

Course of Study Energy Systems (Study Cohort w18)

Sample course plan D Master Energy Systems (ENTMS)
Specialisation Marine Engineering

Legend:

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

LP	Semester 1	Form Hrs/wk	Semester 2	Form Hrs/wk	Semester 3	Form Hrs/wk	Semester 4	Form Hrs/wk		
1	Practical Course Energy Systems	PR 6	Marine Diesel Engine Plants	VL 3	Project Work Energy Systems		Master Thesis			
2									Practical Course Energy Systems	HÜ 1
3									Practical Course Energy Systems	HÜ 1
4										
5										
6										
7	Marine Power Engineering	VL 2	Automation and Simulation	VL 3						
8									Electrical Installation on Ships	HÜ 1
9									Electrical Installation on Ships	HÜ 1
10									Marine Engineering	HÜ 1
11									Marine Engineering	HÜ 1
12										
13	Control Systems Theory and Design	VL 2	Selected Topics of Marine Engineering - Option A (part 2)	SE 6	Seminar Energy Systems	SE 6				
14									Control Systems Theory and Design	UE 2
15									Control Systems Theory and Design	UE 2
16									Control Systems Theory and Design	UE 2
17										
18										
19	Maritime Technology and Offshore Wind Parks	VL 2	Combined Heat and Power and Combustion Technology	VL 3	Thermal Engineering	VL 3				
20									Introduction to Maritime Technology	HÜ 1
21									Offshore Wind Parks	HÜ 1
22									Offshore Wind Parks	HÜ 1
23									Introduction to Maritime Technology	HÜ 1
24	Introduction to Maritime Technology	HÜ 1								
25	Selected Topics of Marine Engineering - Option A (part 1)	UE 1	HÜ 1							
26									Selection from a catalog	
27									Selection from a catalog	
28									Selection from a catalog	
29									Selection from a catalog	
30									Selection from a catalog	
Business & Management (from catalogue) - 6LP										
Nontechnical Elective Complementary 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.

