

Sustainable Business and Technology

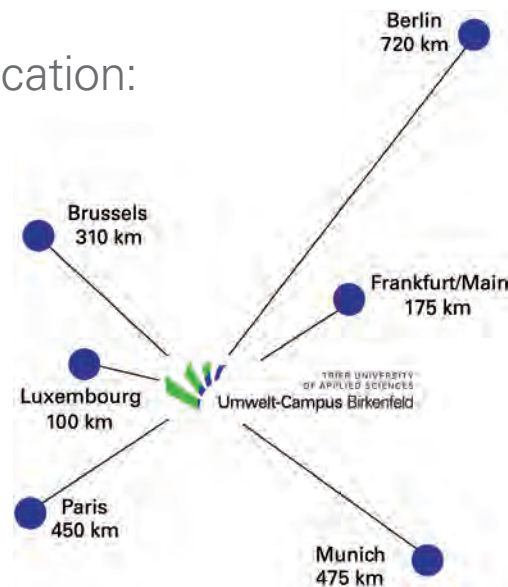
Bachelor of Engineering



Trier University of Applied Sciences
Environmental Campus Birkenfeld
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Location:



Key Features

- No tuition fees
- Live on-campus in Birkenfeld, Germany
- Orientation week
- Buddy system

Study Conditions

Participants in the program will live and study on our modern campus with over 2,500 other students of environmental business, law, sustainable science, information and media technology. All student apartments are reasonably priced. They come fully equipped and provide high-speed internet access as well as being connected to our university intranet.

The university does not charge a tuition fee for this program. But students will have to pay a general admission fee of approx. 200 Euros per semester that also allows free rail travel in the region.

On arrival at the campus, your designated student contact ("buddy") will pick you up, accompany you to your apartment, offer help with practical matters and introduce you to the social life at the campus. The buddy is a co-student at the Environmental Campus Birkenfeld who will assist you during your stay in Germany. The idea behind the buddy system is to offer assistance to international students and to foster cultural exchange and friendship across national borders.

Key Facts

Final degree: Bachelor of Engineering (B.Eng.)
Standard course length: 6 semesters
Language of instruction: English
Total ECTS points: 180
Beginning of the course: October (winter term)
Application deadline: Published online

General Requirements

- A higher education university entrance qualification
- English language proficiency:
 - TOEFL (internet-based: 79 / computer-based: 213 / paper-based: 550)
 - IELTS (band 6)
 - TOEIC (750 points / B2)

How to apply

Please visit our website for more information on the application process and the deadline:

www.umwelt-campus.de/sbt



TRIER UNIVERSITY
OF APPLIED SCIENCES
Umwelt-Campus Birkenfeld
Environmental Campus Birkenfeld



The Environmental Campus: A Unique Idea

Our campus is one of the three sites of the Trier University of Applied Sciences, which is more than 30 years old and cooperates with more than 140 partner institutions worldwide.

Founded in 1996, the Environmental Campus Birkenfeld is still very young and well equipped. We are following a residential campus concept with academic departments, libraries, residences, as well as social and sports facilities in one place.

We not only develop sustainable technologies, we also use them: energy and heat are supplied by a neighboring biomass combined heat and power station, which uses waste wood and biogas. All roofs are equipped with solar panels, the lighting and geothermal climate systems are highly energy efficient.

The Environmental Campus is located near the town of Birkenfeld on the Nahe river, close to the major European centers of Frankfurt, Luxembourg and Trier. The campus has its own railway station and is close to the Kaiserslautern-Trier motorway. It has a direct rail connection to Frankfurt Airport (100 minutes), and Ryanair's Frankfurt-Hahn hub is only 40 minutes away.

The Program

This interdisciplinary bachelor program incorporates all aspects necessary to meet the demand of young students seeking a global perspective at the edge between business and technology.

In six semesters, students will study business and engineering through innovative learning concepts. Our focus on sustainability, green technologies, and a globally interrelated perspective provides future graduates with excellent key qualifications and enables them to master the challenges of our time.

Real-life business projects as well as training in organization, methods and communication skills complete our students' academic and personal profile.

As a special benefit, German language and intercultural communication modules will pave the way for a possible professional life in Germany or German enterprises abroad.

Careers for Industrial Engineers

With the elimination of trading barriers and the increase in international connectedness, worldwide markets have opened up for companies. But a worldwide market also means increasing competition: Business decisions have become more complex, and the demands on company performance are growing. We need generalists to solve the resulting problems at the interface between technology and business.

Industrial engineers have a comprehensive view on business processes and solve problems with a view on technology as well as business. Industrial engineers make sure products work – and sell.

With their awareness that business is both global and local they make sure that multinational companies consider cultural, regional and individual needs, accompany and mediate the global integration of small- and medium-sized regional businesses, and take advantage of new trends and opportunities in the digital economy.

Job chances for industrial engineers educated in Germany are excellent. They work in all areas of the economy, in small and large enterprises, industry and commerce, consulting and insurance, utility companies and the public sector.

Natural Sciences

Mathematics
Physics
Chemistry & Ecology
Information Technology

Business Sciences

Accounting & Finance
International Law and Politics
Management & Entrepreneurship

Engineering Sciences

Principles of Engineering
Thermodynamics
Production & Supply Chain Management

Environmental Sciences

Fundamentals of Sustainable Business
Sustainable Technology Solutions
Lab Work

International Communication

German Language
Intercultural Communication

Key Skills

Scientific Methods & Concepts
Ethics and Society
Career Paths