Table of Contents

Master's degree ........................................................................................................................................... 2

Master of Science in International Horticulture • Leibniz Universität Hannover • Hannover ..... 2
# Master's degree

## Master of Science in International Horticulture

Leibniz Universität Hannover • Hannover

### Overview

<table>
<thead>
<tr>
<th>Degree</th>
<th>Master of Science in International Horticulture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teaching language</td>
<td>English</td>
</tr>
<tr>
<td>Languages</td>
<td>Three majors are completely taught in English. A fourth major, &quot;Gartenbauliche Wertschöpfungsketten&quot;, is taught in German, but students can choose courses held in English as well. Participants can choose to take exams in either language.</td>
</tr>
<tr>
<td>Programme duration</td>
<td>4 semesters</td>
</tr>
<tr>
<td>Beginning</td>
<td>Winter semester</td>
</tr>
<tr>
<td>More information on beginning of studies</td>
<td>Beginning of October: orientation week, introduction to computer pool, library, data, and literature research; events like rallye at International Office</td>
</tr>
<tr>
<td>Application deadline</td>
<td>1 October of the preceding year at the Institute of Horticultural Production Systems for DAAD scholarship - further information: scholarship application information</td>
</tr>
<tr>
<td></td>
<td>Applications are to be sent to the admission office directly. Inquiries: <a href="mailto:msc@gem.uni-hannover.de">msc@gem.uni-hannover.de</a></td>
</tr>
<tr>
<td></td>
<td>31 May for the following winter semester with other financial sources, preliminary documents accepted</td>
</tr>
<tr>
<td></td>
<td>Application directly to Leibniz Universität Hannover: Application for Master’s programmes at Leibniz Universität Hannover</td>
</tr>
<tr>
<td>Tuition fees per semester in EUR</td>
<td>None</td>
</tr>
<tr>
<td>Combined Master’s degree / PhD programme</td>
<td>No</td>
</tr>
<tr>
<td>Joint degree / double degree programme</td>
<td>No</td>
</tr>
<tr>
<td>Description/content</td>
<td>MSc in International Horticulture (MSc HORT) is an international Master of Science programme in the field of horticulture at Leibniz Universität Hannover, Germany. The programme is research-oriented and well-positioned to respond to the needs of horticultural constituencies throughout the world. Fruits, vegetables, flowers and trees - improving their quality, yield, economic performance, and their eco-friendly cultivation: these aspects make up the domain of horticultural scientists. We engage in research in various fields of plant biotechnology, crop production, and horticultural</td>
</tr>
</tbody>
</table>
value chains, from molecular plant breeding and plant architecture modelling to the economics of
crop production and market research.
Besides lectures and seminars, you will have the possibility to do exciting laboratory work or
practical work in greenhouses and on our fields. You will deepen your knowledge in your own
experiments.

The curriculum offers the full spectrum of subjects in horticultural science, ranging from basic
biological principles to production technologies, production systems, and economics. Students
can specialise in one of the following four main majors, the first three of which are taught in
English, the fourth of which is taught in German:

1. Plant Production and Propagation
2. Plant Biotechnology, Physiology, and Genetics
3. Economics
4. Gartenbauliche Wertschöpfungsketten

If you want more information about potential supervisors for your Master’s thesis and their
institutes and sections, please visit our course website.
You can find information on their specific research interests and publications.

To get the full picture of the two years of study, please take a look at our graduate student
handbook, containing all modules, the course selection process, an introduction to the university,
and assistance in how to write your thesis as well as help with the working and living environment.

Course Details

**Course organisation**
Depending on their major field, students are assigned to a supervisor who guides them through
their research and course selection. The student is fully integrated into the supervisor’s working
group with access to their office, laboratory, climate chamber, and other research facilities.

Planning of the research project starts at the beginning of the first semester, and research
proposals are presented in the second half of this semester. Parallel to the research work, students
take courses. Some of these are compulsory for all, some elective according to the specialisation
and interest of the individual student. More than 50 courses in English and German are available.

A full four-week internship in a private company or public institute with the objective of obtaining
practical experience is also part of the programme. This is a highlight for many students, giving
them the opportunity to experience the professional life of Germany and the working atmosphere
and relationship among colleagues at all levels.

**Types of assessment**
Seminar papers, minutes, practicals, exercises, and written tests with and without multiple choice,
research papers, oral examinations, oral presentations, Master’s thesis

**A Diploma supplement will be issued**
Yes

**International elements**
- International guest lecturers
- Specialist literature in other languages
- Language training provided
- Training in intercultural skills
- Study trips
- Projects with partners in Germany and abroad

**Integrated internships**
An important part of the programme is a four-week internship in a private company or public
institute with the objective of obtaining practical experience in the field of horticulture or
deepening research techniques.
The internship takes place either in March or in the summer of the first year of study. We have placements in private laboratories, research institutes, agricultural administration, large and small private horticultural producers and trading companies, biotech companies, and botanical gardens.

### Costs / Funding

| Special promotion / funding of the programme | DAAD development-related postgraduate course |
| Course-specific, integrated German language courses | Yes |
| Course-specific, integrated English language courses | No |

#### Costs of living

- Approx. 850 EUR a month for living expenses

"Compared to 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 is your monthly rent." (https://www.study-in.de/en/plan-your-stay/money-and-costs/cost-of-living_28220.php)

In Hannover, the rent amounts to between 300 and 500 EUR per month.

#### Funding opportunities within the university

- Yes

Please see: https://www.uni-hannover.de/en/studium/finances-funding/

### Requirements / Registration

#### Academic Admission Requirements

Successful completion of an undergraduate academic programme at a college/university or polytechnic in the field of horticulture, agriculture, biology, or a related subject with an internationally recognised qualification (preferably a BSc in horticulture, agriculture, biology, or a related degree)

Further details can be found in the regulations for admission.

#### Language requirements

If English is not the student’s native language, an international language certificate is necessary at
level B2.

More information: proof of language proficiency

**Application deadline**

1 October of the preceding year at the Institute of Horticultural Production Systems for DAAD scholarship - further information: scholarship application information

Applications are to be sent to the admission office directly. Inquiries: msc@gem.uni-hannover.de

31 May for the following winter semester with other financial sources, preliminary documents accepted

Application directly to Leibniz Universität Hannover: Application for Master’s programmes at Leibniz Universität Hannover

**Submit application to**

Leibniz-Universität Hannover
Admission Office
Dr Dagmar Kunze
Herrenhäuser Str. 2
30149 Hannover
Germany

---

## 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/jobs/jobboerse/](https://www.uni-hannover.de/en/universitaet/jobs/jobboerse/)

Students' jobs outside of the university: [jobbico Uni Hannover](https://www.uni-hannover.de/en/universitaet/jobs/jobboerse/)

### Accommodation

[Links for housing in Hannover](https://www.uni-hannover.de/en/universitaet/jobs/jobboerse/)

[Video about housing in Hannover for international students](https://www.uni-hannover.de/en/universitaet/jobs/jobboerse/)

### Career advisory service

Leibniz Universität Hannover has a career service with a large portfolio, including skills training, career development support, job opportunities / contact to potential employers, professional orientation, internship offers, and more. A growing number of services are also offered in English.

More information (only in German so far): [career support](https://www.uni-hannover.de/en/universitaet/jobs/jobboerse/)

### Specific specialist or non-specialist support for international students and doctoral candidates

- Welcome event
- Buddy programme
- Tutors
- Accompanying programme
- Specialist counselling
- Cultural and linguistic preparation
- Visa matters
- Pick-up service
- Other
Leibniz Universität Hannover

Leibniz Universität Hannover: Shaping the future with knowledge

As one of the nine leading institutes of technology in Germany, Leibniz Universität Hannover is aware of its responsibility in seeking sustainable, peaceful, and responsible solutions to the key issues of tomorrow. Our expertise for this stems from the broad spectrum of subjects, ranging from engineering and natural sciences to architecture and environmental planning, and from law and economics to social sciences and humanities.

The main building of the university is the Royal Welfenschloss (Palace of the Guelphs) at Welfengarten Park. In 1879, the Higher Vocational School, originally founded in 1831, moved into the palace. Later, it became the Königliche Technische Hochschule (Royal College of Technology). Only 64 pupils attended the Vocational School at first, but now there are almost 30,000 students enrolled in the nine faculties of Leibniz Universität Hannover and some 3,100 researchers are working in more than 180 institutes.

Our key research areas

Leibniz Universität Hannover is among the world’s leading institutions in its key research areas: biomedical research and engineering, quantum optics and gravitational physics, production engineering, and interdisciplinary studies of science and academia. These give us our innovative strength in developing precision measurement methods, optical technologies, novel materials, intelligent implants, and innovations in information technology or in the field of Industry 4.0.

The broad range of subjects at Leibniz Universität Hannover is entirely compatible with the overall university strategy of raising its profile, in particular in teaching and research, including the establishment and enhancement of research priority areas originating in the humanities and social sciences. Cooperation agreements with national and international partners strengthen our scientific expertise – our most important partner is Hannover Medical School.

By adopting the name of the polymath Gottfried Wilhelm Leibniz in 2006, the university committed itself to unity in diversity.
University Location
Find us here on Google Maps.

Contact

Leibniz Universität Hannover
Institute of Horticultural Production Systems
30419 Hannover

msc@gem.uni-hannover.de
Course website: https://www.naturwissenschaften.uni-hannover.de/en/studies/degree-programmes/plant-sciences/international-horticulture-msc/

https://www.facebook.com/MscInternationalHorti/

Last update 13.01.2020 01:35:08
International Programmes in Germany - Database

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

Editor
DAAD - Deutscher Akademischer Austauschdienst e.V.
Section K23 - Information on Studying in Germany
(responsible: Judith Lesch)
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.