



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



Table of Contents

Master's degree	2
Computer Engineering – Master of Science • Leibniz University Hannover • Hannover	2

Master's degree



Computer Engineering – Master of Science

Leibniz University Hannover • Hannover

Overview

Degree	Master of Science
Course location	Hannover
Teaching language	<ul style="list-style-type: none">• German• English
Languages	Courses are held in English (30%) and German (70%). Participants can choose to write their Master's theses in either language.
Full-time / part-time	<ul style="list-style-type: none">• full-time
Programme duration	4 semesters
Beginning	Winter and summer semester
Application deadline	<p>First-year students from Germany and the EU</p> <ul style="list-style-type: none">• 1 June to 15 July of the year for the winter semester• 1 December to 15 January of the year for the summer semester <p>First-year students from non-EU countries (application via uni-assist)</p> <ul style="list-style-type: none">• 15 April to 31 May of the year for the winter semester• 15 October to 30 November of the previous year for the summer semester <p>Prospective students applying from outside the EU must request a Preliminary Examination Documentation (VPD) from uni-assist before applying to the Master's programme. The processing time for the VPD takes up to eight weeks. Therefore, please allow enough time before applying for the programme. More information about applying for the VPD can be found on the central application pages.</p>
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	The Master's degree programme in Computer Engineering offers students in-depth training in the

specialist disciplines of computer science and information technology, e.g. applied computer science, architectures and systems, communications networks and message transmission systems, distributed systems, high-frequency technology and wireless systems, man-machine communication, mixed signal circuitry, multimedia signal processing and automatic image interpretation, systems engineering, and theoretical computer science. The programme exhibits numerous connections to the disciplines of automation technology, communications technology and electrical engineering. Students gain the skills required to independently and comprehensively understand and structure technical informatics issues and their applications, and to develop abstract models. These skills enable students to define solutions that comply with state-of-the-art technical informatics in terms of technology and science. The Master's degree programme in Computer Engineering prepares students for a career in various sectors of industry and the economy, enabling them to produce scientific work independently. The degree qualifies graduates to work independently and to take on managerial roles in the fields of computer science and information technology. It also entitles graduates to embark on doctoral studies.

Course Details

International elements	<ul style="list-style-type: none"> • International guest lecturers • Specialist literature in other languages
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	No

Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	<p>Approx. 400 EUR semester fee ("Semesterbeitrag") The semester fee includes the following:</p> <ul style="list-style-type: none"> • Contribution to the "Studentenwerk Hannover" (student services organisation) • Contribution to the student government (Student Union, AStA) • Semester ticket • Contribution to administrative costs for the Federal State of Lower Saxony <p>http://go.lu-h.de/study-costs</p>
Costs of living	<p>Compared with other European countries, the cost of living in Germany is quite reasonable. The prices for food, accommodation, clothing, cultural events, etc. are basically in line with the EU average. You will need around 850 EUR a month to cover your living expenses. The largest expense will be your monthly rent. In Hanover, the rent amounts to between 300 and 500 EUR per month.</p> <p>Cost of studying at Leibniz University Hannover: http://go.lu-h.de/study-costs</p> <p>General information on the cost of studying in Germany: https://www.study-in.de/en/plan-your-stay/money-and-costs/cost-of-living_28220.php</p>

Funding opportunities within the university

Yes

Description of the above-mentioned funding opportunities within the university

Although tuition fees no longer exist in Lower Saxony, costs are indeed incurred at university, such as the semester fee, accommodation and living costs, and costs for learning materials. Here you will find possibilities to help you finance your studies:

www.uni-hannover.de/en/studium/finanzierung-foerderung

Deutschlandstipendium:

go.lu-h.de/deutschlandstipendium

Niedersachsenstipendium:

go.lu-h.de/niedersachsenstipendium

Requirements / Registration

Academic admission requirements

The prerequisite for access to the Master's degree programme is a Bachelor's degree in a subject-related previous degree from a university recognised by the German Conference of Ministers of Education (see: <https://anabin.kmk.org>, search for "Institutions").

An admissions committee decides whether the previous degree is suitable (subject-specific). You can use the following information to assess your chances of admission in advance.

For the Master's programme in Computer Engineering, the following previous studies are required:

- 15 ECTS in Mathematics
- 15 ECTS in Fundamentals of Computer Science
- 15 ECTS in Fundamentals of Computer Engineering
- 20 ECTS in specialisation in Computer Science or Computer Engineering

You may be admitted with the condition that you make up any missing Bachelor's modules within two semesters. https://www.uni-hannover.de/fileadmin/luh/studium/ordnungen/zugang/master/zo_m_informatik_technische_inform

Language requirements

You have to present a German or English language certificate of level C1. Accepted language certificates are listed here: https://www.uni-hannover.de/fileadmin/luh/images/fsz/Uebersicht_akzeptierte_Sprachnachweise_an_der_LUH_01.pdf

Application deadline

First-year students from Germany and the EU

- 1 June to 15 July of the year for the winter semester
- 1 December to 15 January of the year for the summer semester

First-year students from non-EU countries ([application via uni-assist](#))

- 15 April to 31 May of the year for the winter semester
- 15 October to 30 November of the previous year for the summer semester

Prospective students applying from outside the EU must request a **Preliminary Examination Documentation (VPD)** from uni-assist before applying to the Master's programme. The processing time for the VPD takes **up to eight weeks**. Therefore, please allow enough time before applying for the programme. More information about applying for the VPD can be found on the [central application pages](#).

Submit application to

<https://www.uni-hannover.de/en/studium/vor-dem-studium/bewerbung-zulassung/studienplatzbewerbung>

Services

Possibility of finding part-time employment

There are many job opportunities for students on campus (in the different departments, the central administration, etc.) and off campus. About two-thirds of our students work at part-time jobs while pursuing their studies.

Internal job postings:

<https://www.uni-hannover.de/en/universitaet/stellenangebote-arbeit-an-der-uni/jobboerse>

Student jobs outside of the university:

[jobbico Uni Hannover](#)

Accommodation

[Links on housing in Hanover](#) (including a video about housing in Hanover for international students)

Career advisory service

The job market is complex and offers a wide range of options for students when they finish their degrees. Decisive factors for a successful start to your career are a clear professional goal, some initial experience in actual practice, contacts in the working world, and the ability to make a convincing impression in the job application process. The Career Service supports students from all subjects on their personal journey from their studies via internships to their careers.

www.zqs.uni-hannover.de/en/kc/career-guidance-and-service/individual-advice/

Support for international students and doctoral candidates

- Buddy programme

Contact

Leibniz University Hannover

Fakultät für Elektrotechnik und Informatik - Studiengangskoordination Informatik

Ulrike von Holdt

Appelstraße 11/11a
30167 Hannover

✉ vonholdt@et-inf.uni-hannover.de

🌐 Course website: <https://www.uni-hannover.de/en/studium/studienangebot/info/studiengang/detail/computer-engineering-1>

📘 <https://www.facebook.com/unihannover/>

🐦 <https://twitter.com/unihannover?lang=de>

🌐 <https://www.linkedin.com/school/leibniz-universit-t-hannover-germany/?originalSubdomain=de>

📷 https://www.instagram.com/uni_hannover/

📺 <https://www.youtube.com/c/LeibnizUniversit%C3%A4tHannover>

Last update 08.01.2025 22:01:36

International Programmes in Germany - Database

www.daad.de/international-programmes
www.daad.de/sommerkurse

Editor

DAAD - Deutscher Akademischer Austauschdienst e.V.
German Academic Exchange Service
Section K23 – Information on Studying in Germany
Kennedyallee 50
D-53175 Bonn
www.daad.de

GATE-Germany

Consortium for International Higher Education Marketing
www.gate-germany.de

Disclaimer

The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

The publication is funded by the German Federal Ministry of Education and Research and by contributions of the participating German institutions of higher education.



Federal Ministry
of Education
and Research