

Course of Study Energy Systems (Study Cohort w15)

Sample course plan B Master Energy Systems (ENTMS)
Specialisation Energy Systems

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			Combined Heat and Power and Combustion Technology			Project Work Energy Systems			Master Thesis		
2	Practical Course Energy Systems	FL	6	Combined Heat and Power and Combustion Technology	VL	3						
3				Combined Heat and Power and Combustion Technology	HÜ	1						
4												
5												
6												
7	Thermal Engineering			Turbomachinery								
8	Thermal Engineering	VL	3	Turbomachines	VL	3						
9	Thermal Engineering	HÜ	1	Turbomachines	HÜ	1						
10												
11												
12												
13	Fluid Mechanics and Ocean Energy			Steam Generators			Seminar Energy Systems					
14	Fluid Mechanics II	VL	2	Steam Generators	VL	3	Seminar Energy Systems	SE	6			
15	Energy from the Ocean	VL	2	Steam Generators	HÜ	1						
16												
17												
18												
19	Vibration Theory			Marine Diesel Engine Plants			Selected Topics of Energy Systems (part 2)					
20	Vibration Theory	VL	3	Marine Diesel Engine Plants	VL	3	Selection from a catalog					
21				Marine Diesel Engine Plants	HÜ	1						
22												
23												
24												
25	Electrical Power Supply			Selected Topics of Energy Systems (part 1)								
26	Electrical Power Supply	VL	4	Selection from a catalog								
27	Electrical Power Supply	HÜ	2									
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.