

Course of Study Energy Systems (Study Cohort w22)

Sample course plan A Master Energy Systems (ENTMS) Dual study program

Specialisation Energy Systems		Semester 2		Semester 3		Semester 4		
	Form	Hrs/wk		Form	Hrs/wk		Form	Hrs/wk
1	Practical module 1 (dual study program, Master's degree)		Practical Course Energy Systems		Project Work Energy Systems		Master thesis (dual study program)	
2	Practical term 1		Practical Course Energy Systems					
3								
4								
5								
6								
7								
8			Practical module 2 (dual study program, Master's degree)					
9			Practical term 2					
10								
11	Thermal Energy Systems							
12	Thermal Energy Systems		VL		3			
13	Thermal Energy Systems		HÜ		1			
14								
15								
16								
17	Finite Elements Methods		Computational Fluid Dynamics II					
18	Finite Element Methods		VL		2			
19	Finite Element Methods		HÜ		2			
20								
21								
22								
23	Aircraft Energy Systems		Air Conditioning					
24	Aircraft Energy Systems		VL		3		Application of Innovative CFD Methods in Research and Development	
25	Aircraft Energy Systems		HÜ		2		Application of Innovative CFD Methods in Research and Development	
26								
27								
28								
29	Marine Power Engineering		Turbomachinery				Aircraft Cabin Systems	
30	Electrical Installation on Ships		VL		2		Aircraft Cabin Systems	
31	Electrical Installation on Ships		HÜ		1		Aircraft Cabin Systems	
32	Marine Engineering		VL		2			
33	Marine Engineering		HÜ		1			
34								
Business & Management (from catalogue) - 6LP								
Linking theory and practice (dual study program, Master's degree) (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.

