

Course of Study Energy Systems (Study Cohort w23)

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					
1	System Simulation		Practical Course Energy Systems		
2	System Simulation Modul VL 2	Practical Course Energy Systems PR 6		Master Thesis	
3	System Simulation Modul HÜ 2				
4					
5					
6					
7	Thermal Energy Systems		Dimensioning and Assessment of Renewable Energy Systems (part 2)		
8	Thermal Energy Systems VL 3	Heat Provision from Renewable Sources of Energy SE 2			
9	Thermal Energy Systems HÜ 1	Use of Solar Energy			
10		Solar Power Generation VL 2			
11		Energy Meteorology VL 1			
12		Energy Meteorology GÜ 1			
13		Collector Technology VL 2			
14	Dimensioning and Assessment of Renewable Energy Systems (part 1)		Seminar Energy Systems		
15	Electricity Generation from Renewable Sources of Energy SE 2	Seminar Energy Systems SE 6			
16	Environmental Technology and Energy Economics PBL 2				
17		Marine Diesel Engine Plants			
18	Fluid Mechanics and Ocean Energy	Marine Diesel Engine Plants VL 3			
19	Fluid Mechanics II VL 2	Marine Diesel Engine Plants HÜ 1			
20	Energy from the Ocean VL 2				
21		Turbomachinery			
22		Turbomachines VL 3			
23		Turbomachines HÜ 1			
24	Electrical Power Systems I: Introduction to Electrical Power Systems		Selected Topics of Energy Systems - Option B (part 2)		
25	Electrical Power Systems I: Introduction to Electrical Power Systems VL 3	Selection from a catalog			
26	Electrical Power Systems I: Introduction to Electrical Power Systems GÜ 2				
27		Selected Topics of Energy Systems - Option B (part 1)			
28		Selection from a catalog			
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.

