

Syllabus

Winter Term
2015/16

for the

European Master in Renewable Energy

University of Oldenburg
(Core Provider)
1. Semester

Module	CP	Title
RE Basic	6	Winter Intro Lab RE Basics Electrical Power Systems Semi-Conductor Physics Simulation
Wind Energy	5	Wind Energy Wind Energy Tutorial Wind Energy Conversion (Lab) Excursion Wind Energy
Solar Energy	5	Solar Energy : PV Systems and Solar thermal Solar Energy Tutorial PV Cell Characteristics (Lab) Solar Collector (Lab)
Biomass & Hydro Energy	3	Biomass Energy Hydro Energy Excursion Biomass/Hydro
Energy Meteorology & Storage Technology	7	Energy Meteorology Energy Storage Technologies Fuel Cells & Hydrogen Systems Solar Spectrum (Lab) Lead-Acid Battery (Lab)
Energy Systems & Society	4	Energy Systems I Energy Economics Country Report Energy Policy

German Language Course, optional