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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 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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	Anne-Catherine Gérard (compensates Bernard Knoops)	FR [q1] [20h+10h] [2 Credits] 🌐	X	
○ LBIO1235	General cell physiology	Stanley Lutts Valérie Van der Eecken (compensates 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 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
⊗ LBIO1213	Morphology and physiology of fungi	Stephan Declerck	FR [q1] [15h+10h] [2 Credits] 🌐		X
⊗ LBIO1221	Genetics	Charles Hachez	FR [q2] [20h+15h] [2 Credits] 🌐		X

Year

2 3

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

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

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

Website

Academic supervisor: Muriel Quinet

Useful Contact(s)

- Stanley Lutts
- Nathalie Micha

