

# Course of Study Energy Systems (Study Cohort w20)

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	<b>Practical Course Energy Systems</b>		<b>Marine Diesel Engine Plants</b>
2	Practical Course Energy Systems PR 6		Marine Diesel Engine Plants VL 3
3			Marine Diesel Engine Plants HÜ 1
4			
5			
6			
7	<b>Marine Power Engineering</b>		<b>Numerical Treatment of Ordinary Differential Equations</b>
8	Electrical Installation on Ships VL 2		Numerical Treatment of Ordinary Differential Equations VL 2
9	Electrical Installation on Ships HÜ 1		Numerical Treatment of Ordinary Differential Equations GÜ 2
10	Marine Engineering VL 2		
11	Marine Engineering HÜ 1		
12			
13	<b>Control Systems Theory and Design</b>		<b>Selected Topics of Marine Engineering - Option A (part 2)</b>
14	Control Systems Theory and Design VL 2		Selection from a catalog
15	Control Systems Theory and Design GÜ 2		
16			
17			
18			
19	<b>Maritime Technology and Offshore Wind Parks</b>		<b>Turbomachinery</b>
20	Introduction to Maritime Technology VL 2		Turbomachines VL 3
21	Offshore Wind Parks VL 2		Turbomachines HÜ 1
22	Introduction to Maritime Technology GÜ 1		
23			
24			
25	<b>Selected Topics of Marine Engineering - Option A (part 1)</b>		
26	Selection from a catalog		
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.

