



Friedrich-Alexander-Universität
Erlangen-Nürnberg

Bachelor | Master

Clean Energy Processes



cep.study.fau.eu

PROGRAMME

Clean Energy Processes

PROGRAMME DURATION

Bachelor: 6 semesters (Bachelor of Science) | fully English-taught
Master: 4 semesters (Master of Science) | fully English-taught

ADMISSION REQUIREMENTS

Qualification assessment test

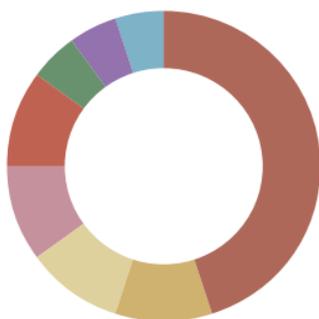
CAREER PROSPECTS

Energy production and logistics, process optimization and intensification, sustainable industry, consulting and auditing or career in academia (M.Sc./PhD)

INDIVIDUAL STUDYPLAN

Specialisation through elective modules and final thesis. In the Master's degree two specialisations, energy systems and energy technologies, and industrial internship.

SUBJECTS IN BACHELOR AND MASTER STUDY



- Chemical and process engineering
- Chemistry
- Electrical Engineering
- Mathematics
- Material Sciences
- Economics
- Physics
- Computer Sciences and informatics

WHAT WE OFFER AND WHAT YOU CONTRIBUTE

What we offer:

- > A stimulating and inspiring scientific environment including cooperations with internationally renown research institutes like the Helmholtz Institute for Renewable Energy.
- > Broad prospects for a future career with many industry contacts and possibilities for (working) student jobs.
- > A holistic approach including the socio-economic and ethical factors.
- > The opportunity to study abroad for one or two semesters or to do an internship.
- > Advice and support throughout your studies.

What you contribute:

- > An interest in the sciences and engineering as well as a curiosity towards sustainability issues and economic correlations associated with the changing climate, a good amount of team and communication skills, as your peers will become your work-, study-, and leisure-family, with joint lab courses, research projects, course assignments and extracurricular activities.