

wcm350 - Bioenergy

Module label
Bioenergy

Module code
wcm350

Credit points
6.0 KP

Workload
180 h

Used in course of study
- Master's Programme Water and Coastal Management > Science

Contact person

Entry requirements

Skills to be acquired in this module
The module is intended to enable students to deal with different forms of bioenergy and their current perspectives. In doing so, they gain competences in the basic natural sciences of physics, chemistry and biology as well as in terms of energetic, technical, ecological and economic aspects, which must be taken into account for the synoptic evaluation of different forms of bioenergy.

Module contents
The module gives an insight into the historical origin and development, the scientific, procedural, energetic, ecological (including nature conservation) and economic fundamentals of bioenergy. Special attention is given to the perspectives of different forms of bioenergy, thus equally to their possibilities and limitations. a) Lecture "Perspectives of Bioenergy" (compulsory part) b) Seminar "Forms and Examples of Bioenergy" (optional to c) c) Exercise "Practical Bioenergy" (optional to b)

Reader's advisory

Links

Language of instruction
English

Duration (semesters)
1 Semester

Module frequency
halbjährlich

Module capacity
unlimited

Modulart
je nach Studiengang Pflicht oder Wahlpflicht

Lern-/Lehrform / Type of program

Vorkenntnisse / Previous knowledge

Examination

Final exam of module
Time of examination
Type of examination
PS

Course type
Lecture

SWS
2.00

Frequency

Workload attendance
28 h