

Course of Study Energy Systems (Study Cohort w19)

Sample course plan A Master Energy Systems (ENTMS)

		Semester 1		Semester 2		Semester 3		Semester 4	
		Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk	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 Engineering			Air Conditioning					
8	Thermal Engineering	VL	3	Air Conditioning	VL 3				
9	Thermal Engineering	HÜ	1	Air Conditioning	HÜ 1				
10									
11									
12									
13	Finite Elements Methods			Combined Heat and Power and Combustion Technology		Innovative CFD Approaches			
14	Finite Element Methods	VL	2	Combined Heat and Power and Combustion Technology	VL 3	Application of Innovative CFD Methods in Research and Development	VL 2		
15	Finite Element Methods	HÜ	2	Combined Heat and Power and Combustion Technology	HÜ 1	Application of Innovative CFD Methods in Research and Development	GÜ 2		
16									
17									
18									
19	Aircraft Systems I			Turbomachinery		Aircraft Cabin Systems			
20	Aircraft Systems I	VL	3	Turbomachines	VL 3	Aircraft Cabin Systems	VL 3		
21	Aircraft Systems I	HÜ	2	Turbomachines	HÜ 1	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									

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.

