Innovation and diversity – the HTW Berlin
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Innovation and diversity – the key features of the Berlin University of Applied Sciences, Hochschule für Technik und Wirtschaft (HTW) Berlin. Comprising a student body of almost 13,000, it is the largest institution of its kind in Berlin.

With around 70 accredited Bachelor’s and Master’s courses in Engineering, Economics, Information Technology, Culture and Design, the range of qualifications which we provide is impressive. As well as teaching in the classical disciplines of Mechanical Engineering, Automotive Engineering and Business Administration, we also offer new, innovative qualifications in areas such as Facility Management, Business Economics and Policies and Game Design.

Enjoying an excellent national and international reputation as a leading centre of education, we have received a number of prizes including awards for the reform of our university management, our comprehensive training, guidance and service provision for small and medium-sized business and business start-ups; our dedication to equal opportunities as well the truly barrier-free nature of provision both in terms of physical access and mindsets.

Both compact and practice-oriented, our programme of study includes instruction in foreign languages and key skills. University rankings have consistently established us as one of the leading providers of a modern and professional education. A factor central to our consistent level of success is the maintenance of extensive international networks to medium-sized businesses, administrations, professional associations, research and educational institutions, as well as over 100 universities across the world. Our facilities include a well-stocked library, a modern computer centre and a diverse range of sporting activities.

Everything at a glance – selected figures

State funding (2013) 52 million Euros

Third-party funding (2013) 7.8 million Euros

Professors 270 full-time professors

Associate tutors 800

Members of staff 350

Students 12,934

Departments 5

Courses of study c. 70

Graduates c. 3,000 per year

The HTW Berlin avows itself to possess the status and mission of a university of applied sciences. Our degree programmes are practically orientated and our research is focused on solving practical problems and transferring scientific findings to practice. We want to be a ‘university of top quality’ for students and cooperation partners.
A young university integrating East and West: the history of the HTW Berlin

The current diversity in teaching and research maintained by the HTW Berlin represents the outcome of a cumulative process stretching over many years. The long history of the HTW reaches as far back as 1874, with the foundation of the Fachschule für Dekomponieren, Komponieren und Musterzeichnen a school for weavers, lace makers, clothiers and traders - the precursor to our current courses of fashion design and Clothing Technology/Fabric Processing.

Another forerunner of the HTW Berlin was the Berlin College of Engineering, founded in the GDR in 1948 and amalgamated into the FHTW in October 1991. It was during this phase that the HTW inherited the facilities of the College of Economics in Berlin Karlshorst.

The HTW eventually achieved legal independence in April 2004, producing a young University of Applied Sciences uniting the once-divided Berlin. Known initially as the FHTW, the institution acquired a new name on 1 April 2009: the HTW.

1874
Foundation of the Fachschule für Dekomponieren, Komponieren und Musterzeichnen, later renamed as the Berlin Textile and Fashion School and renamed again as the College of Engineering for Clothing Technology. After 1990, it became the Clothing Technology section of the Berlin College of Engineering

1948
Foundation of the Berlin College of Engineering for Mechanical Engineering, Electrical Engineering and Civil Engineering. In 1988 the college became the Berlin College of Engineering

1991
The founding phase of the FHTW; incorporation of the Berlin College of Engineering and the facilities of the College of Economics in Berlin Karlshorst

1994
Establishment of the FHTW Berlin as a legally independent University of Applied Sciences responsible to the state of Berlin

1996
Integration of the Deutsche Telekom University of Applied Sciences

2006
Opening of the Wilhelminenhof campus

2008
Foundation of the Berlin Institute for Academic Further Training (Berliner Institut für Akademische Weiterbildung) BIfAW at the HTW Berlin

2009
Renamed as the HTW Berlin; opening of the Wilhelminenhof Campus; closure of the HTW campuses in the Allee der Kosmonauten, Blankenburger Pfasterweg and Marktstraße

2014
Celebration of the 20th anniversary as the establishment as a legally independent University of Applied Sciences

The HTW is like Berlin – young, creative, innovative and far from finished. This gives us the opportunity to shape the HTW in our every-day lives through our ideas and engagement. That is the attraction of both the HTW and Berlin.
Bridging courses and buddy programmes: excellent study conditions and impressive teaching

In addition to subjecting our teaching to constant further improvement, we at the HTW Berlin spare no effort to establish the best conditions for study. Students, graduates, first-semester students and teachers are regularly surveyed to obtain feedback on the HTW studying experience. Evaluating their responses carefully, we have made use of these surveys since the end of the 1990s. This represents the best input to projects and measures of quality assurance.

Students are given intensive and close supervision throughout every phase of their study. With bridging courses, one-on-one feedback sessions, tutorials for new students, buddy programmes and alumni-to-student mentoring courses, we ensure that valuable experience and lessons learned are recycled and diffused throughout the university community. Newly-appointed professors are given two semesters of didactic training to prepare them for their teaching tasks.

The HTW brings together professors and students in “future workshops,” where they consider the future development of their degree course. One such innovation was the female-only degree course Informatics and Economics. Whilst providing a conventional qualification, its additional provision also helps to overcome traditional female reluctance to study technical subjects.

A number of challenging student projects provided at the HTW enable our undergraduates to gather practical experience during their studies. These include:

The German Prize for Business Communication Management
Awarded for the first time in 2001, the German Prize for Business Communication Management is one of the highest awards for those active in the economy, politics and media. Working to the highest of standards, HTW students subject the submissions from companies to close academic scrutiny. The submissions are evaluated for their conceptual strength, strategic balance and creative realization.

www.dtpk.de

HTW Motorsport
Formula SAE / Formula Student is the dynamic name for one of the world’s largest university competitions in which HTW students also participate. The task is to design and construct a racing car. The competition enables students from all departments to use the skills they have acquired in their course, providing the opportunity to measure themselves against international competitors of the highest quality.

www.htw-motorsport.de

The student initiative einleuchtend e.V.
Founded in 2009, the not-for-profit association aims to realize and promote sustainable, ecological projects within the HTW Berlin and beyond.

www.einleuchtend.org

The student Management Consultants BCPRO
A favourite amongst small and medium-sized companies from all sectors, HTW students not only provide sound advice, but gather valuable skills for their subsequent career.

www.bcpro.de

Rebecca Lochner
Student of the Bachelor’s degree course Business Communication Management

Courses at the HTW Berlin are never just dry theory. Long practical phases, project studies and practical training make the course interesting and attractive. The high level of practice-orientation of the course motivates its participants and combines with the top-quality theoretical instruction which we receive, to produce a comprehensive course of training.
From Applied Computer Sciences to Business Law: diversity in study

**Bachelor’s degrees (direct study)**
- Applied Computer Science
- Civil engineering
- Clothing Technology/Fabric Processing
- Business Administration
- Computer Engineering
- Electrical Engineering
- Facility Management
- Automotive Engineering
- Game Design
- Building Energy and Building Information Technology
- Real Estate Management
- Industrial Design
- Informatics and Economy
- Information and Communication Technology
- Computational Science and Engineering
- International Business
- International Media and Computing Communications Design
- Conservation-Restoration/Field Archaeology
- Life Science Engineering
- Mechanical Engineering
- Microsystems Technology
- Fashion Design
- Museums Studies
- Public and Nonprofit-Management
- Environmental Computing
- Environmental Engineering/Renewable Energy Systems
- Business Economics and Policies
- Business Computing
- Business Administration and Engineering
- Business Communication Management
- Business Mathematics
- Business Law

**Master’s degrees (direct study)**
- Applied Computer Science
- Management of Labour and Human Resources
- Civil Engineering
- Clothing Technology/Fabric Processing
- Corporate Environmental Information Technology
- Construction and Real Estate Management
- Electrical Engineering
- Facility Management
- Automotive Engineering
- Finance, Accounting, Corporate Law and Taxation
- Financial Services - Risk Management
- Industrial Sales and Innovation Management
- Information and Communication Technology
- International and Development Economics
- International Business
- International Media and Computing
- Conservation and Restoration
- Landscape Archaeology
- Life Science Engineering
- Mechanical Engineering
- Fashion Design
- Management and Communication in Museums
- Nonprofit Management and Public Governance
- Systems Engineering
- Renewable Energy Systems
- Business Computing
- Business Administration and Engineering
- Business Communication Management
- Business Law

**Extra-occupational Bachelor’s degrees**
- Business Administration
- Mechanical Engineering
- Industrial Engineering and Management

**Extra-occupational Master’s degrees**
- Ambient Assisted Living
- Development and simulation methods in mechanical engineering
- General Management
- Conservation and Restoration Real Estate Management

**Full-time Master’s degrees**
- Business Administration and Engineering

**Continuing professional education**

**Continuing education**
- General further education
- Business economics/business start-up/soft skills/work techniques
- eLearning
- Foreign languages
- Design
- Engineering/natural sciences
- Restoration

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**Prof. Daniela Hensel**
Professor of the degree course Communications Design

The provision of high-quality teaching is a daily challenge to all professors at the HTW. We are one of the very few universities in Germany which provides all new teaching staff with an intensive pedagogical training course at the beginning of their career. This raises awareness of the needs of our students and provides an impulse for innovative teaching.
Innovative and practice-oriented: first-class research at the HTW Berlin

Research is an important component to the success that we at the HTW Berlin enjoy. Research activities establish a crucial connection between the university and industry, academia and the wider world, thus guaranteeing excellence in teaching and learning. Our ambitious research strategy, programme of infrastructure investment and targeted incentives ensure individual and team success.

Our accomplishment in the acquisition of third-party funding, the diversity of our research activities and an increasing number of projects, collaborations and publications affirm the course which we have taken.

HTW researchers are currently active in over 150 diverse, third-party-funded projects conducted in conjunction with partners from industry. A great number of these projects arise from the need for innovation of individual companies or branches and the development potential of the Berlin-Brandenburg region.

The HTW research agenda covers topics requiring a combination of the skills and knowledge from various disciplines. Only an interdisciplinary approach is able to develop holistic strategies to meet the challenges of an ageing society, the digitalization of culture and society and the climate-friendly conversion of our energy-supply.

The profile of the HTW Berlin sets three research foci:

**The culture and creative industry – the digital economy**
The focus of research in this area rests on the development of new applications and products for use in the spheres of culture, communication, design, media, IT and interactive learning.

**Health-care research**
Research conducted in this sector focuses on the development of innovative and environmentally-friendly products and processes and their integration in the health-care sector.

**Regenerative energies – energy efficiency**
Researchers at the HTW active in this area concentrate on the development of sustainable and climate-friendly sources of energy. This includes activities to optimize components in the regenerative energy supply process as well as effecting improvements in energy-efficiency and climate-adapted construction.

In addition to our activities in these three areas, we have also developed a number of interdisciplinary research clusters in which we use our proven expertise and experience to implement the following specific programmes:

- Creative Computing
- GAME
- GESUNDHEIT
- KEG - Klimagerechte Energieversorgungssysteme und energieeffiziente Gebäude
- Kultur und Informatik (Climate-adapted energy supply systems and energy-efficient buildings)
- Kultur Islam - Schutz, Erhalt und Management des kulturellen Erbes der islamischen Welt (The protection and management of the Islamic cultural inheritance)
- MFTD - Money, Finance, Trade & Development
- IDC - Technologies and Solutions for Industrial and Demographic Change
- SOFTINE - Software systems and IT methods for sustainable development
Two attractive campuses in immediate proximity: the Wilhelminenhof campus and the Treskowallee campus

With the two campuses Wilhelminenhof in Oberschöneweide and Treskowallee in Karlshorst, the HTW Berlin has two attractive facilities within close proximity of each other.

The Wilhelminenhof campus has a long and rich tradition as a centre of industrial innovation. Located in Berlin’s South-East, this site played host to two famous companies, Allgemeine Elektrizitäts-Gesellschaft (AEG) and the Kabelwerke Oberspree (KWO) where both made industrial history. The HTW took up residence after a programme of comprehensive refurbishment. Since then, the campus accommodates around 8000 HTW students and an academic staff of 200. A well-stocked library and a cafeteria next to the river Spree constitute the communicative focus of common learning and research.

The transformation of a long-standing industrial site into a state-of-the-art academic centre represents both one of the largest educational projects on the part of Berlin as well as an important chapter of successful town planning.

Our highly-attractive Treskowallee campus in Karlshorst is the result of a step-by-step and ongoing programme of modernization producing modern facilities for teaching, research and the provision of academic services - all of which takes part in the greenest of surroundings. The largest lecture theatre - Auditorium Maximum – as well as being a listed building, is one of the last East Berlin festival rooms from the 1950s. Built at the same time as the Socialist prestige project Stalinallee (now Karl-Marx-Allee), it can be hired for a number of activities ranging from economic functions, trade fairs, congresses and exhibitions.

Daniela Englisch
International Office

The world needs open-minded and inspired citizens with the ability to communicate across borders and to see things from different angles. This is why we foster international exchange at HTW. We do our best to make our international students feel comfortable and welcome here in Berlin; at the same time we encourage others to go abroad and grow through this experience.