

Course of Study Energy Systems (Study Cohort w22)

Sample course plan D 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	Control Systems Theory and Design		Marine Diesel Engine Plants
8	Control Systems Theory and Design VL 2		Marine Diesel Engine Plants VL 3
9	Control Systems Theory and Design GÜ 2		Marine Diesel Engine Plants HÜ 1
10			
11			
12			
13	Maritime Technology and Offshore Wind Parks		Numerical Methods for Ordinary Differential Equations
14	Introduction to Maritime Technology VL 2		Numerical Treatment of Ordinary Differential Equations VL 2
15	Offshore Wind Parks VL 2		Numerical Treatment of Ordinary Differential Equations GÜ 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			Turbomachinery
26			Turbomachines VL 3
27			Turbomachines 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.

