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TECHNISCHE UNIVERSITÄT ILMENAU

Ilmenau University of Technology

University Information

The Ilmenau University of Technology is a German public research university. It was founded in 1894 and about 7,200 students are enrolled. Research and education at Ilmenau University of Technology is focused on engineering with strong links to economics and natural sciences. Along with its internationally recognised achievements in research and teaching, Ilmenau University is the pillar of innovation potential of the Ilm region and its surroundings. Master programmes are very well reputed for their scientific research standards. The University is actively involved in regional (re-)construction and submits its ideas for a technologically characterised economic environment in the regional development plan.

Living in Ilmenau

Ilmenau is situated in the valley of the Ilm river, which stretches from the doors of Erfurt - the capital of the State of Thuringia - along the Rennsteig into the natural preserve of the Thuringian Forest. It is one of the central German economic, science and tourist centres that are richest in tradition. Being the "Green Heart of Germany" is true for the Ilm district as well. It is among the most densely wooded Thuringian districts. The highest mountain of Ilmenau is the big Beerberg, with a height of 982 metres above sea level. It has a large variety of hiking regions, cycle tracks, castles and remarkable views.

University Highlights

- Among the distinguishing features of the TU Ilmenau are personal care for students from professors, tutors and student mentors
- A campus with modern buildings only a short distances apart
- The University offers a wide variety of social activities and social support; many student associations as well as diverse cultural and sports activities
- The Master's in Communications and Signal Processing programme is very well reputed for its scientific research standards
- A 100-year-long tradition in the training of engineers

EDUCATION
MADE IN GERMANY

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USPs of the TU Ilmenau:

- The university's degrees all form part of the interdisciplinary media subjects which are a more recent development and combine technology, economics, law and social studies.
- The Centre for Micro- and Nanotechnology (ZMN) is a major centre contributing greatly to the research performance of the university
- Public-private partnerships set up on new models, with the university taking a seat on the management boards of industrial companies.
- Practically-oriented study programmes as well as a broad range of courses are complemented by an active transfer of technologies.
- According to a social survey conducted by the German Student Service Association, Ilmenau is one of the most economic places to study in Germany.
- Ideal ground for innovative entrepreneurs

Requirements for Bachelor:

- Equivalence of secondary certification (e.g. A-level, Baccalauréat, Matura etc.)
- Passing DSH or the TestDaf examination

Requirements for Master:

- Bachelor's degree in related field of study
- Excellent grades in all fields
- Passing DSH or the TestDaf examination

Bachelor's Degrees Available

Biomedical Engineering
Electrical Engineering and Information Technology
Transport Engineering
Engineering Informatics
Mechanical Engineering
Mechatronics
Media Technology
Optronics
Technical Cybernetics and System Theory
Material Science
Biotechnical Chemistry
Informatics
Mathematics
Physics Engineering
Applied Media and Communication Science
Media Economy
Business Informatics
Industrial Engineering

Master's Degrees Available

Biomedical Engineering
Biotechnical Chemistry (from 2015)
Communication and Signal Processing
Electrical Power and Control Engineering
Electrical Chemistry and Plating Technology
Electrical Engineering and Information Technology
Transport Engineering
Computer Science
Computational Engineering
Mechanical Engineering
Mathematics and Business Mathematics
Mechatronics
Media and Communication Studies
Media Technology
Media Economy
Microtechnology and Nanotechnology
Miniaturised Biotechnology
Optronics
Renewable Energy Technology
Research in Computer and Systems Engineering
Technical Cybernetics and System Theory
Technical Physics
Material Sciences
Business Informatics
Industrial Engineering