

 *The version you're consulting is not definitive. This programme still may change. The final version will be published on 1th June.*

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MINBIOL - Introduction

Introduction

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 2025-2026
- ⊙ Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 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 [M]	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	
● LBIO1237	Immunology : basis and applications in biology		FR [q1] [25h+15h] [4 Credits] 🌐	X	
● LBIO1282	Management and exploration of biological data [M]		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 [C]		FR [q2] [20h+15h] [2 Credits] 🌐 > English-friendly		X
✘ LBIO1213	Morphology and physiology of fungi [M]	Stephan Declerck	FR [q2] [15h+10h] [2 Credits] 🌐		X
✘ LBIO1236	Integrated animal biology : coordination, perception and locomotion		FR [q2] [40h+10h] [4 Credits] 🌐		X
✘ LBIO1240	Plant physiology		FR [q1] [40h+15h] [4 Credits] 🌐		X

Year

2 3

⌘ LBIO1242	Angiosperm's development, reproduction and systematic	Stanley Lutts Muriel Quinet	EN [q2] [30h+15h] [3 Credits] 🌐		x
⌘ LBIO1281	Integrated work in biology [M]		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 Rezsöházy	EN [q1] [30h+10h] [3 Credits] 🌐		x
⌘ LBIO1332	Molecular Biology of Development	Françoise Gofflot René Rezsöházy	EN [q1] [30h+10h] [3 Credits] 🌐		x
⌘ LBIO1333	Integrated animal biology: circulation, respiration, digestion and excretion	Patrick Dumont Françoise Gofflot René Rezsöházy	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

Evaluation

The evaluation methods comply with the [regulations concerning studies and exams](#). 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

Curriculum Management

Entity

Structure entity	SST/SC/BIOL
Denomination	(BIOL)
Faculty	Faculty of Science (SC)
Sector	Sciences and Technology (SST)
Acronym	BIOL
Postal address	Croix du sud 4-5 - bte L7.07.05 1348 Louvain-la-Neuve Tel: +32 (0) 10 47 34 89 - Fax: +32 (0) 10 47 35 15 https://uclouvain.be/fr/facultes/sc/biol

Website

Academic supervisor: [Muriel Quinet](#)

Useful Contact(s)

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

