

# Course of Study Energy Systems (Study Cohort w18)

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

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

