

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 Renewable Energy Integration and Smart Grids	7 Flexible Power Generation and Storage	8 Environmental Assessments	9 Electro-Mobility	10 Renewable Energy Project 2
		5 CP	5 CP	5 CP	5 CP	10 CP
1	30 ECTS	1 Simulation of Power Systems	2 Power Control of Renewable Energy Systems	3 Energy-Efficient Drives	4 Biomass for Industrial Energy and Rene- wable Compounds	5 Renewable Energy Project 1 and Project Management
		5 CP	5 CP	5 CP	5 CP	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 Environmental 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 Compounds 5 CP	⁵ Renewable Energy Project 1 and Project Management 10 CP		
2	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	
1	30 ECTS							