

Study Plan - Energy Technology and Renewable Energies (EEE)

		ECTS																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
Semester	1	Climate Change, Energy Transiti-on and Energy Potentials					Electrical Engineering 1					Statics and Strength of Materials					Computer Science Engineering					Applied Physics 1					Engineering Mathematics 1									
	2	Project Management		Technical English			Electrical Engineering 2					Technical Drawing / CAD					Materials Engineering					Applied Physics 2					Engineering Mathematics 2									
	3	Machine Elements					Electrical Systems Engineering					Applied Chemistry					Fluid Mechanics					Thermodynamics and Heat Transfer					Engineering Mathematics 3									
	4	FWPM					Solar Energy Systems					Electrical Building Equipment and Building Automation					Wind and Hydro Power Plants					Applied Control and Regulation Technology					Numerical Methods and Simulation									
		Practical Module 1																																		
	5	AWPM					Practice-Oriented Course and Academic Work					Practical Study Semester/ Mobility Window for a Period Abroad																								
			Practical Study Semester																																	
6	Energy Management					Energy Industry, -Law and -Policy					Thermal Power Plants					Energy Storage and Hydrogen Technology					Heat Pumps and Refrigeration Technology					Project Thesis										
7	FWPM					Energy Technology Workshop			Lines and Networks					Digitalization and Data Science					Bachelor's Thesis																	

ECTS

Internship Prior to Beginning The Degree (8 Weeks)

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| | Basic Modules in Mathematics and Natural Sciences | | Specialized Modules - Economics, Law, Management |
| | Basic Engineering Modules | | Specialized Modules – Renewable Energies |
| | Specialized Modules-Building Technology | | General Studies and Elective Modules |
| | Specialized Modules - Building Physics | | Professional Practice and Independent Work |
| | | | Modules Dual Degree Programme |