

Course of Study Energy Systems (Study Cohort w22)

Sample course plan A Master Energy Systems (ENTMS)

Specialisation Energy Systems		Semester 2		Semester 3		Semester 4		
	Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk
1	Thermal Energy Systems		Practical Course Energy Systems		Project Work Energy Systems		Master Thesis	
2	Thermal Energy Systems	VL 3	Practical Course Energy Systems	PR 6				
3	Thermal Energy Systems	HÜ 1						
4								
5								
6								
7	Finite Elements Methods		Computational Fluid Dynamics II					
8	Finite Element Methods	VL 2	Computational Fluid Dynamics II	VL 2				
9	Finite Element Methods	HÜ 2	Computational Fluid Dynamics II	HÜ 2				
10								
11								
12								
13	Aircraft Energy Systems		Air Conditioning		Innovative CFD Approaches			
14	Aircraft Energy Systems	VL 3	Air Conditioning	VL 3	Application of Innovative CFD Methods in Research and Development	VL 2		
15	Aircraft Energy Systems	HÜ 2	Air Conditioning	HÜ 1	Application of Innovative CFD Methods in Research and Development	GÜ 2		
16								
17								
18								
19	Marine Power Engineering		Turbomachinery		Aircraft Cabin Systems			
20	Electrical Installation on Ships	VL 2	Turbomachines	VL 3	Aircraft Cabin Systems	VL 3		
21	Electrical Installation on Ships	HÜ 1	Turbomachines	HÜ 1	Aircraft Cabin Systems	HÜ 1		
22	Marine Engineering	VL 2						
23	Marine Engineering	HÜ 1						
24								
25								
26								
27								
28								
29								
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.

