



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Master's degree



## Integrated Plant and Animal Breeding (MSc)

University of Göttingen • Göttingen

### Overview

Degree	Master of Science (MSc)
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
Languages	All courses will be taught in English.
Full-time / part-time	<ul style="list-style-type: none"><li>full-time</li></ul>
Programme duration	4 semesters
Beginning	Winter semester
Application deadline	<b>Non-European</b> applicants: <b>15 February</b> for the following winter semester <b>European</b> applicants: <b>1 June</b> for the following winter semester
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The International Master's programme in "Integrated Plant and Animal Breeding"...</p> <ul style="list-style-type: none"><li>provides a profoundly interdisciplinary approach to breeding research by bridging the gap between animal and plant breeding.</li><li>covers all relevant disciplines of breeding research.</li><li>is supplemented by external lecturers from leading international breeding companies, research institutions, and national authorities.</li></ul> <p>Animal breeding and plant breeding are driving the development of new livestock and crop varieties that can cope with the challenges of the changing environment and the demands of consumers. Breeding research integrates areas such as quantitative and molecular genetics, biotechnology, and breeding informatics. It has close links to neighbouring fields such as animal and plant nutrition, animal health and crop protection, marketing, economics and ethics. Highly specialised experts in this field are required worldwide. Graduates of this programme will have excellent career opportunities in both academia and industry.</p>

# Course Details

Course organisation	<p>The two-year Master's programme requires 120 ECTS, divided into the study programme with 81 ECTS (lectures, internships, seminars), a six-week internship (9 ECTS) and the Master's thesis including colloquium (30 ECTS).</p> <p><b>Compulsory modules:</b></p> <ul style="list-style-type: none"> <li>• Quantitative genetics and population genetics</li> <li>• Breeding schemes and programmes in plant and animal breeding</li> <li>• Statistical genetics, breeding informatics and experimental design</li> <li>• Biotechnology and molecular genetics in plant and animal breeding</li> <li>• Selection theory, design and optimisation of breeding programmes</li> </ul> <p><b>Internship</b> (six weeks): research-intensive internship in the industry or public research institutes</p> <p><b>Elective Modules:</b></p> <ul style="list-style-type: none"> <li>• Breeding informatics</li> <li>• Legal issues in plant and animal breeding</li> <li>• Poultry breeding and genetics</li> <li>• Biotechnology and forest genetics</li> <li>• Genetic resources</li> <li>• Seed marketing</li> </ul> <p><b>Master's thesis and Master's defence</b></p> <p><a href="#">» PDF Download</a></p>
A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none"> <li>• International guest lecturers</li> </ul>
Integrated internships	<p>An internship of six weeks is a compulsory module. This has to be completed during one semester break. Programme advisers will assist students in finding an appropriate internship. Students will carry out practical work in areas of plant or animal breeding.</p> <p>Specific knowledge of the respective area of work/research will be acquired, and social abilities like work organisation, teamwork, interdisciplinary work, and flexibility will be practised.</p>
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>Fees are around 400 EUR per semester. The fees include a prepaid semester ticket that entitles students to use regional trains (in Lower Saxony and Bremen) and city buses in Göttingen free of charge. Students of the University of Göttingen receive discounts for cultural events. Meals and</p>

drinks are also available at reduced prices at all university canteens.  
Fees: <http://www.uni-goettingen.de/fee>  
Semester ticket: <http://www.uni-goettingen.de/en/16432.html>

#### Costs of living

The average cost of living in Göttingen is modest compared to other major university cities in Germany. Currently, expenses for accommodation, food, health insurance and books are about 850 EUR per month. Please note that fees for health insurance may vary according to age.

For further information, please see the following link: [www.uni-goettingen.de/en/54664.html](http://www.uni-goettingen.de/en/54664.html)

#### Funding opportunities within the university

Yes

#### Description of the above-mentioned funding opportunities within the university

Germany Scholarship (Deutschlandstipendium): <https://uni-goettingen.de/en/218535.html>

## Requirements / Registration

#### Academic admission requirements

Successful applicants must have an above-average or preferably good grade in their undergraduate degree (BSc) from a programme with a duration of at least six semesters in agricultural sciences, biology or a related study field.

Please see the [iPAB admission criteria](#).

#### Language requirements

Applicants whose first language is not English have to prove a good working knowledge of English. Their proficiency in English must be certified in an internationally recognised test. The following tests and levels are accepted:

- a) Cambridge English: First (FCE) at least with grade A
- b) Cambridge English: Advanced (CAE) at least with grade C
- c) Cambridge English: Proficiency (CPE) at least with "pass"
- d) IELTS Academic (International English Language Testing System): at least with Band 6
- e) Test of English as a Foreign Language, Internet-based test (TOEFL iBT): at least with 80 points
- f) Test of English as a Foreign Language, paper-based test (TOEFL PBT): at least with 550 points
- g) The Pearson Test of English Academic (PTE Academic), at least with 60 points
- h) UNICert level II
- i) other proof according to the "Common European Framework of Reference for Languages" (CEFR), at least level B2
- j) technical assessment or coursework after foreign stays of at least three months or University language courses in an English-speaking country corresponding to the level of the tests in points a-i)
- k) a minimum of two years of study or work in a country where English is the official language

Successful completion of the test (a-i) may not be more than three years before receipt of the application for admission.

Please also have a look at our website about the [proof of proficiency in English](#).

#### Application deadline

**Non-European** applicants: **15 February** for the following winter semester  
**European** applicants: **1 June** for the following winter semester

#### Submit application to

Apply via our [iPAB application platform](#).

# Services

## Possibility of finding part-time employment

The university supports students in finding part-time jobs in local industries and businesses. A number of student jobs are also available at the university. They are announced on the following website: [www.stellenwerk-goettingen.de](http://www.stellenwerk-goettingen.de)

Please note that restrictions may apply with your scholarship or visa. Non-EU students are subject to special regulations.

Foreign applicants should note that it is not easy to find a job to finance their studies, as German students are also searching for jobs. Some proficiency in German may be indispensable to find a job. Non-EU students are permitted to work a maximum of 120 full days (240 half days) per year.

## Accommodation

The Accommodation Service of the International Office supports international students who are enrolled at the University of Göttingen in finding accommodation and serves as a point of contact for related queries. The Accommodation Service also publishes suitable offers from private landlords in Göttingen and collaborates with the Student Services ("Studentenwerk"). As the number of available accommodation options in Göttingen is limited, it is highly recommended to contact the Accommodation Service as early as possible.

For further information, please see the following link: <https://www.uni-goettingen.de/en/617883.html>.

## Career advisory service

The Career Service of the University of Göttingen offers individual support to facilitate your successful transition from the academic to the professional world — whether you want to work in Germany or abroad. Especially for international students aiming for a career entry in Germany, the Career Service provides topic-specific "Career Impulse Sessions", workshops, online learning modules, and a qualification programme in "Building International Careers" as well as digital career tools and a virtual community for international employment opportunities: [www.uni-goettingen.de/en/292.html](http://www.uni-goettingen.de/en/292.html)

## Support for international students and doctoral candidates

- Welcome event
- Buddy programme

## General services and support for international students and doctoral candidates

The International Office provides a complimentary pick-up service ("Buddy Exchange Service") from Göttingen railway station to the accommodation. German students help newly arrived students to adapt to the university and the city during their first weeks. <http://www.uni-goettingen.de/en/49307.html>

There is also an orientation week for new international students, which provides valuable information about Göttingen and the university. <http://www.uni-goettingen.de/en/196392.html>

The programme coordinator discusses the study programme with the students, gives support in selecting suitable courses, and advises students throughout their course of study.

# Contact

## University of Göttingen

Center for Integrated Breeding Research

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🌐 Course website: <https://www.uni-goettingen.de/en/533390.html>

📘 <https://www.facebook.com/IPAB-1359627337409838/>

🐦 <https://twitter.com/uniGoettingen>

🌐 <https://www.linkedin.com/school/-university-of-goettingen/>

📷 <https://www.instagram.com/unigoettingen>

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# International Programmes in Germany - Database

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)  
[www.daad.de/sommerkurse](http://www.daad.de/sommerkurse)

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## GATE-Germany

Consortium for International Higher Education Marketing  
[www.gate-germany.de](http://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".

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