

## Table of contents

Introduction .....	2
Teaching profile .....	3
Learning outcomes .....	3
Programme .....	3
Detailed programme by subject .....	3
The programme's courses and learning outcomes .....	4
Information .....	5
Evaluation .....	5
Contacts .....	5

## 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 2022-2023
- ⊙ Not offered in 2022-2023 but offered the following year
- ⊕ Offered in 2022-2023 but not the following year
- △ ⊕ Not offered in 2022-2023 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

#### Content:

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

○ LBIO1223	Molecular biology	Corentin Claeys Bouuaert (compensates Bernard Hallet) Bernard Hallet	FR [q2] [50h+20h] [5 Credits] 🌐	X	
○ LBIO1234A	Animal histology	Anne-Catherine Gérard (compensates Bernard Knoops)	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	Jean-Paul Dehoux	FR [q1] [25h+15h] [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 Sebastian Worms (compensates Patrice Soumillon)	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
⊗ LBIO1213	Morphology and physiology of fungi	Stephan Declerck	FR [q1] [15h+10h] [2 Credits] 🌐		X

Year

2 3

⌘ LBIO1221	Genetics	Charles Hachez André Lejeune	EN [q2] [20h+15h] [2 Credits] 🌐		X
⌘ LBIO1236	Integrated animal biology : coordination, perception and locomotion	Frédéric Clotman (compensates) Bernard Knoops Patrick Dumont Patrick Dumont (compensates) Bernard Knoops Françoise Gofflot Bernard Knoops	EN [q2] [40h+10h] [4 Credits] 🌐		X
⌘ LBIO1240	Plant physiology	Xavier Draye Stanley Lutts	EN [q1] [40h+15h] [4 Credits] 🌐		X
⌘ LBIO1242	Angiosperm's development, reproduction and systematic	André Lejeune Stanley Lutts Muriel Quinet	EN [q2] [30h+15h] [3 Credits] 🌐		X
⌘ LBIO1281	Integrated work in biology	Corentin Claeys Bouuaert Benoît Desguin (compensates) René Rezsóhazy Françoise Gofflot André Lejeune (coord.) Jean-François Rees	EN [q2] [10h+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	Animal embryology and development genetics	Françoise Gofflot René Rezsóhazy	EN [q1] [30h+10h] [3 Credits] 🌐		X
⌘ LBIO1333	Integrated animal biology: circulation, respiration, digestion and excretion	Patrick Dumont Françoise Gofflot Françoise Gofflot (compensates) René Rezsóhazy	EN [q2] [30h+10h] [3 Credits] 🌐		X
⌘ LCHM1300	Additional practical work in chemistry	Benjamin Elias Yaroslav Filinchuk (coord.)	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 (<https://uclouvain.be/fr/decouvrir/rgee.html>). 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

---

Erreur de transformation xhtml vers fo pour 'contacts' erreur=Error reported by XML parser processing null: Scanner State 24 not Recognized

