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Master's degree

International Master's Programme in Plant Sciences
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Overview

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More information on beginning of studies

The winter semester starts 1 October. Lectures typically start after the first weekend in October.

Application deadline

1 May 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

With six departments and over 20 research groups dedicated to plant sciences, the University of Bonn is a great place to expand the frontiers of knowledge on fundamental and practical aspects in plant sciences. In this research environment, the Master’s programme Plant Sciences was launched in the winter semester of 2008.

The MSc Plant Sciences programme aims at conveying the integrated understanding of modern plant sciences over the full spectrum of current research from molecules and physiology across biotic and abiotic interactions to global biodiversity. A strong emphasis is placed on practical research experience in the laboratories of the participating research groups. Mandatory courses on plant biochemistry and physiology, plant cell biology, and plant biodiversity and systematics accompanied by elective laboratory courses in the first and second semesters lay the foundation for the Master’s thesis research projects. At the same time, students will have the opportunity to focus their interests on any of these research areas or choose from a wide spectrum of courses.
addressing topics, such as plant molecular biology, plant molecular evolution and phylogenetics, plant proteomics, palaeobotany, phytochemistry, plant nutrition, or plant physiology. For up-to-date information, please see: https://www.plantsciences.uni-bonn.de

Course Details

Course organisation

The MSc Plant Sciences programme is modularised according to the European Credit Transfer System (ECTS). A total of 120 credit points (30 per semester) will be accumulated during two years of study. Integrated laboratory courses to be completed in successive time frames of up to five weeks are central to the concept. Morning lectures in the three areas outlined above (A: plant biochemistry and physiology, B: plant biodiversity and systematics and C: plant cell biology) with a choice of accompanying seminars will be provided over the semesters. Students are free to integrate external lab coursework at non-university institutions into their course programme. This external lab coursework will be equally credited.

Types of assessment

Examinations take place in the form of written exams, presentations, protocols or a combination of these, depending on the module.

A Diploma supplement will be issued

Yes

International elements

- Other

Description of other international elements

Course participation (arranged by oneself) in accredited Master’s programmes at EU universities can be acknowledged.

Integrated internships

Internships that are usually of a six-week duration can be arranged according to the participants' preferences. Internships and practical courses at institutions outside the university (plant research industry, Max Planck Institutes, Forschungszentrum Jülich, etc.) are highly welcome and will be credited. Individual appointments for lab courses will be accepted after prior notification of the programme coordinator.

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

300 EUR per semester
Requirements / Registration

Academic Admission Requirements

Academic admission requirements include a BSc in the life sciences (e.g., biology, biochemistry) or a related field (agricultural biology, biotechnology, forestry etc.). Applicants with a BSc in pharmacy, chemistry, physics, or geosciences will also be considered.

Language requirements

Applicants must provide proof of their English skills: TOEFL (Test of English as a Foreign Language) paper-based 550 or computer-based 213, or IELTS 6.0 (International English Language Testing System). Exceptions (native speakers, eight years of school training conducted in English) may apply.

Application deadline

1 May for the following winter semester

Submit application to

Programme website

Services

Possibility of finding part-time employment

Students may arrange a job as teaching/laboratory assistants ("studentische Hilfskraft", e.g., in supporting experiments in practical courses of the BSc programmes). Such job opportunities must be arranged by the students themselves.

Accommodation

Accommodation in student dormitories/apartments may be available to a very limited extent in Bonn (http://www.studentenwerk-bonn.de). Monthly rent is usually around 250 to 400 EUR per month. Many students also find apartments with slightly higher rent elsewhere in the city.

University of Bonn

An outstanding reputation in teaching and research as well as a unique location make the University of Bonn an especially attractive place to study.

Founded in 1818, the University of Bonn is considered to be not only one of Germany’s but also one of Europe’s leading research universities. As the home of learning to over 38,800 students, the University of Bonn is also one of Germany’s largest institutions of higher education. It enjoys a long tradition as the alma mater of excellent students from Germany and abroad. Currently, more than 5,335 (13.7%) international students from all over the world contribute to the international character of the university and enrich both academic and social life in Bonn, making the university one of the most internationally oriented in the country.
University Location

The city’s charms are hard to miss. Bonn is a beautiful, historic city. It is known as the birthplace of Ludwig van Beethoven and is peacefully located on the banks of the Rhine. Nonetheless, the city offers a vibrant and engaging environment to live, work, and study. As the former seat of government, it still houses various governmental institutions, around a dozen important United Nations agencies, and 170 other international organisations. Bonn is also home to major corporations such as Deutsche Telekom, T-Mobile International, and the Deutsche Post.

Contact

University of Bonn
Coordination Bureau Plant Sciences
IZMB – Institute of Cellular and Molecular Botany

Kirschallee 1
53115 Bonn

plant.sciences@uni-bonn.de
Course website: https://www.plantsciences.uni-bonn.de

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Editor
DAAD - Deutscher Akademischer Austauschdienst e.V.
German Academic Exchange Service
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

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