

Study Semester Renewable Resources

The University of Applied Sciences (UAS) Bingen has a tradition as an educational institution for technical and natural sciences subjects stretching back over more than a hundred years.

The Study Semester Renewable Resources at the University of Applied Sciences in Bingen offers a unique interdisciplinary insight into the field of sustainability research.

Held in English only, our lectures and workshops cover the latest scientific findings in renewable energy, sustainability as well as climate change, completing the mosaic with economic, legal, and technological aspects. Hands-on experiences along with field trips make the acquired theory tangible.

Nine classes account for a total of 33 ECTS credits maximum in the modularized programme. Applicants are expected to have completed the first two years of their higher education programme before coming to Bingen. The university aids students in finding affordable accommodation and provides a rich cultural programme introducing students to the beautiful region along the Rhine river valley, UNESCO World Heritage, its foods and customs.

Study abroad in Germany

Study Semester Renewable Resources



Contact

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Classes

Air Resources

- › Pollutant dispersion
- › Pollutant impacts on air quality
- › Technical processes for emission abatement

Renewable Energy

- › Energy – growing demand and limited supply
- › Renewability and sustainability
- › Technologies, systems costs, pay-back time

Renewable Materials

- › Material use of renewable materials
- › Chemistry, structures, properties, availability, and applications
- › Potential future development

Sustainable Agriculture

- › Concept of sustainable agriculture in different farming systems
- › Multi-functionality of agriculture
- › Conservation of plant and animal genetic resources

European Environmental Law and Politics

- › Waste law, air pollution law and energy law
- › European Environmental Politics

Climate Change : Environmental Impacts

- › Past and future climate changes
- › Impacts on forests, agriculture, biodiversity
- › Mitigation and adaption through sustainable management

Sustainable Business Administration and Simulation

- › Economics of climate change
- › Trade, development and investment theories
- › Dimensions of international commerce and development

Sales and Marketing Aspects

- › Strategies for market development and marketing messages
- › Cultural aspects and challenges in international markets
- › Business software / CRM supporting international sales activities

English for Engineers

- › Language is a tool
- › Debating, presentations, academic writing
- › Idiomatic usage



Facts about the programme

- › March to July
- › Taught in English
- › Orientation week
- › Cutting-edge science
- › Practice-oriented approach
- › Multifaceted coverage of renewable resources
- › Hands-on experiences
- › Field trips
- › Rich cultural programme
- › 33 ECTS maximum

Field trips

- › To Brussels: EU institutions' work in the practice
- › Practical-oriented team projects, excursion to manufacturing site

For application procedures, dates and current fees please visit our website: www.th-bingen.de/internationales/study-at-bingen/study-semester/