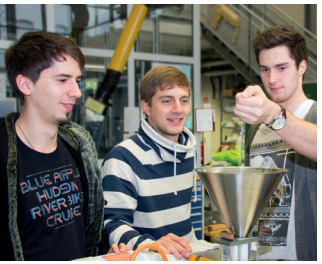
OUR UNIVERSITY



Excellent conditions for students

Students profit from small group seminars and personal contact with the professors as well as from hands-on learning and state-of-the art laboratories.

Affordable accommodation

Modern, low-priced and well-equipped student halls within walking distance of the campus ensure everything is within reach.

Many leisure activities

Amberg offers plenty of history, culture, sports and culinary events. With many pubs, bars and late night venues on offer you're guaranteed a memorable night out.

CONTACTS

For further questions, please contact your international coordinator at Novia or **Prof. Frank Späte**, International Coordinator at the Department of **Mechanical Engineering and Environmental Technology** of OTH Amberg-Weiden.

International Coordinator MB/UT
Prof. Frank Späte
Telefon: +49 (9621) 482-3340
E-Mail: f.spaete@oth-aw.de

If you need individual assistance and advice regarding your stay at OTH, please contact the International Office at international@oth-aw.de

Director International Office
Dr. Annabelle Wolff
Telefon: +49 (9621) 482-3131
E-Mail: a.wolff@oth-aw.de

Ostbayerische Technische Hochschule Amberg-Weiden
Kaiser-Wilhelm-Ring 23
92224 Amberg

NOVIA
UNIVERSITY OF APPLIED SCIENCES

Ostbayerische Technische Hochschule
Amberg-Weiden

Application Deadline
1 May

Campus Amberg

DOUBLE DEGREE PROGRAMME

ENERGY TECHNOLOGY AND ENERGY EFFICIENCY
BIOLOGICAL AND ENVIRONMENTALPROCESS ENGINEERING

DOUBLE DEGREE PROGRAMME 2018 - 2019

Making the most of your studies: Study once and obtain two Bachelor Degrees – one from your home institution Novia UAS and one from the Technical University of Applied Sciences OTH Amberg-Weiden in Bavaria. Learn more about your field of expertise from two different cultural angles, thus gaining a significant edge in a competitive global labour market.

The Double Degree Programme aims to combine the expertise and advanced knowledge of both universities in the field of energy and environmental technology.

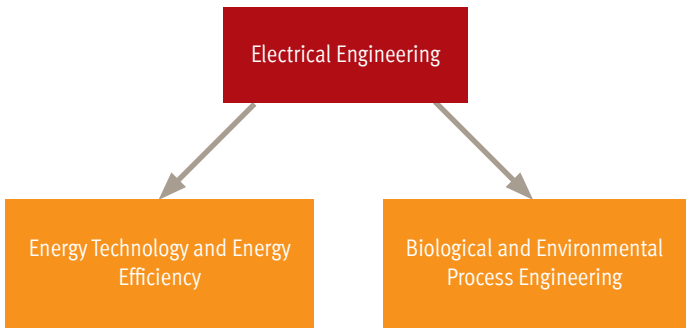
PARTICIPATING DEGREE PROGRAMMES:

Novia UAS
» Energy Technology
» Electrical Engineering

Technical University of Applied Sciences OTH Amberg-Weiden
» Energy Technology and Energy Efficiency
» Biological and Environmental Process Engineering

FROM NOVIA TO OTH – HOW IT WORKS

Students from the **Electrical Engineering Programme** at Novia can choose modules from either the **Energy Technology and Energy Efficiency** programme or the **Biological and Environmental Process Engineering** programme at the Department of Mechanical Engineering and Environmental Technology (MBUT) at the OTH.



Before starting the Double Degree Programme at OTH, the student must have completed and passed most of **three academic years**, corresponding to a total amount of at least **140 ECTS** at Novia UAS.

Six semesters at NOVIA = 140 – 180 ECTS

1–30 | 2–30 | 3–30 | 4–30 | 5–30 | 6–30

To obtain the Bachelor's degree from OTH, the student must complete at least 60 ECTS from the curriculum of the OTH, including the final paper worth 15 ECTS.

Two semesters plus final paper at OTH = 60 ECTS

1–30 | 2–30 | Minimum Number of credits: 210

ADMISSION REQUIREMENTS:

» Student has to be enrolled fulltime in Electrical Engineering at Novia
» Student has to possess a minimum level of **B2 in German**
» Student must have acquired at least **140 credits** at Novia

Students can choose their courses worth at least 45 ECTS either from **Energy Technology and Energy Efficiency** or from **Biological and Environmental Process Engineering**, depending on the degree they want to obtain.

COURSES ON OFFER

Energy Technology and Energy Efficiency	ECTS
Electrical Power Engineering	5
Energy Conversion	8
Combustion Engines	5
Rational Use of Energy	5
Decentralised Energy Systems	5
Fuel Cell Technology	2
Integrated Energy Concepts	2
Basics of Energy Technology and Energy Management	5
Mechanical Process Engineering	5
Thermal Process Engineering	5
Biogas Technology	2
Energy Management	2
Raw Materials for Renewable Energy	2
Toxicology and Hazardous Substances	2
Wind Energy	2
Energy-Efficient Buildings I	4
Power Generation from Biomass	2
Recycling Management and Urban Mining	2
Renewable Resources	2
Process Engineering of Biogenic Resources	2
Technology of Biological Wastewater Treatment	2
Biological and Environmental Process Engineering	ECTS
Environmental Chemistry I (Inorganic)	2
Environmental Chemistry II (Organic and Practical Training)	5
Environmental Analysis	8
Water and Wastewater Treatment	5
Air Pollution Control	5
Soil Treatment and Landfill Engineering	5
Recycling and Waste Technology	5
Clean Production	5
Renewable Energies	2
Rational Use of Energy	3
Mechanical Process Engineering	5
Thermal Process Engineering	5
Heat Transfer and Reaction Kinetics	5
Biotechnology	5
Biogas Technology	2
Energy Management	2
Raw Materials for Renewable Energies	2
Toxicology and Hazardous Substances	2
Water Power Plants	2
Wind Energy	2
Integrated Energy Concepts	4
Thermal Process of Waste Treatment	2
Basics of Energy Technology and Management	2
Biogas Technology	2
Process Engineering of Biogenic Resources	2
Technology of Biological Wastewater Treatment	2