

MASTER IN BIOLOGY

MAJORS: GENERAL BIOLOGY • BIODIVERSITY AND EVOLUTIONARY BIOLOGY • GLOBAL CHANGE ECOLOGY • FUNCTIONAL BIOLOGY
MINORS: RESEARCH • EDUCATION • ECONOMICS AND BUSINESS ADMINISTRATION

120 ECTS CREDITS – LANGUAGE: ENGLISH – DEGREE: MASTER OF SCIENCE

An equivalent programme taught in Dutch is available.

COURSE CONTENT

The Master in Biology has a far-reaching influence on numerous areas within science and society. The research domain of biology itself is very broad, and covers the complete spectrum of the diversity of the formation of life and the different organisation levels of life, ranging from a cell to the eco-system and biosphere level.

Actual topics and challenges such as protection of endangered species, global change, sustainability, cloning of organisms, dangerous diseases and medical progress have their roots in biology.

Biology also contributes to numerous conceptual innovations that lead towards new disciplines such as the molecular biology and biotechnology.

Biology forms an exciting study domain that is constantly in evolution thanks to close interaction with a broad range of scientific disciplines such as chemistry, geology, geography and physics.

COURSE STRUCTURE

The two-year master's programme (120 credits) consists of the following parts:

- 18 credits for general courses;
- 42 credits for major courses;
- 30 credits for minor (elective) courses;
- 30 credits for the master's dissertation.

The general courses prepare students for the right choice of their major courses and their master's dissertation.

In the first year of the master's programme students select one major from a total of four:

- General Biology
- Biodiversity and Evolutionary Biology
- Global Change Ecology
- Functional biology

This major allows them to improve their profound knowledge of the areas of research expertise of Ghent University.

Students can also choose from three minor course packages. It consists of 30 credits of broadening elective courses.

Possible combinations between minors and majors are:

- Minor Education - Major General Biology
- Minor Economics and Business Administration - Major General Biology
- Minor Research - Major Biodiversity and Evolutionary Biology
- Minor Research - Major Global Change Ecology
- Minor Research - Major Functional Biology.

The master's dissertation is situated within the research area of major course package you have chosen. Most master's dissertations fit the current national or international (research) projects. However, the master's dissertation can also exploit the results of specific projects or it can even have a prospective character regarding future projects.

CAREER PERSPECTIVES

Graduates of the Master in Biology can work on scientific research in universities or scientific research institutions, at secondary or higher education level, in counseling or managerial functions with the government and in companies where research and development is the core business.

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TOELATINGSVOORWAARDEN VOOR HOUDERS VAN EEN VLAAMS DIPLOMA

Rechtstreeks:

- Ba biologie

Via voorbereidingsprogramma: (80 studiepunten)

- Ba geografie
- Ba geografie en geomatica
- Ba fysica
- Ba fysica en sterrenkunde
- Ba informatica
- Ba wiskunde

Via voorbereidingsprogramma: (72 studiepunten)

- Ba chemie
- Ba geologie
- Ba industriële wetenschappen: chemie

Via voorbereidingsprogramma: (max 55 studiepunten)

- Ba biochemie en biotechnologie
- Ba bio-ingenieurswetenschappen
- Ba biomedische wetenschappen
- Ba diergeneeskunde
- Ba geneeskunde
- Ba farmaceutische wetenschappen

Onderstaande diploma's komen in aanmerking voor het aanvragen van vrijstellingen binnen de opleiding Bachelor in de biologie, die rechtstreeks toegang verleent tot de masteropleiding. Neem hiervoor contact op met de trajectbegeleider.

Via verkorte bachelor (na aanvraag):

- (professionele) Ba chemie
opleiding(en) oude structuur:
 - gegradueerde chemie

TAAL

Je voldoet aan de taalvoorwaarden op basis van je Vlaams diploma.

ADMISSION REQUIREMENTS FOR INTERNATIONAL DEGREE STUDENTS

The course is open to students with at least a bachelor degree in the field of biology with minimum 180 credits.

LANGUAGE

More information regarding the required knowledge of English:
www.ugent.be/specificlanguag

PRAKTISCHE INFORMATIE

Studieprogramma:

<https://studiegids.ugent.be>

> faculteiten > opleidingstypes > ga naar de opleiding van je keuze

Infomomenten

Masterbeurs

www.ugent.be/masterbeurs

PRACTICAL INFORMATION

Study programme

www.ugent.be/coursecatalogue

> by Faculty > Programme types > select your programme

Application deadline for international degree students

- for students who need a visa: 1st of March
 - for students who do not need a visa: 1st of June
- www.ugent.be/deadline

Enrolling institution

Ghent University

Tuition fee

More information is to be found on:

www.ugent.be/tuitionfee

Trajectbegeleiding

Beata De Vliegheer

T 09 264 50 53 - beata.devliegheer@ugent.be

Meer info

Afdeling Studieadvies – Campus Ufo, Ufo,
Sint-Pietersnieuwstraat 33, 9000 Gent, T 09 331 00 31
studieadvies@ugent.be – www.ugent.be/studieadvies

Contact

Ghent University – Faculty of Sciences

Student Administration Office

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