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APPBIOL - Introduction

Introduction

APPBIOL - Teaching profile

Learning outcomes

To provide students with training in a different discipline to that followed as their baccalaureate major.

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 du bloc 2 (10 credits)

○ LVETE1337	Immunology		[FR] [q1] [25h+10h] [3 Credits] 🌐	X	
○ LBIO1281	Integrated work in biology	Ruben Evens Charles Hachez Jean-François Rees François Renoz	[FR] [q2] [20h+35h] [3 Credits] 🌐	X	
○ LBIO1218	Marine Biology	Laurent Duchatelet	[FR] [q2] [25h] [2 Credits] 🌐	X	

o Cours au choix du bloc 2 (2 credits)

L'étudiant-e choisit 2 crédits parmi :

⊗ LBIO1252	Plant ecophysiology	Stanley Lutts	[FR] [q2] [20h+10h] [2 Credits] 🌐	X	
⊗ LBIO1254	Animal behavior	Ruben Evens	[FR] [q1] [20h+10h] [2 Credits] 🌐	X	
⊗ LBIO1216	Marine biology field	Laurent Duchatelet	[FR] [q2] [30h+36h] [2 Credits] 🌐	X	

o Cours du bloc 3 (20 credits)

○ LSC1120A	Philosophy		[FR] [q1] [30h] [2 Credits] 🌐		X
○ LBIO1312	Field work	François Chaumont Patrick Dumont	[FR] [q2] [0h+75h] [4 Credits] 🌐		X
○ LGEO1332A	Biogeography - Lectures		[FR] [q2] [30h] [2 Credits] 🌐		X

o Cours au choix du bloc 3

L'étudiant-e choisit 12 crédits parmi les cours ci-dessous ou parmi les cours de bachelier de l'université. Pour les étudiants se destinant au master en biologie des organismes et écologie, il est recommandé de suivre au moins un des enseignements suivants : LBIO1356 et/ou LBIO1357 (un étudiant peut évidemment suivre les deux). Pour les étudiants se destinant au master en biochimie et biologie moléculaire et cellulaire, il est recommandé de suivre LBIO1322.

⊗ LBIO1322	Integrated tutorials in biochemistry and molecular biology	Bernard Hallet Patrice Soumillon	[FR] [q2] [5h+45h] [4 Credits] 🌐		X
⊗ LBIO1332	Molecular Biology of Development	Françoise Gofflot René Rezsöházy	[FR] [q1] [30h+10h] [3 Credits] 🌐		X

Year

2 3

⊗ LBIO1337	Comparative animal physiology : diversity and environmental adaptation	Patrick Dumont Françoise Gofflot Jean-François Rees	EN [q1] [30h+20h] [4 Credits] 🌐		x
⊗ LBIO1342	Plant morphogenesis	François Chaumont	EN [q2] [20h+15h] [3 Credits] 🌐		x
⊗ LBIO1348	Global change ecology	Hans Van Dyck	EN [q2] [30h+10h] [3 Credits] 🌐		x
⊗ LBIO1349	Neurobiology	Frédéric Clotman Françoise Gofflot	EN [q2] [30h+20h] [4 Credits] 🌐		x
⊗ LBIO1350	Special issues in evolution	Simon Baeckens François Renoz René Rezsöhazi Patrice Soumillion	EN [q2] [20h+10h] [2 Credits] 🌐		x
⊗ LBIO1356	Integrated practical work in ecology and biogeography: biodiversity of natural environments	Ruben Evens Renate Wesselingh	EN [q1+q2] [10h+40h] [4 Credits] 🌐		x
⊗ LBIO1357	Integrated practical work in ecology and biogeography: biogeography of Belgium	Ruben Evens Renate Wesselingh	EN [q1+q2] [20h+30h] [4 Credits] 🌐		x
⊗ LBIR1230A	Introduction à l'ingénierie de la biosphère		EN [q2] [30h] [3 Credits] 🌐		x
⊗ LBRAL2102A	Physiological and nutritional biochemistry : partim parts 1, 2 and 3		EN [q1] [18h] [2 Credits] 🌐 > French-friendly		x

THE PROGRAMME'S COURSES AND LEARNING OUTCOMES

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

APPBIOL - Information

Access Requirements

The approfondissement in biological science is open to students enrolled on the baccalaureate in biological sciences who have not already chosen the minor in chemistry in their second year.

Evaluation

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

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: [Maryse Hermant](#)
- Administrative manager for the student's annual program: [Nathalie Micha](#)

