

Master's programme Biotechnology

From food to medicines; biotechnologists are at the heart of decisive solutions. The master's Biotechnology focuses on the industrial exploitation of living organisms or components derived from these organisms. You will learn about processes such as brewing and fermentation, gene modification, gene editing and more.

This is a multidisciplinary programme that combines disciplines as cellular biology, microbiology, biochemistry, process engineering and gene technology among others.



What makes this master's unique?

- **Multidisciplinary approach embracing gene technology and editing, microbiology, biochemistry and process engineering**
- **You learn to design processes for the production of drugs, vaccines, food or biobased materials**
- **Opportunities to specialise in the field of food, medical or environmental biotechnology as well as in cellular and molecular biotechnology or process engineering**



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

February & September



NUMBER OF STUDENTS

140 students/year



LANGUAGE

English



STUDY LOAD

22 contact hours,
20 self-study hours/week



APPLICATION DEADLINE

FEBRUARY
non-EU/non-EFTA students:
15 September
Dutch/EU/EFTA students:
15 November



ADMISSION REQUIREMENTS

www.wur.eu/apply

SEPTEMBER
non-EU/non-EFTA students:
15 April
Dutch/EU/EFTA students:
15 June

Specialisations

Biotechnology is a broad, multidisciplinary area of science. This is why students specialise and learn how to solve complex biotechnological problems in a multidisciplinary team.

Our specialisations:

- Cellular and Molecular Biotechnology
- Food Biotechnology
- Medical Biotechnology
- Process Technology
- Environmental and Biobased Technology



“My motivation for becoming a PhD student was the possibility to search for explanations, travel, personal development and freedom.”

Alumnus Pieter, team leader
Unilever Research & Development



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 design course
 - Specialisation courses to become an expert in one field and courses to prepare for a thesis
 - Electives that fit your interest

- 2nd** YEAR
- Major thesis (36 credits)
 - Research practise or internship (24 credits)

Your future career

The first job after graduation is often at a research institute or university. More than 50% of the graduates will continue with their PhD. Around 30% of the alumni work in the biotechnological industry and work at companies like DSM, MSD Animal Health and Janssen.

THE UNIVERSITY IN NUMBERS



6,936
Master's students



108
Nationalities



66%
Dutch



34%
International



43%
Male



57%
Female

More information

Visit wur.eu/mbt
or mail to mbt.msc@wur.nl

