

Legend:

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

LP	Semester 1	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk											
1	Fluid Mechanics and Ocean Energy			Dimensioning and Assessment of Renewable Energy Systems (part 2)			Thermal Engineering			Master Thesis													
2													Fluid Mechanics II	VL	2	Heat Provision from Renewable Sources of Energy	SE	2	Thermal Engineering	VL	3		
													Energy from the Ocean	VL	2				Thermal Engineering	HÜ	1		
3																							
4																							
5																							
6	Electrical Power Systems I			Electricity Generation from Wind and Hydro Power																			
7																Wind Turbine Plants	VL	2					
8																Wind Energy Use - Focus Offshore	VL	1					
9																Hydro Power Use	VL	1					
10																Renewable Energy Projects in Emerged Markets	PS	1	Examples in Solid Process Engineering				
11																Electrical Power Systems I	VL	3					
12	Electrical Power Systems I	HÜ	2	Use of Solar Energy																			
13																							
14																							
15																							
16																							
17																							
18	Bioenergy			System Aspects of Renewable Energies																			
19													Sustainable Mobility	VL	2	Energy Trading	VL	1	Wastewater Treatment and Air Pollution Abatement				
20													Biofuels Process Technology	VL	1	Energy Trading	UE	1	Air Pollution Abatement	VL	2		
21													Biofuels Process Technology	UE	1	Fuel Cells, Batteries, and Gas Storage: New Materials for Energy Production and Storage	VL	2	Biological Wastewater Treatment	VL	2		
22													Thermal Utilization of Biomass	VL	2								
23													World Market for Agricultural Commodities	VL	1								
24	Energy Projects and their Assessment			Deep Geothermal Energy																			
25																							
26																							
27																							
28																							
29																							
30	Modeling and technical design of biorefinery processes																						
31																							
32																							
33	Dimensioning and Assessment of Renewable Energy Systems (part 1)			Waste and Energy																			
34													Electricity Generation from Renewable Sources of Energy	SE	2	Waste Recycling Technologies	VL	2					
35													Environmental Technology and Energy Economics	PBL	2	Waste Recycling Technologies	UE	1					
36																Waste to Energy	PBL	2					
37																							
38																							
39	Business & Management (from catalogue) - 6LP																						

business & management (from catalogue) - 6LP

Nontechnical Elective Complementary 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.