Master Biology
at Wageningen University

Learn about current biological advances and data science

Specialise in:
- Cell Biology and Molecular Interactions
- Development and Adaptation
- Health and Disease
- Ecology

Follow your own interests, inside or outside of biology

Develop you academic skills. Work as a consultant or write a PhD proposal

Year 1
Common courses 12 ECTS
Specialisation courses 12 ECTS
Electives 24 ECTS

Year 2
Thesis 36 ECTS
Internship 24 ECTS

Conduct a research project at Wageningen University
Gain work experience outside of WUR, in the Netherlands or abroad

What kind of jobs can you do after the master Biology?
Read the stories of alumni here!
In this specialisation you will study processes at a molecular and cellular level. You will work with state of the art research techniques in order to understand complex biological processes and phenomena such as evolution, aging, symbiosis, physiology and immunology.

Choose at least one literature & scientific analysis course:
- Control of Cell Processes & Differentiation
- Comparative Biology and Systematics
- Advanced Cellular Imaging Techniques

Choose at least one research skills course:
- Immunotechnology
- Genetic Analysis Trends and Concepts
- Molecular Aspects of Bio-interactions
- Genomics

Thesis and internship chair groups:
- Animal Breeding and Genomics
- Biochemistry
- Biosystematics
- Cell Biology
- Entomology
- Genetics
- Human and Animal Physiology
- Marine Animal Ecology
- Microbiology
- Molecular Biology
- Nematology
- Phytopathology
- Plant Physiology
- Systems and Synthetic Biology

The specialisation Health and Disease focuses on the prevention of health problems and the functioning of healthy animals. Therefore, you will learn about molecular, immunological, virological, physiological and disease ecological approaches.

Choose at least one literature & scientific analysis course:
- Molecular Regulation of Health & Disease
- Human and Veterinary Immunology
- Human Microbiome
- Fundamental and Applied Virology
- Intestine Microbiota Interactions

Choose at least one research skills course:
- Host-Parasite Interactions
- Immunotechnology
- Brain, Hormones and Metabolism
- Disease Ecology

Thesis and internship chair groups:
- Aquaculture and Fisheries
- Cell Biology and Immunology
- Environmental Systems Analysis
- Human and Animal Physiology
- Host-Microbe Interactions
- Nutritional Metabolism and Genomics
- Microbiology
- Nematology
- Wildlife Ecology and Conservation
- Systems and Synthetic Biology
- Toxicology
- Virology

The programme may change; no rights can be derived from this overview.