

Legend:

Core qualification
Compulsory

Specialisation 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			Bioenergy and Logistics (part 2)			Electrical Energy Technology			Master Thesis				
2		Fluid Mechanics II	VL		2	Transport Logistics		PS	2		Basics of the Electrical Energy Technology	VL	2	
3		Energy from the Ocean	VL		2	Electricity Generation from Wind and Hydro Power					Grid Integration and Electrical Energy Storage	VL	2	
4								Wind Turbine Plants	VL		2	Electrical Energy Transmission and Distribution	VL	2
5								Wind Energy Use – Focus Offshore	VL		1			
6								Hydro Power Use	VL		1			
7		Projects and their Assessment				Renewable Energy Projects in Emerged Markets		PS	1		Thermal Engineering			
8	Development of Renewable Energy Projects		VL	2			Thermal Engineering	VL	3					
9	Legal Aspects Related to the Use of Renewable Sources of Energy		SE	2	Use of Solar Energy			Thermal Engineering	HÜ			1		
10	Economics of an Energy Provision from Renewables		VL	1		Solar Power Generation	VL	2						
11						Radiation and Optic	VL	1						
12	Economics of an Energy Provision from Renewables		PS	1		Radiation and Optic	UE	1						
13					Collector Technology	VL	2	Electric Power Systems I						
14	Sustainability Management	VL	2				Electric Power Systems I		VL		3			
15	Bioenergy and Logistics (part 1)			System Aspects of Renewable Energies			Electric Power Systems I		HÜ	2				
16		Energy from Biomass	VL		2	Energy Trading	VL		1					
17		Sustainable Mobility	VL		2	Energy Trading	UE	1						
18		Energy from Biomass	UE		1	Fuel Cells, Batteries, and Gas Storage: New Materials for Energy Production and Storage	VL	2						
19	Renewable Energies in Supply Systems (part 1)						Dimensioning and Assessment of Renewable Energy Systems (part 2)							
20		Electricity Generation from Renewable Sources of Energy	SE	2	Deep Geothermal Energy	VL		2	Environmental Technology and Energy Economics	PBL	2			
21	Offshore Wind Parks			Renewable Energies in Supply Systems (part 2)			Asset Management and Superordinate Aspects (part 2)							
22		Introduction to Maritime Technology	VL		3	Heat Provision from Renewable Sources of Energy		SE	2					
23		Offshore Wind Parks	VL		2					Hydrogen Technology	VL	2		
24						Dimensioning and Assessment of Renewable Energy Systems (part 1)				Asset Management in the Energy Industry	VL	1		
25					CAPE in Energy Engineering		PK	2	Asset Management in the Energy Industry	UE	1			
26					Asset Management and Superordinate Aspects (part 1)			Materials for Energy Conversion Plants						
27										Building Materials, Damages and Repair	VL	3		
28									Design with Polymers and Composites	VL	2			
29														
30														
31														
	Degree of Master of Science (Environmental Engineering) 210 ECTS													

Business & Management (from catalogue) 61 D

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.