Course of Study Energy Systems (Study Cohort w22)

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

Sample course plan B Master Energy Systems (ENTMS)

Specialisation Energy Systems

LP								
1	**Thermal Energy Systems**			**Practical Course Energy Systems**			**Project Work Energy Systems**	**Master Thesis**
2	Thermal Engergy Systems	VL	3	Practical Course Energy Systems	PR	6		
3	Thermal Engergy Systems	HÜ	1					
4								
5								
6								
7	**Fluid Mechanics and Ocean Energy**			**Use of Solar Energy**				
8	Fluid Mechanics II	VL	2	Solar Power Generation	VL	2		
9	Energy from the Ocean	VL	2	Energy Meteorology	VL	1		
10				Energy Meteorology	GÜ	1		
11				Collector Technology	VL	2		
12								
13	**Vibration Theory**			**Marine Diesel Engine Plants**			**Seminar Energy Systems**	
14	Vibration Theory	IV	4	Marine Diesel Engine Plants	VL	3	Seminar Energy Systems	SE 6
15				Marine Diesel Engine Plants	HÜ	1		
16								
17								
18								
19	**Electrical Power Systems I: Introduction to Electrical Power Systems**			**Turbomachinery**			**Selected Topics of Energy Systems - Option A (part 2)**	
20	Electrical Power Systems I: Introduction to Electrical Power Systems	VL	3	Turbomachines	VL	3	Selection from a catalog	
21	Electrical Power Systems I: Introduction to Electrical Power Systems	GÜ	2	Turbomachines	HÜ	1		
22								
23								
24								
25				**Selected Topics of Energy Systems - 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.