

Course of Study Energy Systems (Study Cohort w21)

Sample course plan A 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	Practical Course Energy Systems			Computational Fluid Dynamics II				Project Work Energy Systems				Master Thesis			
2	Practical Course Energy Systems	PR	6	Computational Fluid Dynamics II	VL	2									
3				Computational Fluid Dynamics II	HÜ	2									
4															
5															
6															
7	Thermal Energy Systems			Air Conditioning											
8	Thermal Energy Systems	VL	3	Air Conditioning	VL	3									
9	Thermal Energy Systems	HÜ	1	Air Conditioning	HÜ	1									
10															
11															
12															
13	Finite Elements Methods			Turbomachinery				Innovative CFD Approaches							
14	Finite Element Methods	VL	2	Turbomachines	VL	3	Application of Innovative CFD Methods in Research and Development	VL	2						
15	Finite Element Methods	HÜ	2	Turbomachines	HÜ	1	Application of Innovative CFD Methods in Research and Development	GÜ	2						
16															
17															
18															
19	Aircraft Energy Systems							Aircraft Cabin Systems							
20	Aircraft Energy Systems	VL	3				Aircraft Cabin Systems	VL	3						
21	Aircraft Energy Systems	HÜ	2				Aircraft Cabin Systems	HÜ	1						
22															
23															
24															
25	Marine Power Engineering														
26	Electrical Installation on Ships	VL	2												
27	Electrical Installation on Ships	HÜ	1												
28	Marine Engineering	VL	2												
29	Marine Engineering	HÜ	1												
30															
Business & Management (from catalogue) - 6LP															
Non-technical Courses for Master (from catalogue) - 6LP															
Technical Complementary Course for ENTMS, Option B (according to Subject Specific Regulations) - 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.

