

# Course of Study Energy Systems (Study Cohort w21)

Sample course plan B Master Energy Systems (ENTMS)

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

