Course of Study Energy Systems (Study Cohort w21)

Sample course plan D Master Energy Systems (ENTMS)

Specialisation Marine Engineering

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

LP												
1	**Practical Course Energy Systems**			**Marine Diesel Engine Plants**				**Project Work Energy Systems**				**Master Thesis**
2	Practical Course Energy Systems	PR	6	Marine Diesel Engine Plants	VL	3						
3				Marine Diesel Engine Plants	HÜ	1						
4												
5												
6												
7	**Marine Power Engineering**			**Numerical Treatment of Ordinary Differential Equations**								
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	**Control Systems Theory and Design**			**Selected Topics of Marine Engineering - Option A (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	GÜ	2									
16												
17												
18												
19	**Maritime Technology and Offshore Wind Parks**			**Turbomachinery**				**Thermal Energy Systems**				
20	Introduction to Maritime Technology	VL	2	Turbomachines	VL	3		Thermal Engergy Systems	VL	3		
21	Offshore Wind Parks	VL	2	Turbomachines	HÜ	1		Thermal Engergy Systems	HÜ	1		
22	Introduction to Maritime Technology	GÜ	1									
23												
24												
25	**Selected Topics of Marine Engineering - Option A (part 1)**											
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.