



**Westfälische
Hochschule**

**Knowledge.
That matters.**

At a Glance.

**Gelsenkirchen
Bocholt
Recklinghausen**

University of Applied Sciences
Gelsenkirchen Bocholt Recklinghausen

Profile

The Westfälische Hochschule was founded in 1992 under the name of its headquarter Gelsenkirchen University of Applied Sciences. As a state-managed university we consider it our responsibility to establish the necessary conditions for practical academic training at our sites in Gelsenkirchen, Bocholt and Recklinghausen in order to secure a base for qualified young talents in our region.

Our study programmes are characterised by a clear technical-economic profile, which is oriented towards the needs of the economy. This also manifests itself through our close and expanding cooperation with companies in the field of dual study programmes. With further concepts, which received multiple nationwide awards, we have made it our task to promote young people and develop their various talents. As a partner for our region, we do not only set out to support the teaching and learning but also the research. We consider strong research as an essential element of contemporary teaching oriented towards the challenges of today and tomorrow. An important pillar of our research activity is the diversity of topics. We want to further cultivate this variety and simultaneously establish research focuses.

Even with a clear commitment to our regional responsibility we are open to the globalised world. International university partnerships, students from other countries, as well as study and internship phases of our students in all continents of the world contribute to the completion of our profile. Our structure allows us to take responsibility for the future and give answers for tomorrow.



Gelsenkirchen Site

Research

Research creates the future. Whether it is about new energy supply concepts, a safer internet, intelligent mechatronic systems or new diagnosis and therapy systems in the health care sector, we work on tomorrow's solutions. Application-orientation and close cooperation with the practical field shape our work. Apart from thematically diverse research and development expertise, we have founded specific focuses:

Research Focus

- Bioinformatics/Data Mining
- Demand Logistics
- Energy System Technology
- Cyber Security
- Component-based Software Development
- Mechatronics
- Urban Traffic
- Distributed Information Technology Systems

Research Departments

- Institute for Work and Technology
- Institute for Bioinformatics and Chemoinformatics
- Institute for Demand Logistics
- Institute for Empirical Economic and Social Research
- Institute for Innovation Research and Management
- Institute for Cyber Security
- Institute for Mobility and Traffic
- Institute for Mechatronics Bocholt
- Westphalian Institute for Energy
- Westphalian Institute for Health

In cooperation with other universities

- Applied Energy System Technology in the Ruhr Area
- Computer Vision based on Computational Intelligence

Contact // Technology Transfer, Phone: (+49) 209 9596-463/-458, Email: technologietransfer@w-hs.de, Website: www.w-hs.de



Bocholt Site



Key Data

- More than 8000 students from Germany and 50 other countries
- More than 2000 beginners annually
- About 200 professors, about 400 employees
- Cooperations with over 50 universities worldwide





Recklinghausen Site



Bocholt Site



Gelsenkirchen Site

Study Approach

We offer a wide range of future-oriented study programmes. Furthermore, we not only take account for the current structure of the economy in our region with courses in the fields of engineering, science, informatics, economics, journalism and law, but we also give a new impetus to newly developing branches and, as a result, we open various opportunities for prospective students. Accompanying support services help students to orientate themselves and to solve individual problems, especially during the introductory phase.



Study Programmes

Bachelor courses//

- Applied Electrical Engineering (B. Sc./Bocholt)
- Bionics (B. Sc./Bocholt)
- Business Engineering (B. Sc./Bocholt)
- Business Engineering/
Facility-Management (B. Sc./Gelsenkirchen)
- Business Engineering/Transport, Traffic,
Logistics (B. Sc./Recklinghausen)
- Business Informatics
(B. Sc./Bocholt/Gelsenkirchen)
- Business Law (LL. B./Recklinghausen)
- Business Studies (B. A./Bocholt/Gelsenkirchen)
- Chemistry (B. Sc./Recklinghausen)
- Electrical Engineering (B. Eng./Gelsenkirchen)
- Information Technology (B. Sc./Gelsenkirchen)
- Informatics – Software Systems (B. Sc./Bocholt)
- International Business Law and Business
Management (LL. B./Recklinghausen)
- International Management (B. A./Bocholt)
- Journalism and Public Relations
(B. A./Gelsenkirchen)
- Mechanical Engineering (B. Eng./Gelsenkirchen)
- Mechatronics (B. Eng./Bocholt)
- Media Informatics (B. Sc./Gelsenkirchen)
- Molecular Biology (B. Sc./Recklinghausen)
- Physical Engineering, also part time
(B. Sc./Gelsenkirchen)
- Supply and Disposal Technology
(B. Eng./Gelsenkirchen)

Dual study courses

with technical training and Bachelor degrees //

- Applied Electrical Engineering (B. Sc./Bocholt/Ahaus)
- Bionics (B. Sc./Bocholt)
- Business Engineering/Facility-Management (B. Sc./Gelsenkirchen)
- Business Studies (B. A./Gelsenkirchen)
- Electrical Engineering (B. Eng./Gelsenkirchen)
- Informatics – Software Systems (B. Sc./Bocholt/ Ahaus)
- Mechanical Engineering (B. Eng./Gelsenkirchen)
- Mechatronics (B. Eng./Bocholt/Ahaus)
- Supply and Disposal Technology (B. Eng./Gelsenkirchen)

Master Courses //

- Business Informatics (M. Sc./Gelsenkirchen)
- Business Law (LL. M./Recklinghausen)
- Cyber-Security (M. Sc./Gelsenkirchen)
- Distributed Systems (M. Sc./Bocholt)
- Energy System Technology (M. Eng./Gelsenkirchen)
- Information Technology (M. Sc./Gelsenkirchen)
- Management (M. A./Gelsenkirchen)
- Mechanical Engineering (M. Eng./Gelsenkirchen)
- Mechatronics (M. Eng./Bocholt)
- Media Informatics (M. Sc./Gelsenkirchen)
- Microtechnology and Medical Engineering (M. Sc./Gelsenkirchen)
- Molecular Biology (M. Sc./Recklinghausen)
- Service Management (M. A./ Bocholt)
- Systems and Facilities Engineering (M. Sc./Gelsenkirchen)
- Business Engineering (M. Sc./Recklinghausen)

Contact //

- Central Student Advising Office
Phone: (+49) 209-9596-516
Email: studienberatung@w-hs.de
- Dual study courses
www.mein-duales-studium.de





Recklinghausen Site

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