

At Louvain-la-Neuve - 60 credits - 1 year - Day schedule - In FrenchDissertation/Graduation Project : **YES** - Internship : **NO**Activities in English: **YES** - Activities in other languages : **NO**Activities on other sites : **NO**Main study domain : **Sciences**Organized by: **Faculty of Science (SC)**Programme acronym: **BIOL2M1** - Francophone Certification Framework: 7**Table of contents**

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BIOL2M1 - Introduction

Introduction

Introduction

This master's degree aims to train "generalist" biologists capable of understanding the scientific foundations of the functioning of living organisms.

Your future job

Biologists apply their knowledge and know-how, which are very versatile, in very different sectors: in scientific, fundamental or applied research in research institutes or private laboratories, in expertise and resource management in the private or public sector, in education, training and communication.

Your programme

The knowledge to be acquired is at two levels of complexity of living organisms: "biochemistry, molecular and cellular biology" on the one hand, and "biology of organisms and ecology" on the other hand, identified by two options. The programme consists mainly of activities borrowed from the first year of the Masters (120 credits) of the same name.

You can take this program entirely in English if you take the option "biochemistry, molecular and cellular biology".

BIOL2M1 - Teaching profile

Learning outcomes

The Master in Biology (60 credits) is designed to train 'generalist' biologists who can grasp the scientific foundations of how living organisms work. The knowledge they will acquire involves two different levels in the complexity of living organisms which also relate to two option courses: first, biochemistry, molecular and cellular biology, then biology of organisms and ecology. The programme is mostly made up of activities borrowed from the first year of the Master (120 credits) of the same names.

On successful completion of this programme, each student is able to :

1. Mettre en Œuvre une approche intégrative des processus fondamentaux régissant le vivant depuis la structure des cellules vivantes et de leurs composants moléculaires jusqu'à leur fonctionnement au sein d'un individu ou au fonctionnement et à l'évolution des populations et des écosystèmes, en fonction de l'option choisie.

1.1

Témoigner d'une maîtrise des savoirs dans les domaines développés dans l'option choisie, à savoir

- en biochimie, biologie moléculaire et cellulaire,
- en biologie des organismes et écologie.

1.2

Décrire, expliquer, synthétiser et discuter

- la structure et le fonctionnement des cellules vivantes et de leurs composants moléculaires ou
- la diversité et l'évolution biologique, l'écologie des populations, des communautés et écosystèmes, l'autécologie, l'écophysiologie et l'écotoxicologie.

2. Répondre, de manière innovante, à une question inédite de biologie en utilisant des sources d'information appropriées

2.1 intégrer et articuler des concepts théoriques pour comprendre des problématiques variées.

2.2 utiliser et appliquer ces concepts afin d'analyser la valeur scientifique des sources pour donner un avis critique et raisonné.

3. Mettre en Œuvre de manière autonome une démarche scientifique pour répondre à une question inédite dans un domaine, et/ou à l'interface de plusieurs domaines de la biologie

3.1 Formuler une question scientifique, émettre des hypothèses, programmer et réaliser les expérimentations appropriées, analyser et interpréter les résultats, afin d'objectiver et de conclure.

3.2 Mobiliser un savoir-faire technique afin de réaliser des expérimentations avec toute la rigueur scientifique.

4. Communiquer des connaissances scientifiques de base ou spécialisées en français et en anglais

4.1 Maîtriser et utiliser les techniques de présentation formelle (poster, diaporama...).

4.2

Structurer, rédiger et exposer des idées et concepts scientifiques à des spécialistes comme à des non-spécialistes.

4.3 Argumenter et justifier des hypothèses et des données afin de les défendre devant un public de professionnels scientifiques.

5.4 Préparer une présentation écrite ou orale en collaboration, en combinant les informations apportées par les membres de l'équipe.

5. S'instruire et agir de manière autonome dans une perspective collaborative

5.1 Participer activement à une réunion d'équipe en partageant ses idées, ses expériences et ses connaissances.

5.2

Ecouter les autres, échanger et arriver à un consensus.

5.3

Réaliser, en équipe, des recherches ou d'autres types de projets, en répartissant les tâches et les responsabilités.

6. Agir en scientifique conscient de lui-même et du monde et en universitaire responsable

6.1 Mettre en perspective de manière critique l'impact des sciences et des techniques sur l'évolution des sociétés.

6.2

Evaluer les enjeux éthiques et sociétaux des nouvelles technologies et des pratiques expérimentales en biologie.

6.3 Reconnaître la fraude scientifique et le plagiat comme des comportements inacceptables en sciences.

Programme structure

The program consists in 20 credits of core courses, an option of 22 or 24 credits and selected courses to complete the program.

BIOL2M1 Programme

Detailed programme by subject

CORE COURSES [20.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2026-2027
- ⊙ Not offered in 2026-2027 but offered the following year
- ⊕ Offered in 2026-2027 but not the following year
- △ ⊕ Not offered in 2026-2027 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫🌐 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

o Travail de fin d'études (18 credits)

● LBIOL2990	Mémoire		[FR] [q1+q2] [] [18 Credits] 🌐
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o Philosophie, éthique (2 credits)

2 crédits à choisir parmi

⊗ LSC2001	Introduction to contemporary philosophy	Peter Verdée	[FR] [q2] [30h] [2 Credits] 🌐
⊗ LSC2220	Philosophy of science	Alexandre Guay	[EN] [q2] [30h] [2 Credits] 🌐
⊗ LFILO2003E	Ethics in the Sciences and technics (sem)	Alexandre Guay René Rezsöhazi	[FR] [q2] [15h+15h] [2 Credits] 🌐
⊗ LTHEO2840	Science and Christian faith	Paulo Jorge Dos Santos Rodrigues	[FR] [q1] [15h] [2 Credits] 🌐
⊗ ESSPS2101	Science, ethics and development		[FR] [q1] [18h+6h] [3 Credits] 🌐

⊗ Optional courses

These credits are not counted within the 60 required credits.

⊗ LSST1001	IngénieuxSud	Stéphanie Merle Jean-Pierre Raskin	[FR] [q1+q2] [30h+22.5h] [5 Credits] 🌐
⊗ LSST1002M	Information and critical thinking - MOOC		[FR] [q1] [30h+15h] [3 Credits] 🌐

OPTIONS

The option in Biochemistry, Molecular and Cellular Biology is fully taught in English.

The option in Biology of Organisms and Ecology is mainly taught in French.

The student chooses an option and completes their program with elective courses.

- > [Option in Biochemistry, Molecular and Cellular Biology](#) [en-prog-2026-biol2m1-lbiol210o]
- > [Option in biology of organisms and ecology](#) [en-prog-2026-biol2m1-lbiol211o]
- > [Cours au choix](#) [en-prog-2026-biol2m1-lbiol212o]

OPTION IN BIOCHEMISTRY, MOLECULAR AND CELLULAR BIOLOGY [24.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2026-2027
- ⊖ Not offered in 2026-2027 but offered the following year
- ⊕ Offered in 2026-2027 but not the following year
- △ ⊕ Not offered in 2026-2027 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Content:

o Cours obligatoires (11 credits)

● LBBMC2101	Structural and functional biochemistry	Pierre Morsomme Patrice Soumillion	EN [q1] [36h+6h] [4 Credits] 🌐
● LBBMC2102	Integrated molecular and cellular biology	Henri Batoko Bernard Hallet Pierre Morsomme Melissa Page	EN [q1] [30h] [3 Credits] 🌐
● LBRMC2201	Bioinformatics : DNA and protein sequence analysis	Benoît Stenuit (coord.)	EN [q1] [30h+15h] [4 Credits] 🌐 > French-friendly

o Techniques de biochimie et de biologie moléculaire

L'étudiant-e choisit une UE parmi :

Minimum 3 credit(s)

⊗ LBIRC2101	Biochemical analysis	François Chaumont Pierre Morsomme (coord.)	FR [q1] [22.5h+30h] [4 Credits] 🌐 > English-friendly
⊗ LBRMC2101	Genetic engineering	François Chaumont (coord.) Charles Hachez	FR [q1] [37.5h+15h] [5 Credits] 🌐 > English-friendly
⊗ LBRMC2202	Cell culture technology	David Alsteens Charles Hachez (coord.) Pascal Hols	EN [q1] [30h] [3 Credits] 🌐 > French-friendly

o UE au choix (10 credits)

L'étudiant-e choisit 2 UE parmi :

⊗ LBBMC2104	Animal physiological biochemistry	Pierre Morsomme Melissa Page	EN [q2] [36h+18h] [5 Credits] 🌐
⊗ LBBMC2105	Protein engineering and directed evolution	Pierre Morsomme Patrice Soumillion	EN [q2] [36h+18h] [5 Credits] 🌐
⊗ LBBMC2106	Molecular genetics and microbial genomics	Lislot Dewachter Bernard Hallet Pascal Hols	EN [q2] [36h+18h] [5 Credits] 🌐

⌘ LBBMC2107	Microbial cellular physiology	Corentin Claeys Bouaert Stephan Declerck Benoît Desguin Pascal Hois Géraldine Laloux Pierre Morsomme	EN [q2] [36h+18h] [5 Credits] 🌐
⌘ LBBMC2108	Molecular genetics and plant genomics	Henri Batoko François Chaumont Xavier Draye	EN [q2] [36h+18h] [5 Credits] 🌐
⌘ LBBMC2109	Plant cell physiology	Henri Batoko François Chaumont Charles Hachez	EN [q2] [36h+18h] [5 Credits] 🌐
⌘ LBBMC2110	Animal and human molecular genetics and genomics	Françoise Gofflot Nisha Limaye René Rezzohazy	EN [q2] [36h+18h] [5 Credits] 🌐
⌘ LBBMC2111	Animal and human cellular physiology	Frédéric Clotman Patrick Dumont	EN [q2] [36h+18h] [5 Credits] 🌐

OPTION IN BIOLOGY OF ORGANISMS AND ECOLOGY [22.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2026-2027
- ⊖ Not offered in 2026-2027 but offered the following year
- ⊕ Offered in 2026-2027 but not the following year
- △ ⊕ Not offered in 2026-2027 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

o Content:**o Cours obligatoires (14 credits)**

○ LBOE2114	Integrated ecology field course	Ruben Evens Nicolas Schtickzelle	FR [q1] [67.5h+90h] [4 Credits] 🌐
○ LBOE2111	Advanced and applied evolutionary biology	Simon Baeckens	EN [q1] [35h+30h] [5 Credits] 🌐
○ LBOE2112	Data analysis and modeling of biological systems	Nicolas Schtickzelle	EN [q1] [30h+45h] [5 Credits] 🌐

o Modules au choix (8 credits)

L'étudiant-e choisit 1 module parmi :

o Module 1 (Q1, S6 to S9) (8 credits)**⊗ Conservation et restauration de la biodiversité (8 credits)**

○ LBOE2120	Conservation de la biodiversité	Nicolas Schtickzelle	FR [q1] [45h+15h] [4 Credits] 🌐
○ LBOE2141	Restoration ecology	Ruben Evens	FR [q1] [15h+15h] [2 Credits] 🌐
○ ESBOE2237	Bioindicators (UNamur)		FR [q1] [16h+12h] [2 Credits] 🌐

⊗ Modelling in ecology and evolution (8 credits)

○ ESBOE2142	Ecosystem stability (UNamur)		EN [q1] [16h+12h] [2 Credits] 🌐
○ ESBOE2162	Biodiversity and ecosystem functioning (UNamur)		EN [q1] [16h+12h] [2 Credits] 🌐
○ LBOE2292	Individual-based modelling in ecology	Renate Wesselingh	EN [q1] [15h+45h] [4 Credits] 🌐

o Module 2 (Q1, S10 à S13) (8 credits)**⊗ Stress ecology and ecotoxicology (8 credits)**

○ ESBOE2170	Advances in applied and basic ecotoxicology (UNamur)		EN [q1] [40h+24h] [5 Credits] 🌐
○ LBOE2168	Interactions between plants and environment	Stanley Lutts Muriel Quinet	FR [q1] [30h+15h] [3 Credits] 🌐

⊗ Spatial and thermal ecology (8 credits)

○ LBOE2140	Landscape ecology	Hans Van Dyck	EN [q1] [30h+30h] [4 Credits] 🌐
○ LBOE2150	Movement ecology	Ruben Evens	EN [q1] [22.5h+7.5h] [2 Credits] 🌐
○ LBOE2151	Thermal ecology	Hans Van Dyck	EN [q1] [22.5h] [2 Credits] 🌐

o Module 3 (Q2, S1 to S4) (8 credits)**⊗ Behavioural ecology (8 credits)**


○ LBOE2161	Behavioral ecology and sociobiology	Hans Van Dyck	FR [q2] [30h+15h] [4 Credits] 🌐
○ ESBOE2113	Behavioural responses to a changing world (UNamur)		EN [q2] [30h+16h] [4 Credits] 🌐

⊗ Molecular ecology and biodiversity genomics (8 credits)

○ ESBOE2114	Molecular ecology and biodiversity genomics (UNamur)		EN [q2] [30h+22.5h] [4 Credits] 🌐
○ ESBOE2115	Environmental epigenetics (UNamur)		EN [q2] [15h+15h] [2 Credits] 🌐

ESBOE2116

Applied bioinformatics for molecular ecology (UNamur)

EX [q2] [30h] [2 Credits] 

COURS AU CHOIX

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- △ ⊕ Not offered in 2026-2027 or the following year
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Click on the course title to see detailed informations (objectives, methods, evaluation...)

o Content:

⊗ Autres cours au choix

L'étudiant-e peut compléter son programme avec des UE choisies dans la liste des cours du master 120 BOE et du master 120 BBMC à l'exception de LBOE2197, LBOE2297, LBOE2240, LBOE2241, LBBMC2103, LBBMC2203, LBBMC2205, LBBMC2215, LBBMC2206, LBBMC2997, LBBMC2998 et LBBMC2201

⊗ Activités de mise à niveau

l'étudiant-e peut choisir, en accord avec le conseiller aux études, jusqu'à 6 crédits d'activités de mise à niveau parmi les cours du bachelier et de l'approfondissement en biologie.

Supplementary classes

To access this Master, students must have a good command of certain subjects. If this is not the case, in the first annual block of their Masters programme, students must take supplementary classes chosen by the faculty to satisfy course prerequisites.

- Mandatory
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- Activity with requisites
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- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

o Enseignements supplémentaires

⊗ LANG1863	Interactive English for students in Biology	Catherine Avery (coord.) Katherine Opello Nevin Serbest Florence Simon	EN [q1+q2] [30h] [2 Credits] 🌐 > French-friendly
⊗ LBIO1217	Ecology II		EN [q2] [30h+10h] [3 Credits] 🌐 > French-friendly
⊗ LBIO1223A	Molecular biology		FR [q2] [50h] [4 Credits] 🌐
⊗ LBIO1230	Invertebrate biology	Jean-François Rees	FR [q1] [10h+40h] [4 Credits] 🌐
⊗ LBIO1235T	General cell physiology - vegetal part		FR [q1] [] [1 Credits] 🌐
⊗ LBIO1236	Integrated animal biology : coordination, perception and locomotion	Frédéric Clotman Patrick Dumont Françoise Gofflot	FR [q2] [40h+10h] [4 Credits] 🌐

⌘ LBIO1240	Plant physiology	Xavier Draye Stanley Lutts	FR [q1] [40h+15h] [4 Credits] 🌐
⌘ LBIO1242	Angiosperm's development, reproduction and systematic	Muriel Quinet	FR [q2] [30h+15h] [3 Credits] 🌐
⌘ LBIO1281	Integrated work in biology	Ruben Evens Charles Hachez Jean-François Rees François Renoz	FR [q2] [20h+35h] [3 Credits] 🌐
⌘ LBIO1282	Management and exploration of biological data	Renate Wesselingh	FR [q1] [20h+15h] [3 Credits] 🌐
⌘ LBIO1283	Statistical principles and biological data analysis	Nicolas Schtickzelle	FR [q2] [30h+40h] [4 Credits] 🌐
⌘ LBIO1310	Biological evolution	Simon Baeckens François Renoz René Rezsöházy	FR [q2] [30h+10h] [3 Credits] 🌐
⌘ LBIO1317	Functional ecology	Simon Baeckens	EN [q1] [30h] [2 Credits] 🌐
⌘ LBIO1330	Integrated animal biology : reproduction and development	Patrick Dumont René Rezsöházy	FR [q1] [30h+10h] [3 Credits] 🌐
⌘ LBIO1333	Integrated animal biology: circulation, respiration, digestion and excretion	Patrick Dumont Françoise Gofflot René Rezsöházy	FR [q2] [30h+10h] [3 Credits] 🌐
⌘ LBIO1344	Plant diversity and physiological principles of plant interactions	Stanley Lutts	FR [q1] [30h+15h] [3 Credits] 🌐
⌘ LBIO1355	Speciation : origin of biodiversity	Simon Baeckens Renate Wesselingh	FR [q1] [20h+10h] [2 Credits] 🌐
⌘ LBIO1357	Integrated practical work in ecology and biogeography: biogeography of Belgium	Ruben Evens Renate Wesselingh	FR [q1+q2] [20h+30h] [4 Credits] 🌐
⌘ LCHM1271V	Elements of biochemistry		FR [q1] [20h] [2 Credits] 🌐
⌘ LGEO1332A	Biogeography - Lectures		FR [q2] [30h] [2 Credits] 🌐
⌘ LVETE1300	Integrated Seminars	Melissa Page (coord.) Muriel Quinet René Rezsöházy Renate Wesselingh	EN [q2] [10h+15h] [2 Credits] 🌐
⌘ LBIO1322	Integrated tutorials in biochemistry and molecular biology	Bernard Hallet Patrice Soumilion	FR [q2] [5h+45h] [4 Credits] 🌐
⌘ LBIO1332	Molecular Biology of Development	Françoise Gofflot René Rezsöházy	FR [q1] [30h+10h] [3 Credits] 🌐
⌘ LCHM1111B	General chemistry		FR [q1] [45h+45h] [8 Credits] 🌐
⌘ LCHM1253	Elements of crystallography	Yaroslav Filinchuk	FR [q1] [30h+10h] [4 Credits] 🌐
⌘ LCHM1254	Elements of molecular spectroscopy	Sophie Hermans	FR [q2] [30h+20h] [4 Credits] 🌐
⌘ LCHM1321A	Analytical chemistry		FR [q1] [30h] [3 Credits] 🌐
⌘ LCHM1351	Physical chemistry	Tom Leyssens	FR [q1] [45h+19h] [5 Credits] 🌐
⌘ LCHM1361	Introduction to polymer chemistry	Jean-François Gohy	FR [q2] [22.5h] [3 Credits] 🌐
⌘ LVETE1337	Immunology		FR [q1] [25h+10h] [3 Credits] 🌐

The programme's courses and learning outcomes

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the the skills expected of every graduate on completion of the programme. Course unit descriptions specify targeted learning outcomes, as well as the unit's contribution to reference framework of learning outcomes.

BIOL2M1 - Information

Access Requirements

Master course admission requirements are defined by the French Community of Belgium Decree of 7 November 2013 defining the higher education landscape and the academic organisation of courses.

General and specific admission requirements for this programme must be satisfied at the time of enrolling at the university.

Unless explicitly mentioned, the bachelor's, master's and licentiate degrees listed in this table or on this page are to be understood as those issued by an institution of the French, Flemish or German-speaking Community, or by the Royal Military Academy.

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.

SUMMARY

- > [General access requirements](#)
- > [Specific access requirements](#)
- > [University Bachelors](#)
- > [Non university Bachelors](#)
- > [Holders of a 2nd cycle University degree](#)
- > [Holders of a non-University 2nd cycle degree](#)
- > [Access based on validation of professional experience](#)
- > [Access based on application](#)
- > [Admission and Enrolment Procedures for general registration](#)

Specific access requirements

In addition to the access conditions described below, candidates will have to provide proof of a sufficient command of the French language (level B1 of the [CEFR, Common European Framework of Reference for Languages](#)).

Please note: One of the options in this Master's program is taught in English. Candidates considering this option should have a minimum B2 level of English proficiency, which can be verified by a test such as the IELTS or TOEFL.

University Bachelors

Diploma	Special Requirements	Access	Remarks
UCLouvain Bachelors			
Bachelor in Biology		Direct access	
Bachelor in Chemistry	Si l'étudiant a suivi la Titre inconnu:Iminbiol	Direct access	Even in the case of direct access, the Enrolment Office may submit the student's enrolment application to the faculty. The faculty will verify that any specific requirements have been met.
Bachelor in Bioengineering		Access with additional training	
Bachelor in Bioengineering	Si l'étudiant.e a suivi la filière BOE ou la filière BBMC durant le bachelier	Access based on application	
Others Bachelors of the French speaking Community of Belgium			
Bachelier en sciences biologiques		Direct access	
Bachelier en sciences de l'ingénieur - orientation bioingénieur		Access with additional training	
Bachelors of the Dutch speaking Community of Belgium			
Bachelor in de biochemie en de biotechnologie		Access based on application	
Bachelor in de biologie		Access based on application	
Foreign Bachelors			
Any Bachelor's degree in the field of life sciences		Access based on application	

Non university Bachelors

> Find out more about [links](#) to the university

Diploma	Access	Remarks
BA - technologue de laboratoire médical - crédits supplémentaires entre 45 et 60	Les enseignements supplémentaires éventuels peuvent être consultés dans le module complémentaire .	Type court
BA en agronomie, orientation agro-industries et biotechnologies - crédits supplémentaires entre 45 et 60		
BA en agronomie, orientation agronomie des régions chaudes - crédits supplémentaires entre 45 et 60		
BA en agronomie, orientation environnement - crédits supplémentaires entre 45 et 60		
BA en agronomie, orientation forêt et nature - crédits supplémentaires entre 45 et 60		
BA en agronomie, orientation systèmes alimentaires durables et locaux - crédits supplémentaires entre 45 et 60		
BA en agronomie, orientation techniques et gestion agricoles - crédits supplémentaires entre 45 et 60		
BA en agronomie, orientation techniques et gestion horticolas - crédits supplémentaires entre 45 et 60		
BA en agronomie, orientation technologie animale - crédits supplémentaires entre 45 et 60		
BA en chimie, orientation biochimie - crédits supplémentaires entre 45 et 60		
BA en chimie, orientation biotechnologie - crédits supplémentaires entre 45 et 60		
BA en chimie, orientation chimie appliquée - crédits supplémentaires entre 45 et 60		
BA en chimie, orientation environnement - crédits supplémentaires entre 45 et 60		

Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
"Licenciés"		-	
Masters		-	

Holders of a non-University 2nd cycle degree

Access based on validation of professional experience

It is possible, under certain conditions, to use one's personal and professional experience to enter a university course without having the required qualifications. However, validation of prior experience does not automatically apply to all courses. Find out more about [Validation of priori experience](#).

Access based on application

Access based on application : access may be granted either directly or on the condition of completing additional courses of a maximum of 60 ECTS credits, or refused.

The first step in the procedure is to submit a file online (see <https://uclouvain.be/en/study/inscriptions/futurs-etudiants.html>).

Students who wish to be admitted on the basis of a dossier are invited to consult the [criteria for the evaluation of application](#).

Admission and Enrolment Procedures for general registration

Teaching method

The teaching strategy takes its inspiration from the idea of "taking responsibility for one's own learning". In the core subjects, students have a choice between a series of activities in human sciences and may choose between many elective subjects. Learning is for the most part centred on individual work (e.g. reading, consultation of databases and bibliographic references, field and laboratory work).

Evaluation

The evaluation methods comply with the [Academic regulations and procedures](#). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".

Students will mainly be assessed on the basis of individual work (e.g. reading, consultation of databases and bibliographic references, writing monographs and reports, presentation of seminars, dissertation and field work). As far as possible, there will be continuous assessment, including regular 'open book examinations'. Some activities will not be given a precise mark but will be officially certified.

Possible trainings at the end of the programme

Holders of the Master [60] in Biology with the option in biochemistry, molecular and cellular biology may go on to the [Master \[120\] in Biochemistry and Molecular and Cell Biology](#) (120 credits) with a further year of study and a more advanced master thesis.

Holders of the Master [60] in Biology with the option in biology of organisms and ecology may go on to the degree of [Master \[120\] in Biology of Organisms and Ecology](#) (120 credits) with a further year of study and a more advanced master thesis.

Contacts

Curriculum Management

Entity

Structure entity

Denomination

Faculty

Sector

Acronym

Postal address

SST/SC/BIOL

(BIOL)

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Other academic Supervisor(s)

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Useful Contact(s)

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