

## Online Master's programme

# Plant Breeding

New varieties of plants have to meet current demands for sustainable plant production. This online master's programme involves a wide variety of aspects related to the physiology, ecology, and genetics of cultivated plants, ranging from the molecular level to the population level.

The programme teaches students several molecular techniques that will help identify specific genes for natural resistance. These techniques are essential for accelerating the selection process by marker-assisted breeding.



## What makes this master's unique?

- **Study part-time and online**
- **Join an amazing online community addressing world's biggest challenges**
- **Graduates from the online master's Plant Breeding can contribute to the sustainable development of plant production at various integration levels based on their knowledge of fundamental and applied plant sciences**



### *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](http://www.wur.eu/meetus)

## Study programme in numbers



**START**  
September



**NUMBER OF STUDENTS**  
20 students/year



**LANGUAGE**  
English



**STUDY LOAD**  
20 hours/week, online education and two Wageningen weeks



**APPLICATION DEADLINE**  
15 June



**ADMISSION REQUIREMENTS**  
[www.wur.eu/apply](http://www.wur.eu/apply)

## On campus: Wageningen Weeks

This master's programme is completely online, except a short stay in The Netherlands during the two 'Wageningen Weeks' (one week each year). Because some skills cannot be obtained via distance learning, you will visit the campus to meet other students and teachers. You will do practicals, lab work and group projects and enjoy excursions, presentations and lectures. Particularly, you will learn various molecular techniques to contribute to the rapid identification of genes for natural resistance.



*"By following this programme, I am hoping that I can keep on developing my knowledge in Plant Breeding and through that move on to a job in the Research and Development Department of EURALIS. There, I would like to become a maize breeder."*

Student Christina



## Related programmes

MSc Plant Sciences - MSc Plant Biotechnology - MSc Biology -  
MSc Forest and Nature Conservation - MSc Biotechnology

## 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](http://www.wur.eu/whywageningen)



## Structure of the study programme

The online master's specialisation is designed for part-time study to combine work and study in the context of life-long-learning. A course programme of two years will be followed by a tailor-made internship and master's thesis in the third and fourth year.

During the courses, you will closely collaborate with lecturers, tutors and fellow distance learning students on a virtual learning platform. Depending on the time you invest, you can finish in 3-4 years.

## Your future career

Graduates with a research focus are employed at universities, research institutes and plant breeding or agribusiness companies. Other job opportunities are in management, policy, consultancy and communication in agribusiness and (non-) governmental organizations.

### THE UNIVERSITY IN NUMBERS



6,936

Master's students



108

Nationalities



66%

Dutch



34%

International



43%

Male



57%

Female

## More information

Visit [wur.eu/omps](http://wur.eu/omps)  
or mail to [mps.msc@wur.nl](mailto:mps.msc@wur.nl)

