



**WHZ** Westsächsische  
Hochschule Zwickau  
University of Applied Sciences

**University of Applied Sciences**

**Zwickau**

University for Mobility





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# WHZ in Numbers

- + More than 3000 students
- + 62 degree programmes
- + 150 professors
- + 155 partner universities (worldwide)
- + More than 15 Mio. research earnings
- + Degree: Bachelor, Master  
and German Diplom Degree

Campuses of the University of Applied Sciences Zwickau

- Central campus **Zwickau**
- Faculty of Applied Arts in **Schneeberg**
- Institute of Textile- and Leather Technologies in **Reichenbach**
- Music Instrument Technology in **Markneukirchen**.







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# Special Characteristics about the WHZ

High practice share, modern laboratories

Tight connection between research and teaching

Efficient study organization

Without tuition fees

Cooperations with companies in the region

„Deutschlandticket“ for students

More than 150 partner universities worldwide

Accredited degree programmes without admission restriction



# University City Zwickau

90.000 inhabitants

Robert Schumann, Max Pechstein

Close to Dresden, Leipzig, Prag, Karlsbad, Erzgebirge

VW Horch Audi Trabant

Historical city center

Affordable rents





# WHZ: Partners in the Region

More than 600 WHZ-alumni for the regional job market

WHZ is one of the biggest employer of the region

Research partner for the companies in Zwickau

Member of various local alliances (e. g. Bündnis für Demokratie und Toleranz, Arbeitskreis Schule-Wirtschaft, Stadtteilnetzwerk Eckersbach)







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# Research at the WHZ

## Research profile

- + Automobile and Production
- + Energy and Infrastructure
- + Cyber Physical Systems and Digitisation
- + Healthcare and Medicin Technology
- + Sustainability and Interculturalism

The focus of research is more or less connected to the theme of the WHZ. The theme „Mobility“ is the centre of research for all the projects at WHZ.

[www.whz.de/forschung](http://www.whz.de/forschung)





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# Research Institutes

**AZOM** - Fraunhofer Anwenderzentrum für Optische Messtechnik und Oberflächentechnologien

**FTZ** - Forschungs- und Transferzentrum e.V.

**ICZ** - Imaging Center Zwickau

**Ostasien-Zentrum**

**Ubineum**

**ZKE** - Zentrum für Kraftfahrzeugelektronik





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# Fields of Study

- + Technology
- + Economics
- + Language
- + Healthcare
- + Applied Arts

The five fields of interest stand for more than **60 degree programmes**. Besides the typical degree programmes in Automotive Engineering, Computer Science, Mechanical Engineering and Electrical Engineering, the WHZ offers uncommon degree programmes such as Sign Language Interpreting and Musical Instrument Technology. Furthermore, you can study Chinese in Zwickau.

[www.whz.de/englisch/study/incomings/courses-of-study/](http://www.whz.de/englisch/study/incomings/courses-of-study/)







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# Faculty of Applied Arts Schneeberg

## **Bachelor and German Diplom Degree**

### + Design

- + Textile Art/ Textile Design
- + Fashion Design
- + Woodwork/ Product & Object Design

### + Musical Instrument Technology

**Advanced Degree Programmes:** Design, Acoustics and  
Technology of Musical Instrument Making

[www.whz.de/aks](http://www.whz.de/aks)





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# Faculty of Applied Languages and Intercultural Communication

## **Bachelor and German Diplom Degree**

- + Applied Media Communication German-French
- + Sign Language Interpreting
- + Languages and Business Administration

**Advanced Degree Programmes:** Languages and Business  
Administration German-Chinese, Regional and European Project  
Management

[www.whz.de/spr](http://www.whz.de/spr)







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# Faculty of Automotive and Mechanical Engineering

## **Bachelor and German Diplom Degree**

- + Automobile Production
- + Mechanical Engineering
- + Production Management
- + Engineer Pedagogy
- + Textile Structures and Technologies

**Advanced Degree Programmes:** Occupational health and safety management, Textil Structures and Technologies, Production Optimization, Mechatronics

[www.whz.de/amb](http://www.whz.de/amb)







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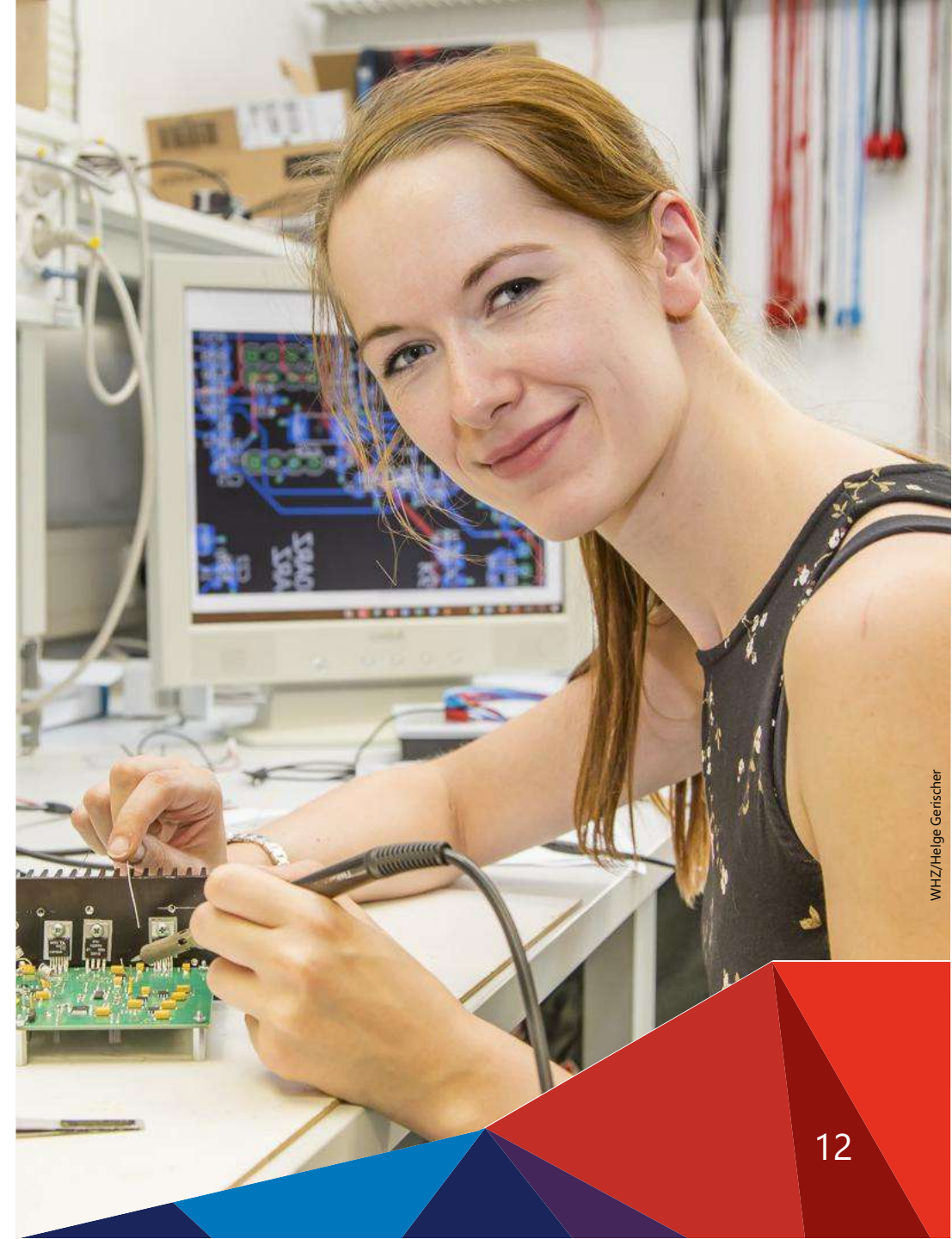
# Faculty of Electrical Engineering

## **Bachelor and German Diplom Degree**

- + Electrical Engineering
- + Information and Communication Technology
- + Automotive Electronics

**Advanced Degree Programmes:** Electrical and Electronics Systems

[www.whz.de/elt](http://www.whz.de/elt)





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# Faculty of Health and Healthcare Sciences

## **Bachelor and German Diplom Degree**

- + Health Care Management
- + Management of Health Care Services
- + Applied Management of Healthcare Services (job-concurrent degree)
- + Education for health care professional (job-concurrent degree)

**Advanced Degree Programmes:** Applied Health Sciences (job-concurrent degree), Health Sciences, Medical and Health Technology

[www.whz.de/gpw](http://www.whz.de/gpw)







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# Faculty of Automotive Engineering

## **Bachelor and German Diplom Degree**

- + Building Energy and Air Conditioning Technology
- + Automotive Engineering
- + Mobility and Traffic
- + Traffic and Transport Engineering

**Advanced Degree Programmes:** Automotive Engineering, Automotive Engineering, Road Traffic Engineering

[www.whz.de/kft](http://www.whz.de/kft)







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# Faculty of Physical Engineering/ Computer Sciences

## **Bachelor and German Diplom Degree**

- + Biomedical Engineering
- + Data Science
- + Digital Health
- + Green Engineering and Sustainable Management
- + Computer Sciences
- + Physical Engineering
- + Environmental Technology and Renewable Energy

**Advanced Degree Programmes:** Advanced Green Engineering and Sustainable Management, Computer Sciences, Internet of Things and Smart Systems, Medical and Health Technology, Nanotechnology

[www.whz.de/pti](http://www.whz.de/pti)





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# Faculty of Business and Economics

## **Bachelor and German Diplom Degree**

- + Business Administration
- + International Business
- + Management
- + Management of Digital Transformation
- + Economics and Industrial Engineering

**Advanced Degree Programmes:** Sustainable Human Resource Management; Financial Accounting, Controlling & Taxation – FACT; Management; Logistics

**Job-concurrent degree:** Business in a Digital World; International Business; Economics and Industrial Engineering; Computer Sciences in Economics

[www.whz.de/wiw](http://www.whz.de/wiw)





# Courses of Studies Taught in English

- Green Engineering and Sustainable Management (B)
- Advanced Green Engineering and Sustainable Management (M)
- Business in a Digital World (M)
- Embedded and Autonomous Systems (M)
- Internet of Things and Smart Systems (M)
- Management and Information Technology (M)
- Road Traffic Engineering (M)



# Student Life

Student clubs

Dormitory

WHZ Racing-Team

University sport

Student council

University culture

City life

