

Master's programme

Plant Biotechnology

In recent years there has been an impressive rise in technological developments in plant biology, genomics, molecular genetics and bioinformatics. In the Master's Plant Biotechnology students can explore the use of these technologies to study bio-interactions, develop plants for food production and health applications, and to produce bioresources.

The programme is research oriented, with particular focus on molecular and cell biology, genomics and bioinformatics. It also addresses the socio-economic, ethical and environmental impact of the field in a global perspective.



What makes this master's unique?

- **Focus on plant physiology and morphology on the level of a single cell to a whole plant**
- **Learn about the technical aspects of plant biotechnology as well as the ethical and regulatory aspects and intellectual property rights**
- **Applied lectures and practical courses**



Want to get to know the university?

Chat with our students, visit one of the (online) open days or join one of our students for a day. Look for all activities at www.wur.eu/meetus

Study programme in numbers



START
September



NUMBER OF STUDENTS
120 students/year



LANGUAGE
English



STUDY LOAD
42 hours/week, of which
16-20 contact hours/week



APPLICATION DEADLINE
non-EU/non-EFTA students:
15 April
Dutch/EU/EFTA students:
15 June



ADMISSION REQUIREMENTS
www.wur.eu/apply

Specialisations

In the programme you learn the basic principles of plant sciences and molecular biology, as well as the integration of these disciplines, to provide healthy plants in a safe environment for food, non-food, feed and health applications. In the specialisations, you will deepen your knowledge in one of these fields:

- Functional Plant Genomics
- Plants for Human Health
- Molecular Plant Breeding and Pathology



“In the future, I can see myself in many different roles: at university as a researcher, in an NGO, in a research institute or working for a company as sustainability manager or something similar. But I would like to keep working on my favourite topic: smallholder production of tropical perennial crops such as oil palm and cocoa.”

Alumna Lotte, postdoc researcher cocoa nutrition



Related programmes

MSc Bioinformatics - MSc Biotechnology - MSc Plant Sciences -
MSc Biobased Sciences - MSc Molecular Life Sciences -
MSc Nutrition and Health - MSc Biology

Studying in Wageningen

Be part of our international community of students who want to change the world. Together we can find solutions for problems like health and food security, water scarcity, climate change and other environmental and global issues. You are ensured personal guidance throughout your student career. Studying in Wageningen guarantees premium quality education and an international quality benchmark on your curriculum vitae.

www.wur.eu/whywageningen



Structure of the study programme

- 1st** YEAR (60 credits)
- Compulsory courses
 - Specialisation courses to prepare you for your major thesis
 - Optional courses that fit your interest

- 2nd** YEAR
- Thesis (36 credits)
 - Internship or research practice (24 credits)

Your future career

Graduates in Plant Biotechnology are university-trained professionals. Their main career focus will be on research and development positions at universities, research institutes and biotech or agribusiness companies. Other job opportunities lie in the field of policy, consultancy and communication in agribusiness.

THE UNIVERSITY IN NUMBERS



6,936
Master's students



108
Nationalities



66%
Dutch



34%
International



43%
Male



57%
Female

More information

Visit wur.eu/mpd
or mail to mpb.msc@wur.nl

