

Legende

Core qualification
Compulsory

Focus Compulsory

Thesis 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	VL	2	Dimensioning and Assessment of Renewable Energy Systems (part 2)	SE	2	Thermal Engineering	VL	3	Master Thesis									
2											Fluid Mechanics II	VL	2	Heat Provision from Renewable Sources of Energy	SE	2	Thermal Engineering	HÜ	1
3											Energy from the Ocean	VL	2	Electricity Generation from Wind and Hydro Power	VL	2	Wind Turbine Plants	VL	1
4																			
5																			
6																			
7																			
8	Electrical Power Systems I	VL	3	Renewable Energy Projects in Emerged Markets	PS	1	Energy Information Systems and Electromobility	VL	2										
9											Electrical Power Systems I	HÜ	2	Electro mobility	VL	2			
10											Use of Solar Energy	VL	2	Solar Power Generation	VL	1			
11																			
12																			
13																			
14																			
15	Bioenergy	VL	2	Collector Technology	VL	2	Maritime Technology and Offshore Wind Parks	VL	2										
16											Sustainable Mobility	VL	1	System Aspects of Renewable Energies	VL	1			
17											Biofuels Process Technology	UE	1	Energy Trading	UE	1			
18											Biofuels Process Technology	VL	2	Energy Trading	UE	1			
19											Thermal Utilization of Biomass	VL	1	Fuel Cells, Batteries, and Gas Storage: New Materials for Energy Production and Storage	VL	2			
20											World Market for Agricultural Commodities	VL	1	Deep Geothermal Energy	VL	2			
21	Energy Projects and their Assessment	VL	1	Modeling and technical design of biorefinery processes	PK	2													
22										Development of Renewable Energy Projects	VL	2	CAPE in Energy Engineering	PBL	2				
23										Economics of an Energy Provision from Renewables	PS	1	Biorefineries - Technical Design and Optimization	PBL	2				
24										Economics of an Energy Provision from Renewables	VL	2							
25										Sustainability Management	VL	2							
26										Dimensioning and Assessment of Renewable Energy Systems (part 1)	SE	2	Maritime Transport	VL	2				
27	Electricity Generation from Renewable Sources of Energy	PBL	2	Maritime Transport	UE	2													
28	Environmental Technology and Energy Economics	PBL	2	Maritime Transport	UE	2													
29																			
30																			
31																			
32																			
	Business & Management (from catalogue) - 6LP																		

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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.