Course of Study Energy Systems (Study Cohort w23)

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

Sample course plan C Master Energy Systems (ENTMS)

Specialisation Marine Engineering

LP											
1	**System Simulation**			**Practical Course Energy Systems**			**Project Work Energy Systems**			**Master Thesis**	
2	System Simulation Modul	VL	2	Practical Course Energy Systems	PR	6					
3	System Simulation Modul	HÜ	2								
4											
5											
6											
7	**Marine Power Engineering**			**Marine Diesel Engine Plants**							
8	Electrical Installation on Ships	VL	2	Marine Diesel Engine Plants	VL	3					
9	Electrical Installation on Ships	HÜ	1	Marine Diesel Engine Plants	HÜ	1					
10	Marine Engineering	VL	2								
11	Marine Engineering	HÜ	1								
12											
13	**Fluid Mechanics and Ocean Energy**			**Computational Fluid Dynamics II**			**Ship Vibration**				
14	Fluid Mechanics II	VL	2	Computational Fluid Dynamics II	VL	2	Ship Vibration	VL	2		
15	Energy from the Ocean	VL	2	Computational Fluid Dynamics II	HÜ	2	Ship Vibration	GÜ	2		
16											
17											
18											
19	**Maritime Technology and Offshore Wind Parks**			**Selected Topics of Marine Engineering - Option A (part 2)**							
20	Introduction to Maritime Technology	VL	2	Selection from a catalog							
21	Offshore Wind Parks	VL	2								
22	Introduction to Maritime Technology	GÜ	1								
23											
24											
25	**Selected Topics of Marine Engineering - Option A (part 1)**			**Air Conditioning**							
26	Selection from a catalog			Air Conditioning	VL	3					
27				Air Conditioning	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.