Further Information

Course guidance
- www.uni-hannover.de/finanzierung
  (see "finanzierung")

Course information
- www.et-inf.uni-hannover.de

Admission regulations for all courses
- www.uni-hannover.de/bestandsaufnahme

Study and examination regulations
- www.uni-hannover.de/lehre

General information about studying
- www.uni-hannover.de

Accommodation and social matters
- www.studentenwerk-hannover.de

Student contributions
- www.uni-hannover.de/studienbeitrag

Scholarships
- www.uni-hannover.de/loesen/stipendien

Useful Addresses

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Computer Sciences

This MSc in Computer Science offers an in-depth education in the areas of computer science. Students will acquire the ability to independently and comprehensively not only understand the questions posed in computer science and their applications, but also to structure them and form abstract models. This in turn puts the students into the position of being able to define solutions which correspond to the status of computer science from a technological and scientific point of view.

The MSc in Computer Science is preparation for a career in various sectors of industry and the economy and enables students to undertake autonomous scientific tasks. It will qualify the students to work independently and to hold a leading position in the fields of computer science and information technology.

It can also serve as preparation for a later PhD or doctorate.

Profile of Degree Courses

The research-oriented and practical study of computer science at the Leibniz Universität Hannover offers a great selection of basic subjects as well as a wide selection of application-oriented subsidiary subjects such as economics, business studies, cartography and remote sensing, mechanical engineering, mechatronics, water and environmental engineering, management and many more. The academic study is complemented with practice-relevant components such as foreign languages, the visualisation and presentation of content, as well as communication skills and the ability to work as part of a team.

Course Content

In this master’s programme, students can choose from the following core competence areas: information systems, man-machine communication, networks and distributed systems, software engineering, systems engineering and theoretical computer science. In addition, there are the basics of computer science and a subsidiary subject. An industrial placement can also be completed.

Practical Training

Practical training is not compulsory, but students can, either before or during the master’s programme, attend eight-week’s practical training. This activity can be carried out in the hardware and/or software fields. Completed, relevant training or relevant practical training in engineering is recognised as professional work experience.

Study Abroad

There are a variety of opportunities for undertaking a stay abroad: a semester or study year, practical training or for a doctorate. Such a stay is made possible by exchange programmes with many foreign universities.

Fields of Professional Activity and Employment

The graduates will find their working environment in all areas of industry, the economy, administration and the service industry. For example, there are job opportunities in companies which are concerned with information and communication technologies, energy technology, medical technology and automotive engineering, etc. The most important task is the development of application-oriented software, the tools and the respective processes. The diverse application areas offer computer scientists a varied line of work and also the opportunity to specialise according to their own individual interests.

Admission

Admission to the course is restricted. Prospective students may apply for the winter term and the summer term using the online application form on the homepage of the leibniz Universität Hannover. The deadline for application is 31st May of the year for the winter term and 15th January for the summer term.

For further information and application forms see: www.uni-hannover.de/studienbewerbung

Curriculum

- Theory
- Computer Science
- Subsidiary subjects
- Laboratory tutorials and seminars
- basics of general studies

Master-Thesis

The master-thesis consists of several achievements in examinations accompanying the course work and a final thesis paper. Achievements in examinations accompanying the course work are: exam paper, oral examination, projects, achievements in seminars and laboratory.

1 Subject to change