Curriculum of „Electrical Engineering for Sustainable and Renewable Energy“																												
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
1W	Introdution to Advanced Mathematics					Scientific Basics					Soft Skills and Culture			Academic English Skills					German Basics 1 (Level A1)					German Basics 2 (Level A2)				
2S	Mathematics 1					Lecture Series – Renewable Energy Engineering					Measurement Technology					Fundamentals of Electrical Engineering					Programming (Python)				German Basics 3 (Level B1.1)				
3W	Mathematics 2					AC Technology for Energy Engineering					Fluid Mechanics					Electric Components and Devices					Fundamentals in Computer based Measurement Technology				Technical German 4 (Level B1.2)				
4S	Mathematics 3					Mathematical Applications (Python)					Thermodynamics					Control Systems					Electrical Drives, Power Grids and Safety				Technical German 2 (Level B2.1)				
Content Integrated Language Learning																														
5W	Elektr. Antriebs- und Stromrichtertechnik (Electrical Drives and Power Converter)					Chemistry for Energy Applications					Hochspannungstechnik (High-Voltage Technology)					Leistungselektronik (Power Electronics)					Wahlpflichtfach 1 (Elective Subject 1)				Technical German 3 (Level B2.2)				
6S	Elektrische Energieverteilung (Electrical Energy Distribution)					Photovoltaik (Photovoltaics)					Elektrische Energiespeicher (Electrical Energy Storage Systems)					Intelligente Energiesysteme (Intelligent Energy Systems)					Wahlpflichtfach 2 (Elective Subject 2)				Introduction in Scientific Writing (Level C1.1)				
7W	Industrial Internship																									(Block) Seminars accompanying Internship				
8S	Bachelor Thesis												Bachelor Colloquium			Engineering Project										Wahlpflihtfach 3 (Elective Subject 3)				

Language Learning