STUDY, RESEARCH AND LIVE IN MITTWEIDA

UNIVERSITY OF APPLIED SCIENCES MITTWEIDA
FREE STATE OF SAXONY, EAST GERMANY

- 200 km south of Berlin
- 75 km west of Dresden
- located at the foothills of the Erzgebirge, the most densely populated low mountain range in Europe
A HISTORY OF 150 YEARS

- Founded in 1867 as “Technicum Mittweida”, First course of studies: mechanical engineering
- In 1935 it lost its status as private institution and became “Engineering School Mittweida”
- In 1969 it was turned into Engineering College receiving the status of a higher education institution
- In 1992 it became University of Applied Sciences (FH)

Mission Statement:
Practical orientation and co-operation with business, research excellence and internationality
Famous Graduates

Hans Bahlsen  (1901 – 1959)  Director of Biscuit factory Bahlsen
Walter Bruch  (1908 – 1990)  TV pioneer with PAL system
August Horch  (1868 – 1951)  Founder of automotive giant Audi
Kurt Körber  (1909 – 1992)  Founder of Koerber Foundation
Gerhard Neumann  (1917 – 1997)  Vice President of General Electric
Friedrich Opel  (1875 – 1938)  Chief designer at Adam Opel AG
Bernhard Schmidt  (1879 – 1935)  Developer of Reflector Telescope
Richard Stücklen  (1916 – 2002)  President of the Bundestag
AUGUST HORCH
(1868 - 1951)

FOUNDER OF AUTOMOBILE FACTORY HORCH AND FATHER OF AUTOMOTIVE GIANT AUDI

- from 1888 to 1891 he studied mechanical and electrical engineering at “Technikum Mittweida”
- Founded the automobile factory HORCH in 1904 and AUDI in 1907
- Developed the first V6 engine in 1907
- he has never had a driver's license in his life
- The word AUDI is a Latin translation of the name HORCH (engl. “hear”)
GERHARD NEUMANN
(1917 - 1997)

DEVELOPER OF J79 JET ENGINE AND
VICE PRESIDENT OF GENERAL ELECTRIC

- from 1936 to 1938 he studied mechanical and electrical engineering at “Technikum Mittweida”
- he lead General Electric for 16 years
- he received numerous awards, e.g. the Collier Trophy, passed to him by the American Vice President Nixon
- was honoured by being accepted into the National Aviation Hall of Fame in the U.S.
FACTS & FIGURES

- largest University of Applied Sciences in Saxony
- Ca. 7,000 students enrolled at five faculties (Winter semester 2015/16)
### FACTS & FIGURES

- **Academic degrees according to international standards**
- **Degrees and course durations:**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Bachelor</th>
<th>Master</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Semester</td>
<td>6 Semester</td>
<td>4 Semester</td>
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<tr>
<td>2nd Semester</td>
<td>6 Semester</td>
<td>4 Semester</td>
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<tr>
<td>3rd Semester</td>
<td>6 Semester</td>
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<td>7th Semester</td>
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<td>4 Semester</td>
</tr>
<tr>
<td>8th Semester</td>
<td>2 Semester</td>
<td>4 Semester</td>
</tr>
</tbody>
</table>

**German Diploma (FH)**

- 4 Semester

**Bachelor**

- 6 Semester

**Master**

- 4 Semester
FACTS & FIGURES

- More than 30 accredited study programmes
- 484 professors and staff members

UNDERGRADUATE

<table>
<thead>
<tr>
<th>Degree Programme</th>
<th>Sem</th>
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<tbody>
<tr>
<td>General and Digital Forensic Science</td>
<td>B.Sc. 6</td>
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<tr>
<td>Applied Mathematics in Digital Media</td>
<td>B.Sc. 6</td>
</tr>
<tr>
<td>Applied Computer Science</td>
<td>B.Sc. 6</td>
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<tr>
<td>Automation Industry 4.0</td>
<td>B.Sc. 6</td>
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<tr>
<td>Business Administration</td>
<td>B.A. 6</td>
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<tr>
<td>Biotechnology</td>
<td>B.Sc. 6</td>
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<tr>
<td>Electrical Engineering and Information Technology</td>
<td>B.Eng. 6</td>
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<tr>
<td>Energy and Environmental Management</td>
<td>B.Eng. 6</td>
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<tr>
<td>Real Estate Management and Facilities Management</td>
<td>B.Eng. 6</td>
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<tr>
<td>Industrial Management</td>
<td>B.Eng. 6</td>
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<tr>
<td>Laser Technology</td>
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<tr>
<td>Mechanical Engineering</td>
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<tr>
<td>Mechatronics</td>
<td>B.Eng. 6</td>
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<tr>
<td>Media and Acoustical Engineering</td>
<td>B.Eng. 7</td>
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<tr>
<td>Media Informatics and Interaktives Entertainment</td>
<td>B.Sc. 6</td>
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<tr>
<td>Media Management</td>
<td>B.A. 6</td>
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<tr>
<td>Social Work</td>
<td>B.A. 6/8</td>
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GRADUATE

<table>
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<tr>
<th>Degree Programme</th>
<th>Sem</th>
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<tbody>
<tr>
<td>Applied Mathematics in Digital Media bilingual</td>
<td>M.Sc. 4</td>
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<tr>
<td>Business Administration</td>
<td>M.A. 4</td>
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<tr>
<td>Electrical Engineering</td>
<td>M.Sc. 3</td>
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<td>Industrial Management</td>
<td>M.Sc. 4</td>
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<td>Laser Technology</td>
<td>M.Sc. 4</td>
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<tr>
<td>Mechanical Engineering</td>
<td>M.Eng. 4</td>
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<tr>
<td>Mechatronics</td>
<td>M.Eng. 4</td>
</tr>
<tr>
<td>Media and Communication Studies</td>
<td>M.A. 4</td>
</tr>
<tr>
<td>Molecular Biology/Bioinformatics</td>
<td>M.Sc. 4</td>
</tr>
<tr>
<td>Social Work</td>
<td>M.A. 4/6</td>
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</table>

DIPLOM

<table>
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<th>Degree Programme</th>
<th>Sem</th>
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</thead>
<tbody>
<tr>
<td>Electrical engineering and Information Technology</td>
<td>German Diploma 2*</td>
</tr>
<tr>
<td>Mechatronics - postgraduate studies</td>
<td>German Diploma 2*</td>
</tr>
<tr>
<td>Economics for Engineers</td>
<td>German Diploma 8</td>
</tr>
</tbody>
</table>

WWW.HS-MITTWEIDA.DE
100 international partners in more than 40 countries, 21% foreign students from more than 50 countries
Promoting synergies between teaching and research

Active involvement in more than 80 research projects in the following areas:

- Laser Technology
- Information & Communication Technology
- High-performance Mechanical Engineering & Mechatronics
- Energy & Facility Management
- Economic and Social Sciences
- Media & New Media in Education
- Environmental Engineering, Medical Engineering & Biotechnology

About 150 international publications per year

Host of academic conferences: International Scientific Conference (IKWM), Media Forum Mittweida, Social Work Conference, Udo-Steinberg-Symposium
Co-operation with enterprises and research institutions to foster knowledge transfer and support life-long education

- Conferences, workshops and discussion panels with regional enterprises
- Projects for students in co-operation with regional enterprises
- Research projects with enterprises and research institutions
- Bachelor and Master degrees as extra occupational courses for the industry
CAMPUS AND FACILITIES

- **Library**
  - more than 180,000 books, 10,000 E-books
  - 400 scientific journals
  - completely computer based lending
  - computer pool with many catalogues, scientific databases, free internet access for students!

- **Network and Communication Centre**
  - administration of user accounts
  - modern and safe network infrastructure
  - login for PC pools and E-mail account for every student

- **University Media**
  - the university’s radio station „99,3 Radio Mittweida“ for Mittweida County
  - the university’s TV station “MW digital” for Mittweida County
  - the university’s newspaper “NOVUM” for Mittweida County
MODERN EQUIPPED FACILITIES

- one of the most modern TV studios in Europe
MODERN EQUIPPED FACILITIES

- New laser institute
STUDYING AND LIVING IN MITTWEIDA

- small town, familiar atmosphere, low living expenses
- short distances, closed and clearly structured campus
- well maintained buildings with modern equipped laboratories

- Various sport offers
  - Internal offers: Badminton, Basketball, Bodyshaping, Dance-Fit for Fun, Bodybuilding/Fitness, Floorball, Football, Ballroom Dancing, Karate, Chess, Table tennis, Ultimate Frisbee, Volleyball
  - Offers of external partners: Boxing, GO, Golf, Judo, Skittles, Climbing, Minigolf, Mountainbiking, Diving

- Socio-cultural programme
  - Student’s Club
  - Cosmopolitan Club (International Student’s Club)
Counseling and services for:

- students with family (e.g. childcare, support to coordinate family and studies)
- disabled or chronically ill persons
- top athletes (e.g. need-oriented study programmes)
- international students from abroad
International Office

The International Office supports the communication between international partners and the faculties with regard to the foreign affairs.

Head of the office: Mrs. Saskia Langhammer: langhamm@hs-mittweida.de
Student`s adviser: Mrs. Marion Dienerowitz: dienerow@hs-mittweida.de

Department of International Affairs

Director of International Affairs: Dr. Julia Köhler, koehler7@hs-mittweida.de