Module	**Energy Engineering**
Semester	WPF
Duration	1 Semester
Method of Examination	Wahlpflichtfach
ECTS	5
Student's Workload	30 h compulsory attendance + 120 h self-study
Entry Requirements (MPO)	
Recommended Requirements	
Applicability	MaTMeng
Type/Duration of Assessment	written exam 2h or oral examination or project or draft or report or computer program or experimental workation
Teaching Method	Seminar form lecture, exercises
Module Coordinator	O. Böcker
Aims and Objectives	Students learn how to convert primary energy to usable energy and how to analyse and optimise these processes.
Course content	Primary energy sources, Energy conversion processes, functionality of power stations like for example wind energy plant, solar heat plants, hydropower plants or coal fired power stations.
Literature	Diekmann, B.: Energie, SpringerSpektrum

Courses

Lecturer	**Course Title**	**SPPW**
O. Böcker	Energy Engineering	4