

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	Marine Power Engineering		Practical Course Energy Systems
2	Electrical Installation on Ships VL 2		Practical Course Energy Systems PR 6
3	Electrical Installation on Ships HÜ 1		
4	Marine Engineering VL 2		
5	Marine Engineering HÜ 1		
6			
7	Fluid Mechanics and Ocean Energy		Marine Diesel Engine Plants
8	Fluid Mechanics II VL 2		Marine Diesel Engine Plants VL 3
9	Energy from the Ocean VL 2		Marine Diesel Engine Plants HÜ 1
10			
11			
12			
13	Maritime Technology and Offshore Wind Parks		Computational Fluid Dynamics II
14	Introduction to Maritime Technology VL 2		Computational Fluid Dynamics II VL 2
15	Offshore Wind Parks VL 2		Computational Fluid Dynamics II HÜ 2
16	Introduction to Maritime Technology GÜ 1		
17			
18			
19	Selected Topics of Marine Engineering - Option A (part 1)		Selected Topics of Marine Engineering - Option A (part 2)
20	Selection from a catalog		Selection from a catalog
21			
22			
23			
24			
25			Air Conditioning
26			Air Conditioning VL 3
27			Air Conditioning HÜ 1
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.

