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## MINBIOL - Introduction

### Introduction

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## MINBIOL - Teaching profile

### Learning outcomes

The programme is designed to provide skills which will help bachelors in chemistry to join the programmes for Masters in biochemistry and molecular and cellular biology.

### Programme

#### DETAILED PROGRAMME BY SUBJECT

- 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...)

30 crédits

Year

2 3

#### o Content:

##### o Cours de 2e année (15 crédits)

● LBIO1223	Molecular biology	Corentin Claeys Bouuaert Bernard Hallet	FR [q2] [50h+20h] [5 Credits] 🌐	X	
● LBIO1234A	Animal histology		FR [q1] [20h+10h] [2 Credits] 🌐	X	
● LBIO1235	General cell physiology	Stanley Lutts Jean-François Rees	FR [q1] [15h+15h] [2 Credits] 🌐	X	
● LVETE1337	Immunology		FR [q1] [25h+10h] [4 Credits] 🌐	X	
● LBIO1282	Management and exploration of biological data	Renate Wesselingh	FR [q1] [20h+15h] [2 Credits] 🌐	X	

##### o Cours de 3e année (15 crédits)

● LBIO1283	Statistical principles and biological data analysis	Nicolas Schtickzelle	FR [q2] [30h+40h] [4 Credits] 🌐		X
● LBIO1311	Microbiology and virology	Benoît Desguin Thomas Michiels	FR [q1] [40h+15h] [4 Credits] 🌐		X
● LBIO1322	Integrated tutorials in biochemistry and molecular biology	Bernard Hallet Patrice Soumillion	FR [q2] [5h+45h] [4 Credits] 🌐		X

##### o Cours au choix (3 crédits)

L'étudiant choisit au moins 3 crédits parmi la liste ci-dessous ou dans le programme des cours de bachelier de l'université en accord avec le conseiller aux études de l'école de chimie

✘ LBIO1117	Ecology I	Renate Wesselingh	FR [q2] [30h+10h] [4 Credits] 🌐		X
✘ LBIO1121	Genetics	Charles Hachez	FR [q2] [20h+15h] [2 Credits] 🌐		X
✘ LBIO1213	Morphology and physiology of fungi	Stephan Declerck	FR [q1] [15h+10h] [2 Credits] 🌐		X
✘ LBIO1236	Integrated animal biology : coordination, perception and locomotion	Frédéric Clotman Patrick Dumont Françoise Gofflot	FR [q2] [40h+10h] [4 Credits] 🌐		X

Year

2 3

⌘ LBIO1240	Plant physiology	Xavier Draye Stanley Lutts	EN [q1] [40h+15h] [4 Credits] 🌐		X
⌘ LBIO1242	Angiosperm's development, reproduction and systematic	Muriel Quinet	EN [q2] [30h+15h] [3 Credits] 🌐		X
⌘ LBIO1281	Integrated work in biology	Ruben Evens Charles Hachez Jean-François Rees François Renoz	EN [q2] [20h+35h] [3 Credits] 🌐		X
⌘ LBIO1323	Molecular signaling	Henri Batoko Patrick Dumont Géraldine Laloux	EN [q1] [30h+10h] [3 Credits] 🌐		X
⌘ LBIO1330	Integrated animal biology : reproduction and development	Patrick Dumont René Rezsóhazy	EN [q1] [30h+10h] [3 Credits] 🌐		X
⌘ LBIO1332	Molecular Biology of Development	Françoise Gofflot René Rezsóhazy	EN [q1] [30h+10h] [3 Credits] 🌐		X
⌘ LBIO1333	Integrated animal biology: circulation, respiration, digestion and excretion	Patrick Dumont Françoise Gofflot René Rezsóhazy	EN [q2] [30h+10h] [3 Credits] 🌐		X
⌘ LCHM1300	Additional practical work in chemistry	Yaroslav Filinchuk	EN [q2] [0h+45h] [3 Credits] 🌐		X
⌘ LCHM1311	Environmental chemistry	Alexandru Vlad	EN [q2] [30h] [4 Credits] 🌐		X

## THE PROGRAMME'S COURSES AND LEARNING OUTCOMES

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies 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.

## MINBIOL - Information

### Bachelors offering this minor

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> [Bachelor in Chemistry](#) [ en-prog-2026-chim1ba ]

### Evaluation

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**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".**

### Contacts

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#### Curriculum Management

Entity

Structure entity

Denomination

Faculty

Sector

Acronym

Postal address

SST/SC/BIOL

[\(BIOL\)](#)

Faculty of Science [\(SC\)](#)

Sciences and Technology [\(SST\)](#)

BIOL

Croix du sud 4-5 - bte L7.07.05

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<https://uclouvain.be/fr/facultes/sc/biol>

Website

Academic supervisor: [Muriel Quinet](#)

Useful Contact(s)

- Study advisor for biology: [Maryse Hermant](#)
- Administrative manager for the annual program of the student registered in the Faculty of sciences: [Nathalie Micha](#)

