

Renewable Energy (3 semesters) (M. Eng.)

Modultafel / Modules

3	30 ECTS	Master-Thesis and Colloquium				11
		30 CP				
		Study Field „Renewable Power Engineering“		Study Field „Sustainable Engineering“		
2	30 ECTS	6	7	8	9	10
		Renewable Energy Integration and Smart Grids 5 CP	Flexible Power Generation and Storage 5 CP	Environmental Assessments 5 CP	Electro-Mobility 5 CP	Renewable Energy Project 2 10 CP
1	30 ECTS	1	2	3	4	5
		Simulation of Power Systems 5 CP	Power Control of Renewable Energy Systems 5 CP	Energy-Efficient Drives 5 CP	Biomass for Industrial Energy and Renewable Compunds 5 CP	Renewable Energy Project 1 and Project Management 10 CP

Renewable Energy (4 semesters) (M. Eng.)

Modultafel / Modules

4	30 ECTS	Master-Thesis and Colloquium 30 CP					11
		Study Field „Renewable Power Engineering“		Study Field „Sustainable Engineering“			
3	30 ECTS	6 Renewable Energy Integration and Smart Grids 5 CP	7 Flexible Power Generation and Storage 5 CP	8 Enviromental Assessments 5 CP	9 Electro-Mobility 5 CP	10 Renewable Energy Project 2 10 CP	
		1 Simulation of Power Systems 5 CP	2 Power Control of Renewable Energy Systems 5 CP	3 Energy-Efficient Drives 5 CP	4 Biomass for Industrial Energy and Renewable Compunds 5 CP	5 Renewable Energy Project 1 and Project Management 10 CP	
1	30 ECTS	A Power Electronics and Control Theory 5 CP	B Electric Power Systems 5 CP	C Electrical Machines 5 CP	D Renewable Energy 5 CP	E Cultural Diversity And Business Ethics 5 CP	F Energy Economics 5 CP