

Master's programme

Molecular Life Sciences

By combining chemistry, physics, and biology, groundbreaking fundamental research is performed in the life sciences. With this mindset, the programme Molecular Life Sciences focuses on processes from the atomic up to the cellular scale.

Our students work on a large range of topics, for example the tracking of Cas proteins to quantify the functioning of CRISPR-Cas in vivo, production of self-healing materials by smart design of polymers, and development of cell specific delivery mechanisms inspired by virus-like particles. The possibilities of this master's programme are endless, so which fields are you going to explore?



What makes this master's unique?

- **Cutting-edge research in topics ranging from bio-nanotechnology to the role of SOSEKI proteins in the cell polarity of plants**
- **Research is an important part of the programme**
- **Building bridges between biology, chemistry and physics**



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
35 students/year



LANGUAGE
English



STUDY LOAD
42 hours/week



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



ADMISSION REQUIREMENTS
www.wur.eu/apply

Specialisations

You will start with an introduction to the field of molecular life sciences. Later you will choose one of the four specialisations. Contrary to many other universities, you can choose your specialisation during your studies instead of at application. This way you have plenty of time to sort out what fits you best.

- Biological Chemistry
- Physical Biology
- Physical Chemistry
- Biomedical Research

“I have been able to gain a lot of experience in the laboratory in the MSc Molecular Life Sciences, which has prepared me greatly for scientific research!”
Alumna Hanna de Jong



Related programmes

MSc Biotechnology - MSc Biobased Sciences - MSc Bioinformatics -
MSc Plant Biotechnology - 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 (24 credits)

Your future career

The combination of chemistry, physics and biology helps graduates to find a job. About 70% of the graduates start their career by doing a PhD on subjects such as microbiology, physical chemistry, cell biology, organic chemistry, or biotechnology. Other jobs could be a researcher in the industry, consultant, entrepreneur or teacher.

THE UNIVERSITY IN NUMBERS



6,936
Master's students



108
Nationalities



66%
Dutch



34%
International



43%
Male



57%
Female

More information

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

