



Multifaceted and Innovative – The HTW Berlin

htw

Hochschule für Technik
und Wirtschaft Berlin

University of Applied Sciences

Multifaceted and innovative – The HTW Berlin

Multifaceted and innovative: these two attributes characterise the HTW Berlin – University of Applied Sciences. With nearly 10,000 students, it is also one of Germany's larger-sized universities of applied sciences. It offers a remarkably broad range of subjects comprising approximately 60 different Bachelor's and Master's degree study programmes in the fields of technology, computing, economics, culture and design. These include traditional disciplines such as mechanical engineering, automotive engineering and business administration, as well as younger, innovative study fields like facility management, real estate management, and regenerative energy systems.

The HTW Berlin enjoys a good reputation. As an especially innovative university of applied sciences, it has been the recipient of a number of awards in the past: for its reforms in the area of university administration, for its comprehensive education, consulting and service offers in the area of SMEs and business start-ups, for its special commitment to promoting gender equality and, most recently, for its comprehensive efforts made towards all-around barrier-free accessibility.



Professor Dr Michael Heine

President of the HTW Berlin

The HTW needs three strong footholds if it wants to stay on top of the competition amongst universities: solid education, which means innovative study programmes with modern, didactical concepts; the successful transfer of research findings to the industry, particularly for the benefit of small and medium-sized enterprises; and finally, a service-oriented, efficient university administration.

Study programmes are short, compact, and oriented on professional practice; rankings continually certify the HTW's high level of educational quality. Great importance is attached to mastering foreign languages and key qualifications. The HTW maintains contact with over 100 universities around the globe and collaborates with medium-sized companies, administrations, associations, and research and educational facilities. The wide range of study programmes is rounded off by a well-equipped library, a modern computing centre, and many different athletic activities.

At a glance: a selection of HTW statistics

- State grant in 2009
40 million euros
- Third-party funding in 2008
4.7 million euros
- Number of professors
270 full-time positions
- Number of employees
270
- Number of students
9,784
- Number of departments
5
- Number of study programmes
c. 60
- Graduates
c. 1,500 p.a

A young institution of higher learning where East and West have come together: The history of the HTW

Today's range of different subjects at the HTW is the result of the complex process behind its founding and establishment. The historical roots of the university can be traced back to the Wilhelmine Empire: In 1874, a vocational school for decomposition, composition and design was founded—a training post for weavers, passementerie makers, clothiers and merchants. Today's HTW study programmes fashion design and clothing technology/fabric processing literally pick up the thread of that old vocational school.

One of the other precursory institutions of the HTW was the German Democratic Republic's University of Engineering, which was founded in 1948. It offered study programmes in mechanical engineering, electrical engineering and civil engineering, as all of Berlin's engineering schools with such study courses were located in the western sector of Berlin at the time. The University of Engineering was merged with the FHTW when the latter was founded in October 1991. During this phase, the buildings and property of the University of Economics in Berlin-Karlshorst were taken over.

In April 2004, the HTW Berlin was finally made a legally independent institution: a young university where East and West Berlin grew together. For the first five years it operated under the name of FHTW Berlin – University of Applied Sciences; on 1 April 2009 it was renamed HTW Berlin.

1874

Founding of the vocational school for decomposition, composition and design, later the Textile and Fashion School of the City of Berlin, then an engineering school for clothing technology. Since 1990 Division of Clothing Technology at the Berlin University of Engineering

1948

Founding of the Engineering School for Mechanical Engineering, Electrical Engineering and Civil Engineering; from 1988 on the Berlin University of Engineering

1991

Founding of the FHTW, integration of the Berlin University of Engineering and acquisition of property from the University of Economics in Berlin-Karlshorst

1994

Formation of the FHTW Berlin as a legally independent institution of higher learning in the state of Berlin

1996

Integration of the German Telekom's university of applied sciences

2004

Celebration of ten-year anniversary as a legally independent university of applied sciences in Berlin

2006

Keys were handed over for the first buildings on the Wilhelminenhof campus; Department of Design moves in

2008

Founding of the FHTW's Berlin Institute of Advanced Academic Training (abbreviated as BIFAW in German)

2009

Renamed into HTW and Wilhelminenhof campus opened; disbandment of the university's locations on Allee der Kosmonauten, Blankenburger Pflasterweg and Marktstraße



Michaela Frana

Career Service

The HTW is like Berlin: young, creative, innovative and far from being finished. This gives our daily work a lot of room to make a mark on the university with our own activities and promote it with ideas and commitment. And that's the attraction of being in this location, in this city.



Martin Hofmann

student of the master's degree study programme in Environmental Technology/ Renewable Energies and team leader of LivingEquia

We want to show what sustainable living and energy-efficient construction can look like. LivingEquia is an inter-university, interdisciplinary project and it offers an excellent opportunity of contributing to a liveable world.

Motorsports and fashion design: Interesting and successful study projects

»Science with a practical approach« is the motto of scholastics, teaching and research at the HTW. In this sense, some interesting study projects are also carried out with success here.

BCPro: Student-run consultancy

Small and medium-sized enterprises from all lines of trade particularly make use of the expertise provided by the student project teams of BCPro consultancy. Within the scope of their work as consultants, the students apply their theoretical knowledge to real-life situations, which allows them to gain valuable know-how for their future professional career.

www.bcpro.de

The German Prize for Business Communications

First awarded in 2001, the German Prize for Business Communications has become a coveted award in business, politics and media. For this demanding competition, students from the fields of business communication management, international media and computing, and communication design analyse the communication concepts companies voluntarily submit each year. Their conceptual strength, strategic

balance and creative implementation are assessed from a scholarly standpoint.

www.dpwk.de

The HTW motorsports project

Formula SAE/Formula Student is the name of one of the world's biggest university competitions in which HTW students also participate. They develop and construct a racing car. The HTW motorsports project offers students from all different fields the opportunity to put the theoretical knowledge they've gained in their courses to practical use and, at an international level, measure up to other universities. Around 240 teams from universities around the world partake in the competition. Annual events are held in Germany, England, USA, Australia, Italy and Japan.

www.htw-motorsport.de

The fashion label 30paarhaende

30paarhaende (literally: 30 pairs of hands) is a fashion label that was founded in 1998 within the fashion design study programme. It is held as an upscale designer line and is internationally marketed with steadily increasing success. The collection is designed in a traditional pre-order cycle of two seasons per year and

produced at textile manufacturers in Germany. The clear-cut silhouettes of the pieces guarantee their wearability; modern, high-quality materials and skilful tailoring underline the collections' innovative character. Students from the study programmes fashion design, clothing technology, business administration, communications design, business communication management and international media and computing are all involved in this interdisciplinary project.

www.30paarhaende.de

A house for the European Solar Decathlon

LivingEquia is the name of a project team comprising students from the HTW and other Berlin universities who join together to participate in the European Solar Decathlon competition. The goal of this contest is to design an energy self-sufficient house that only utilises solar energy and is equipped with trendsetting technologies. Construction on the house is set to begin in 2009 at the Wilhelminenhof campus of the HTW.

www.living-equia.com/index.php

From Civil Engineering to Commercial Law: the diversity of HTW study programmes

Full-time, on-campus

Bachelor's degree programmes

- Applied Computer Science
- Civil engineering
- Clothing Technology/
Fabric Processing
- Industrial Environmental Computing
- Business Administration
- Computer Engineering
- Electrical Engineering
- Facility Management
- Automotive Engineering
- Building Energy and Information
Technology
- Real Estate Management
- Computer Science and Business
- Information Technology/
Distributed Systems
- Interaction Design/Game Design
- International Business
- International Media and Computing
- Communications Design
- Conservation-Restoration/
Field Archaeology
- Life-Science-Engineering
- Mechanical Engineering
- Microsystems Technology
- Fashion Design
- Museums Studies
- Telecommunications
- Public Management
- Environmental Engineering/
Regenerative Energies
- Business Computing
- Industrial Engineering and
Management
- Business Communication
Management
- Business Mathematics
- Business Law

Full-time, on-campus

Master's degree programmes

- Applied Automation
- Applied Computer Science
- Human Resources Management
- Civil engineering
- Clothing Technology/
Fabric Processing
- Industrial Environmental Computing
- Construction and Real Estate
Management
- Facility Management
- Automotive Engineering
- Finance, Accounting,
Corporate Law and Taxation
- Financial Services Risk Management
- Geoarchaeology and
Field Archaeology
- Industrial Sales and
Innovation Management
- Information and
Communication Technology
- International Business
- International Media and Computing
- International Business Law
- Conservation and Restoration
- Life-Science-Engineering
- Mechanical Engineering
- Museum Management
and Communications
- Real Estate Management
- Nonprofit-Management and
Public Governance
- Systems Engineering
- Environmental Engineering/
Regenerative Energies
- Business Computing
- Industrial Engineering and
Management
- Business Communication
Management

Postgraduate Master's degree programmes

- Business Administration
and Engineering
- Business Administration –
General Management
- Business Administration
in Real Estate Management
- Game Development & Creation
- International and
Development Economics

Distance learning study programmes

- Mechanical Engineering (Bachelor)
- Business Administration –
General Management (Master)
- Mechanical Engineering
Development and Simulation
Methods (Master)
- Conservation and Restoration
(Master)
- Industrial Engineering and
Management (Bachelor)

Advanced training courses

- General advanced training
- Soft skills/work techniques
- Business administration/
business start-ups
- Technology/science
- Restoration
- Design
- eLearning
- Foreign languages



Professor Dr Susanne Femers

Professor of Business Communication
Management

Acquiring knowledge, sharing and applying it is all fine and good. But we have more to offer: we're a think tank and laboratory for teamwork. And that means we are masters of shaping concepts, that we are career engineers and catalysts for personal development. In other words: we shape people.



Professor Dr Volker Quaschnig

Professor of Environmental Engineering/
Regenerative Energy Systems

There are few places in Germany where one can engage in teaching and research for a sustainable, environmentally compatible energy supply. The HTW, however, is precisely such a location. For us and for our students, this represents a special motivation and challenge we are happy to take on.

Innovative and practice-oriented: Research at the HTW Berlin

The thematic spectrum of research conducted at the HTW is just as broad as its range of study programmes. Topics concerning the information society are addressed, as well as environmental and energy-related issues. Whilst business administration research focuses on the analysis of the facilitation of business start-ups and improvement of the competitiveness of SMEs, social-economic and political advisory research concentrates on current affairs such as the European and national labour market or the effects of globalisation. A selection of projects in the areas of cultural heritage preservation and design round off this spectrum. The HTW cooperates with a range of medium-sized enterprises, unions, administrations, associations, research and educational facilities, and a number of individuals throughout Berlin, Germany and Europe.

Research institutes are devoted to applied computer science, the banking sector, real estate and collective law, and advanced training. Apart from this, the research profile of various interdisciplinary fields of expertise is shaped here, the spectrum of which ranges from facility management and international innovation and medium-sized enterprise research, to the gameslab Berlin.

Research institutes at the HTW Berlin

- GFaI Gesellschaft zur Förderung angewandter Informatik (society for the facilitation of applied computer science)
- Berliner Institut für Bankunternehmensführung (Berlin institute for bank administration)
- Forschungsinstitut für Deutsches und Europäisches Immobilien- und Genossenschaftsrecht (research institute for German and European real estate and collective law)
- itw Institut für Aus- und Weiterbildung Berlin (institute for further and advanced training)
- Medien-Institut Berlin (media institute)

Fields of expertise at the HTW Berlin

- Information management in facility management
- Media, networks & mobile computing
- Human-machine communication
- World heritage prevention environmental analysis
- Business start-ups and young entrepreneurship
- Teaching and learning technology
- International innovation and medium-sized enterprise research
- Sustainable power supply for buildings
- gameslab Berlin
- Banks and regional development
- Umberto Competence Center
- Real Estate Process Management



Dr Jochen Hönow

International Office

Global changes are transforming societies around the world, and German higher education is no exception. Through institutional linkages, exchange programmes and by participating in international projects, the HTW is broadening its global networks, sharing expertise, facilitating the professional development of its faculties and enabling students to develop international competencies.

Two attractive locations right near each other: the Wilhelminenhof & Treskowallee campuses

With the Wilhelminenhof campus in Oberschöneweide and Treskowallee campus in Karlshorst, the HTW has two very attractive locations at its disposal right near each other. Wilhelminenhof is a traditional industrial site in the southeast of Berlin. AEG once made history here, later followed by the cableworks Kabelwerke Oberspree (KWO). The HTW moved in after the refurbishment of the impressive industrial building located directly on the Spree river. The Department of Design, which began offering courses in October 2006, was followed by both engineering departments in the summer of 2009, as well as many study programmes from the Department of Economics II and the library and cafeteria. Since then, around 6,000 HTW students and 200 professors go in and out of Wilhelminenhof. The transformation of these traditional industrial premises into a modern academic location represents one of the biggest investment projects in the construction of a higher education facility in Berlin.

Investments were also made in the Treskowallee campus, HTW's administrative location, the Computing Centre, Foreign Language Centre and study programmes in economics. With support from the European Fund for Regional Development, modern facilities for research and academic services have been created. A project centre is available for various fields of expertise and endeavours in the areas of regional business, information technologies, e-learning and multimedia. The Maximum auditorium, one of the last ballrooms of East Berlin from the 1950s that was built the same time as the gorgeous boulevard Stalinallee (now called Karl-Marx-Allee), has been refurbished according to conservation regulations for old buildings and can now be used for collaborative activities with regional business partners, as well as for conventions, trade fairs and exhibits.

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