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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 2021-2022
- ⊙ Not offered in 2021-2022 but offered the following year
- ⊕ Offered in 2021-2022 but not the following year
- △ ⊕ Not offered in 2021-2022 or the following year
- Activity with requisites
- [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 (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 Patrice Soumilion	[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
⊗ LBIO1221	Genetics	Charles Hachez André Lejeune	[FR] [q2] [20h+15h] [2 Credits]		X

Year

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⊗ LBIO1236	Integrated animal biology : coordination, perception and locomotion	Frédéric Clotman (compensates) Bernard Knoops Patrick Dumont Patrick Dumont (compensates) Bernard Knoops Françoise Gofflot Bernard Knoops	PR [q2] [40h+10h] [4 Credits]		x
⊗ LBIO1240	Plant physiology	Xavier Draye Stanley Lutts	PR [q1] [40h+15h] [4 Credits]		x
⊗ LBIO1242	Angiosperm's development, reproduction and systematic	André Lejeune André Lejeune (compensates) Stanley Lutts) Muriel Quinet Muriel Quinet (compensates) Stanley Lutts)	PR [q2] [30h+15h] [3 Credits]		x
⊗ LBIO1281	Integrated work in biology	Corentin Claeys Bouuaert Benoît Desguin Françoise Gofflot Pascal Hols André Lejeune (coord.) Jean-François Rees	PR [q2] [10h+35h] [3 Credits]		x
⊗ LBIO1323	Molecular signaling 🟡	Henri Batoko Patrick Dumont Géraldine Laloux	PR [q1] [30h+10h] [3 Credits]		x
⊗ LBIO1330	Integrated animal biology : reproduction and development	Patrick Dumont René Rezsóhazy	PR [q1] [30h+10h] [3 Credits]		x
⊗ LBIO1332	Animal embryology and development genetics	Françoise Gofflot René Rezsóhazy	PR [q1] [30h+10h] [3 Credits]		x
⊗ LBIO1333	Integrated animal biology: circulation, respiration, digestion and excretion	Patrick Dumont Françoise Gofflot Françoise Gofflot (compensates) René Rezsóhazy)	PR [q2] [30h+10h] [3 Credits]		x
⊗ LCHM1300	Additional practical work in chemistry	Benjamin Elias Yaroslav Filinchuk (coord.)	PR [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

### Access Requirements

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### Evaluation

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*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

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#### 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
Website	<a href="https://uclouvain.be/fr/facultes/sc/biol">https://uclouvain.be/fr/facultes/sc/biol</a>

Academic supervisor: [André Lejeune](https://uclouvain.be/repertoires/andre.lejeune) (<https://uclouvain.be/repertoires/andre.lejeune>)

#### Useful Contact(s)

- Study advisor for biology: [André Lejeune](https://uclouvain.be/repertoires/andre.lejeune) (<https://uclouvain.be/repertoires/andre.lejeune>)
- Administrative manager for the annual program of the student registered in the Faculty of sciences: [Nathalie Micha](https://uclouvain.be/repertoires/nathalie.micha) (<https://uclouvain.be/repertoires/nathalie.micha>)
- Secretary of the School of biology: [Bernadette Gravy](https://uclouvain.be/repertoires/bernadette.gravy) (<https://uclouvain.be/repertoires/bernadette.gravy>)

