

Course of Study Energy Systems (Study Cohort w16)

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

