

Fachhochschule Hannover (FHH)  
University of Applied Sciences and Arts  
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With more than 7,000 students and about 500 staff members, the FHH ranks the second largest university in the capital of the federal state of Lower Saxony. Founded in 1971 after the merging of several educational institutions, the FHH covers an extraordinary range of disciplines in the five faculties at several locations in Hannover. At the beginning of the winter semester 2005/06 the internationally recognised Bachelor's and Master's Degrees were introduced to supersede the traditional German Diploma.

### Faculties at the FHH

#### Faculty I – Electrical Engineering and Information Technology

Faculty I – Electrical Engineering and Information Technology at the FHH offers a highly qualifying engineering education in seven majors leading to a Bachelor's degree (B.Eng. or B.A.) in Electrical Power Engineering, Information Engineering, Communication Engineering, Technical Communication, Business Engineering or to a Master's Degree (M.Eng. or M.A.) in Sensor and Automation Engineering and Technical Communication (Post Graduate). Generally, the Bachelor programmes take seven semesters to complete, including a six-month practical placement. Faculty I is located on the central campus on Ricklinger Stadtweg. 50 professors and 38 part-time instructors provide for a qualified education.

#### Faculty III – Media, Design and Information



Faculty III – Media, Information and Design offers a wide range of disciplines in nine Bachelor's courses. A Master's course in Information and Knowledge Management (Post Graduate) is available as a vocational part-time programme. As of winter 2008/09 three consecutive Master's Degree Courses will

be offered: TV Journalism, Communication as well as Design and Media. Bachelor's courses at this faculty lead to a Bachelor of Arts (B.A.) and generally take six to eight semesters to complete – including one or two practical terms, depending on the course, and the completion of the final thesis. Master's Degree Courses conclude with a Master of Arts (M.A.). 53 professors and more than 60 part-time instructors and lecturers are involved in the education of about 1,600 students at this faculty, located on the grounds of the former World Exhibition Expo 2000, in immediate vicinity to important companies and organisations, thereby facilitating the establishment of a variety of business contacts.

#### Faculty II – Mechanical Engineering and Bio Process Engineering

Faculty II offers ten different Bachelor's programmes, three of which are co-op programmes, where students alternate between academic and work terms – the only ones of their kind nationwide. The two Bachelor courses Dairy Food Technology and Technology of Regenerating Raw Material are also offered in Hannover only. Generally, a regular programme leading to a Bachelor of Engineering (B.Eng.) takes seven semesters to complete – including a practical term and the completion of the thesis.

In addition, there are six Master's Courses available, among others the new continuing education programme Sustainable Energy Design for Buildings, an interdisciplinary co-op programme for both engineers and architects, as well as a consecutive course in Regenerating Raw Material and Renewable Resources offered in cooperation with the respective Faculty of Resource Management at HAWK – Fachhochschule Hildesheim/Holzminde/Göttingen. The Master's Degree Courses at Faculty II lead to the degree Master of Engineering (M. Eng.). Today, the Faculty II with its two locations on the central campus on Ricklinger Stadtweg and in Hannover-Ahlem is home to 54 professors and approximately 50 part-time instructors.



#### Faculty IV – Business and Computer Science

Faculty IV currently offers three different Bachelor's courses leading to the degree Bachelor of Science (B.Sc.) and two Master's courses, concluding with the degree Master of Science (M.Sc.). A special emphasis is to be placed on its dual vocational programme of Business Administration with a major in Banking and Insurance Industry, which is carried out in cooperation with the Association of Savings Banks of Lower Saxony. The objective of these programmes is to provide a broad-based education in economic principles and social competence and to foster language ability, thus educating students to operate successfully in a globally oriented business world. Faculty IV is located on the central campus on Ricklinger Stadtweg. 46 professors and numerous part-time instructors provide for a qualified and practically-oriented education.

#### Faculty V – Social Welfare and Health Care

This new faculty offers the four different Bachelor's Programmes of Therapeutic Pedagogy, Social Work, Religion Education, Welfare and Health Care and Medical Care as well as two Master's Programmes: Management in Medical- and Health Care Professions and Social Work. These programmes lead to a Bachelor's Degree (B.A.) and Master's Degree, respectively. Faculty V is located in Hannover-Kleefeld. 27 professors and numerous instructors and lecturers are involved in the education of about 1,200 students.

### Advantages of studying at a university of applied sciences

The FHH offers degree programmes which are both application oriented and based on sound scientific principles. Practical terms are incorporated into the study programmes to ensure their practical orientation and to prepare students for a successful career start. Accordingly, one of the essential criteria for recruiting teaching staff is work experience over many years.

Bachelor students have the opportunity to finish their studies after six or eight semesters maximum. If desired, students can round off their studies with an additional Master's degree within two to four semesters. However, should they prefer, they may start on a job first and do their Master's degree later.

Students of the FHH are offered a variety of possible combinations of subjects within their programmes, enabling them to choose from a variety of disciplines and major courses according to their individual needs.



### FHH's international activities

The FHH encourages and supports the international mobility of its students to keep up with the growing globalisation of the economy. Cooperative agreements with more than 70 partner institutions worldwide provide facilities for students to enhance their language and intercultural skills and eventually increase their career opportunities both at home and abroad. The International Office (IB) is the central institution for information and coordination of all international relationships.



As a special service to the students of all universities of applied sciences in Lower Saxony, the U.S.A. student advisory center was established to provide students with information on university study and internship opportunities in the USA and Canada. For more information see [www.fh-hannover.de/ib](http://www.fh-hannover.de/ib).

FHH's foreign language centre was established to offer students of all faculties an extracurricular language education of several semesters in English, French, Spanish, Italian, Dutch, Chinese, Finnish and Swedish. For more details see [www.fh-hannover.de/zff](http://www.fh-hannover.de/zff).

### Excellence and Technology Transfer

Energy and climate protection have become ever more important in recent years. There are numerous actors involved in a variety of related projects in the Hannover region. Fifteen existing institutions have merged to form the registered Association of Excellence for Energy Efficiency, whose main objective is to foster excellence in sciences, research and teaching and to link research, teaching and business in special areas, such as energetic modernisation, building service engineering, power engineering and climate protection. The so-called "Institute of Energy and Climate Protection" is part of Faculty II – Mechanical Engineering and Bio Process Engineering. Further centres of excellence are already in the planning stage.

The outstanding education at the FHH is complemented by a variety of extension courses offered by the Centre for Continuing Education and Technology Transfer (ZWT). In addition to extension courses for university staff and courses in areas such as Health Studies and Adhesive Technology, which have been carried out successfully for many years, it also offers radiation protection and business start-up courses today. The Centre for Continuing Education and Technology Transfer has become an important contact point for business and industry. For more details see [www.fh-hannover.de/zwt](http://www.fh-hannover.de/zwt).



### Quality Management

Quality management (QM) has become more and more important for all kinds of organisations in recent years. The FHH has taken on a pioneering role in the university area: after the successful introduction of a quality management system in the department of Information and Communication (certified in 2001), quality management systems were also implemented in the department of Mechanical Engineering and in all administrative departments of the university in 2004.

On June 2nd, 2005, the FHH was awarded the title of Total E-Quality for its achievements in the field of equal opportunities, which confirms once more its top position with regard to equal opportunities for women and men.

### Requirements for Admission to the Bachelor's Degree Courses

To be admitted to the Bachelor's degree courses students have to submit one of the following: the general qualification for university entrance, the entry exam for a defined number of subjects, the entrance qualification for universities of applied sciences or any other qualification acknowledged as adequate by the ministry of education. As a rule, the closing date for applications is July 15 and January 15, respectively. In order to be admitted to study Design at the Faculty III, applicants have to take an aptitude test. The application for admission to the test together with a portfolio of artworks and supporting documents has to be submitted to the faculty by March 15 of the respective year.



Application forms and further information are available at the registrar's office (Immatrikulationsamt) and at the Institute for Foreign Applicants (Institut für ausländische Fachhochschulbewerber).

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### Requirements for Admission to the Master's Degree Courses

Everyone who holds a Bachelor's Degree or the traditional diploma is admitted to a Master's programme. As only very capable graduates are admitted to postgraduate studies, a qualified testimonial is required. An aptitude test can be taken in addition. The entrance requirements for the chosen programme are stipulated by the examination regulations. As a rule, non-consecutive Master programmes are application-oriented and specifically aimed at students with a professional career and a Bachelor's Degree.



### Advisory Services

The General Advisory Service at the FHH mainly gives advice to prospective and first-year students. In addition, there are advisors in each faculty who can help with individual questions regarding the programmes or the student's personal development.

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For more details about studying at the FHH please see [www.fh-hannover.de/start/language](http://www.fh-hannover.de/start/language)

