

Course of Study Energy Systems (Study Cohort w15)

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

Legend:

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

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

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.