

# Course of Study Renewable Energies (Study Cohort w18)

Sample course plan B Master Renewable Energies (REMS)  
Specialisation Solar Energy Systems

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	<b>Fluid Mechanics and Ocean Energy</b>		<b>Dimensioning and Assessment of Renewable Energy Systems (part 2)</b>		<b>Thermal Engineering</b>		<b>Integration of Renewable Energies (part 2)</b>						
2		Fluid Mechanics II		VL		2		Thermal Engineering	VL	3	Integration of Renewable Energies II	VL	1
		Energy from the Ocean		VL		2		Heat Provision from Renewable Sources of Energy	SE	2	Integration of Renewable Energies II	UE	1
3						<b>Electricity Generation from Wind and Hydro Power</b>				<b>Master Thesis</b>			
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	<b>Electrical Power Systems I</b>				<b>Energy Information Systems and Electromobility</b>								
		Electrical Power Systems I	VL	3		Renewable Energy Projects in Emerged Markets	PS	1					
		Electrical Power Systems I	HÜ	2									
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13	<b>Bioenergy</b>						<b>Integration of Renewable Energies (part 1)</b>						
14		Biofuels Process Technology	VL	1	Collector Technology	VL		2	Sustainable Mobility	VL	2		
15		Biofuels Process Technology	UE	1					Integration of Renewable Energies I	VL	1		
16		Thermal Utilization of Biomass	VL	2	Energy Trading	VL		1	Integration of Renewable Energies I	UE	1		
17		Thermal Utilization of Biomass	UE	1	Energy Trading	UE		1					
18		World Market for Commodities from Agriculture and Forestry	VL	1	Fuel Cells, Batteries, and Gas Storage: New Materials for Energy Production and Storage	VL		2					
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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.