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International Programmes in Germany 2017

International Mechatronics • Leibniz Universität Hannover • Garbsen

Degree

Master of Science in Mechatronics (MSc) from Leibniz Universität Hannover
Master of Science in Information Science and Computer Engineering (MSc) from St. Petersburg State Polytechnical University

In cooperation with

St. Petersburg State Polytechnical University

Joint Degree/Double Degree

Two-year double degree Master's programme with St. Petersburg State Polytechnical University

Course language(s)

English (100%)

Admission semester

Winter semester only

Beginning

Winter semester for Master's course
At the end of September, a one-week orientation course is offered. A two-month German language course for students from abroad is highly recommended before the academic programme starts.

Programme duration

MSc:

- First and second semesters at St Petersburg State Polytechnical University
- Third and fourth semesters at Leibniz Universität Hannover

Application deadline

31 May

CONTACT

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Studiendekanat Maschinenbau

Dr Björn Niemann
An der Universität 2
30823 Garbsen

E-mail [<mailto:mailbox@mec.uni-hannover.de>] »

Course website [<http://www.mechatronik.uni-hannover.de/>] »

Submit application to

Leibniz Universität Hannover
Immatrikulationsamt
Welfengarten 1
30167 Hannover
Germany

Tel.: +49 (0)5 11-7 62 20 20 (Servicehotline)
Fax: +49 (0)5 11-7 62 31 45
E-mail: studium@uni-hannover.de

Course content

International Mechatronics is a two-year Master's degree course. The first year of the course is taught at St Petersburg State Polytechnical University in Russia and the second year at Leibniz Universität Hannover in Germany. The language of teaching is English. The first year of the course concentrates on information engineering and mathematics. The second year concentrates on mechanical and electrical engineering, with the final semester devoted to the completion of a Master's degree project and thesis.

Duration of Master's thesis: six months

Upon successful completion of the course, each student will receive two degrees:

- Master of Science in Mechatronics (MSc) from Leibniz Universität Hannover
- Master of Science in Information Science and Computer Engineering (MSc) from St Petersburg State Polytechnical University

Educational organisation

More detailed information about the course content can be found in the International Mechatronics Leaflet.

http://www.maschinenbau.uni-hannover.de/fileadmin/institut/pdf/Flyer/international_mechatronics_flyer.19.08.2015.pdf [http://www.maschinenbau.uni-hannover.de/fileadmin/institut/pdf/Flyer/international_mechatronics_flyer.19.08.2015.pdf]

Study abroad unit(s)

Participants spend the first and second semesters in St. Petersburg, the third and fourth semesters at Leibniz Universität Hannover.

Internships

No internship is required but may be useful.

Forms of assessment

Written or oral examination after each semester

ECTS credits

120

Funding of the joint degree / double degree

DAAD (German Academic Exchange Service)

Course objectives

The aim is to train students in the multidisciplinary field of mechatronics. Therefore, the study programme consists of about 25% basic skills (mathematics, physics), 25% electrically oriented skills, 25% mechanical skills, and 25% information technologies. Various laboratory projects and a voluntary internship provide the opportunity to apply theoretical knowledge.

Tuition fees

None

Enrolment fees

Unless otherwise noted by the faculty, on enrolment, students have to pay approx. 370 EUR as an administrative fee including a semester ticket (public transport costs).

Costs of living

See: <http://www.international.uni-hannover.de/lebenshaltungskosten0.html> [<http://www.international.uni-hannover.de/lebenshaltungskosten0.html>]

Job opportunities

Student assistant positions are available.

Funding opportunities within the university

Scholarships are available for excellent students.

Language requirements

Applicants must provide proof of their English skills.

Academic requirements

The requirement for participation in the Master's course is a BSc in mechatronics, mechanical engineering or electrical engineering.

All applicants for the Master's course must attend an entrance test (written examination and selection interview).

Where to apply

Leibniz Universität Hannover
Immatrikulationsamt
Welfengarten 1
30167 Hannover
Germany

Tel.: +49 (0)5 11-7 62 20 20 (Servicehotline)

Fax: +49 (0)5 11-7 62 31 45
E-mail: studium@uni-hannover.de

Arrival support

The International Office offers a variety of services and support for international students.

It helps students in finding suitable accommodation, offers a pick-up service from the airport or railway station, provides newly arrived students with a "study buddy" and helps them deal with administrative issues. Moreover, it organises an orientation week at the beginning of each semester.

<http://www.international.uni-hannover.de/> [<http://www.international.uni-hannover.de/>]

Services and support for international students

See: <http://www.international.uni-hannover.de/594.html?&L=1> [<http://www.international.uni-hannover.de/594.html?&L=1>]

Accommodation

The International Office, in cooperation with the "Studentenwerk" (Student Services), offers an accommodation service for all newly incoming international students and scholars. This free service can help you find a suitable room or apartment. In the case that you don't need your accommodation for a certain period of time, we can try to help you to rent out your room.

Please contact: zimmervermittlung@io.uni-hannover.de

Course website

www.mechatronik.uni-hannover.de/ [<http://www.mechatronik.uni-hannover.de/>]

About the university

Founded in 1831, the Higher Trade School of Hannover started with only 64 students. Today, 28,000 students are enrolled at Leibniz Universität Hannover. It is an international university with currently more than 2,000 international students and about 400 partner universities worldwide. Leibniz Universität Hannover has an academic staff of 2,900 at nine faculties with more than 160 institutes. It is a member of TU9, the nine outstanding German universities with an excellent spectrum of engineering, technology, and science in teaching and research. More than 90 subjects from the fields of engineering, science, law, economics and management, humanities and social sciences are waiting for you at Leibniz Universität Hannover. Amongst these are plant biotechnology, mechatronics, water resources and environmental management, nanotechnology, European legal practice,

environmental planning, and European studies.
Leibniz Universität Hannover is named after the
universal scholar and scientist Gottfried Wilhelm
Leibniz (1664-1716) who lived and worked in
Hannover.

<http://www.uni-hannover.de> [<http://www.uni-hannover.de>]

Total number of students

28,000

Total percentage of international students

11 %

About the city

Hannover smiles better...

Hannover, the capital of the federal state of Lower Saxony, has just over half a million inhabitants and is centrally located: Berlin, Hamburg and Göttingen are easy to reach by bus or train. The Harz mountain range, once divided by the German-German border, is about an hour away.

As host to several fairs, Hannover is very open and welcoming to international guests and partners. You will find that most information is also available in English and often in other languages, too. And if you can't find your way you can always ask Hanoverians as they will be glad to help you.

Hannover has a large pedestrian area in the city centre, stretching from the central station down to Steintor. For your first look around you can go on the famous do-it-yourself tour called "Der rote Faden". All you need to do is buy the Red Thread Guide at the tourist information across from the central station and follow the red painted line along the sidewalks around the city centre. This 4.2 km tour will give you a first impression of Hannover's main highlights.

Hannover is a very "green" city with many parks, which are inviting places to barbecue or to relax. The "Eilenriede" is one of Europe's largest city-forests and is an ideal place for running or going for walks. Those who want to relax can also do so at Maschsee lake. The Maschsee festival takes place here every year in August.

<http://www.hannover.de> [<http://www.hannover.de>]