To encourage international student exchange and academic cooperation, the University has developed partnerships with more than 100 universities worldwide. These contacts make it possible for an increasing number of students to spend one or two semesters abroad as exchange students, either to study or to do research for their Bachelor’s or Master’s thesis. In recognition of its exemplary implementation of the rules and regulations of the “European Credit Transfer and Accumulation System” (ECTS), Karlsruhe University was awarded the European Commission’s ECTS Label in 2009.

Across its various faculties the University offers a range of degree programs in cooperation with prestigious international partners, leading to dual or even triple qualifications. These programs are in cooperation with international partner institutions. The Europahaus offers on-campus accommodation for exchange students and guest lecturers from international partner institutions. The International Program allows for great flexibility in the selection of individual courses and thus gives students the opportunity to acquire a sufficient number of ECTS credit points. The lectures from our regular degree programs, as well as complementary courses that are unique to this program. IP students are also encouraged to attend German language classes. Through the complementary courses the students become easily acquainted with their new study environment, whereas the lectures and seminars with their guest lecturers for these seminars include representatives of high-level management of business and industry with a wealth of professional experience in their respective fields. The visiting lecturers for these seminars include professors from more than 100 universities worldwide. These contacts make it possible for an increasing number of students to spend one or two semesters abroad as exchange students, either to study or to do research for their Bachelor’s or Master’s thesis. In recognition of its exemplary implementation of the rules and regulations of the “European Credit Transfer and Accumulation System” (ECTS), Karlsruhe University was awarded the European Commission’s ECTS Label in 2009. The International Program (IP) at HsKA offers lectures and seminars in the fields of Business & Economics, Computer Science & Business Information Systems, and Engineering & Sciences. Designed to meet the needs and interests of international exchange students who prefer to study in English, the program is composed of lectures from our regular degree programs, as well as complementary courses that are unique to this program. IP students are also encouraged to attend German language classes. Through the complementary courses the students become easily acquainted with their new study environment, whereas the lectures and seminars with their guest lecturers for these seminars include representatives of high-level management of business and industry with a wealth of professional experience in their respective fields. The International Program allows for great flexibility in the selection of individual courses and thus gives students the opportunity to acquire a sufficient number of ECTS credit points. The lectures from our regular degree program are in most cases given by professors of the university. The complementary courses provide additional skills and competencies that are indispensable in a global world of business and trade. The visiting lecturers for these seminars include representatives of high-level management of business and industry with a wealth of professional experience in their respective fields. For further information and an overview of all courses currently on offer please consult the IP website at: www.hs-karlsruhe.de/internationalprogram
In addition to the classic engineering disciplines, such as Civil or Mechanical Engineering, HsKA also offers more specialized degrees, for instance Infrastructure Engineering or Transportation Management.

Architectural and Construction Engineering

Architecture 6 4
Civil Engineering 7 –
Construction Management 7 –
Construction Management and Economics 7 –
Geotechnical Engineering 7 –
Tri-national Civil Engineering 7 3

Computer Science and Business Information Systems

Business Information Systems 7 3
Computer Science 7 3
Computer Science and Media and Communications 7 –

Electrical Engineering and Information Technology

Electrical Engineering and Information Technology – 3
Electrical Engineering and Informational-Technical Automation 7 –
Electrical Engineering – Information Technology 7 –
Electrical Engineering – Power Engineering and Renewable Energy 7 –
Electrical Engineering – Semiconductors 7 3
Semiconductor Technology 4

Information Management and Media

Communication and Media Management 7 3
Cultural Media Technologies 6 –
Geospatial Information Management 7 –
Geospatial Technologies 7 3/4
Translation Management 7 –

Management Science and Engineering

Business Administration and Engineering 8 2
International Management 8 2

Mechanical Engineering and Mechatronics

Automotive Engineering 7 –
Automotive Engineering for Sustainable Mobility 7 –
Mechanical Engineering 7 –
Mechatronics and Mechatronic Systems 4


In addition to its commitment to high standards of excellence in teaching, the University is very active in the area of applied research. The central Institute of Applied Research (IAT) establishes an environment in which applied, interdisciplinary research and development is possible. Its main objective is to ensure that the scientific potential of the University is made accessible to interested parties, especially industry, through a variety of cooperative activities. The other central research unit is the Institute of Materials and Processes (IMP), where new computer-based modeling and simulation techniques are developed in order to optimize production and manufacturing processes. Faculty-based institutes of applied research include the:

- Institute of Energy Efficient Mobility (IEM)
- Institute of Geomatics (IG)
- Institute of Geotechnical Engineering and Road Construction (GEB)
- Institute of Refrigeration, Air-Conditioning, and Environmental Physics (IKK)
- Laboratory for Automation Technology (LAT)
- Research Institute of Hydraulic Engineering (VAW)

Apart from the IKK, which has established itself as a research center for refrigeration and air-conditioning technology unique in Germany, it is the joint PhD program with the Karlsruhe Institute of Technology (KIT) that deserves special mention. On the basis of its acknowledged strength in applied research, in 2009 HsKA was admitted to the European University Association (EUA) as a full member.

Karlsruhe University of Applied Sciences (HsKA) is a state-owned institution of higher education. Historically it grew out of the “Großherzogliche Badische Baugewerkeschule” (Grand Duchy of Baden College of Building) founded in 1878. In the early 1970s the universities of applied sciences were established in Germany. On 1st October 1971 what was by then the “Staatliche Ingenieurschule Karlsruhe” (Karlsruhe State College of Engineering) became the “Fachhochschule Karlsruhe” (Karlsruhe Polytechnic) with approximately 2,500 students. Its official German name was changed to “Hochschule Karlsruhe – Technik und Wirtschaft” in 2005.

The University today in figures:

(as of 2015)

- Students
  - Bachelor/Master
    - Bachelor 19,587
    - Master 2,749
  - Doctoral students 81
- Professors 191
- Honorary professors 17
- Full- or part-time lecturers and instructors 379
- Technical and administrative staff 453
- International students approx. 13 %

The University is a founding member of the German Alliance for Applied Sciences, HAWtech, a consortium of Germany’s leading universities of applied sciences.

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The majority of German engineers graduated from universities of applied sciences such as HsKA. In order to narrow the gap between the theoretical world of lectures and the practical world of the workplace, degree programs at the University are specifically designed to combine an academic education with the requirements of industry. Important elements of the application-oriented curriculum are:

- Industrial and business experience of the teaching staff
- Industry-relevant work in laboratories and practical courses
- Integrated internships
- Application-oriented project work and final thesis

The integrated internships are of particular importance to our goal of educating our students for the workplace. By working in companies, engineering consultancies, and public offices, they become more familiar with these working environments and the application of academic theory to practical problems.

HsKA’s approach of educating its students for the workplace has been validated by numerous national university rankings. In an extensive survey of German personnel managers, carried out annually by the prestigious WirtschaftsWoche business magazine, HsKA has repeatedly been ranked overall as the university with the best reputation for employability.

In addition to its commitment to high standards of excellence in teaching, the University is very active in the area of applied research. The central Institute of Applied Research (IAT) establishes an environment in which applied, interdisciplinary research and development is possible. Its main objective is to ensure that the scientific potential of the University is made accessible to interested parties, especially industry, through a variety of cooperative activities. The other central research unit is the Institute of Materials and Processes (IMP), where new computer-based modeling and simulation techniques are developed in order to optimize production and manufacturing processes. Faculty-based institutes of applied research include the:

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