

Course of Study Renewable Energies (Study Cohort w21)

Sample course plan C Master Renewable Energies (REMS)

Core Qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core Qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

Specialisation Solar Energy Systems

Year	Course Name	Code	Credits	Category
1	Fluid Mechanics and Ocean Energy			
2	Fluid Mechanics II	VL	2	Core Qualification Compulsory
3	Energy from the Ocean	VL	2	Core Qualification Compulsory
4				
5				
6				
7	Electrical Power Systems I: Introduction to Electrical Power Systems			
8	Electrical Power Systems I: Introduction to Electrical Power Systems	VL	3	Core Qualification Compulsory
9	Electrical Power Systems I: Introduction to Electrical Power Systems	GÜ	2	Core Qualification Elective Compulsory
10				
11				
12				
13	Bioenergy			
14	Biofuels Process Technology	VL	1	Core Qualification Compulsory
15	Biofuels Process Technology	GÜ	1	Core Qualification Elective Compulsory
16	Thermal Biomass Utilization	VL	2	Core Qualification Compulsory
17	World Market for Commodities from Agriculture and Forestry	VL	1	Core Qualification Compulsory
18	Thermal Biomass Utilization	PR	1	Core Qualification Elective Compulsory
19				
20	Energy Projects - Development and Assessment			
21	Development of Renewable Energy Projects	VL	2	Core Qualification Compulsory
22	Economics of an Energy Provision from Renewables	VL	1	Core Qualification Compulsory
23	Economics of an Energy Provision from Renewables	PS	1	Core Qualification Elective Compulsory
24	Renewable Energy Projects in Emerged Markets	PS	2	Core Qualification Elective Compulsory
25				
26	Dimensioning and Assessment of Renewable Energy Systems (part 1)			
27	Electricity Generation from Renewable Sources of Energy	SE	2	Core Qualification Compulsory
28	Environmental Technology and Energy Economics	PBL	2	Core Qualification Elective Compulsory
29				
30				
31				
32				
33				
34				
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.

