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## MINCULTS - Introduction

### Introduction

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## MINCULTS - Teaching profile

### Learning outcomes

On successful completion of this programme, each student is able to :

### Programme

### DETAILED PROGRAMME BY SUBJECT

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ◊ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 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:

#### ⊗ Séminaires

⊗ LSC1310	<a href="#">Scientific culture seminar</a> <i>Les étudiants ayant déjà réussi LSC1300 ou LSC1350 ne peuvent pas choisir cette UE.</i>	Benjamin Elias	FR [q1+q2] [5h+0h] [5 Credits] 🌐	X	X
⊗ LSST1002M	<a href="#">Information and critical thinking - MOOC</a>	Anne Bauwens (compensates Jean-François Rees) Myriam De Kesel	FR [q2] [30h+15h] [3 Credits] 🌐	X	X

#### ⊗ Biologie

##### ⊗ Niveau 0 (cours abordables sans pré-requis mais ne permettant pas de suivre un cours de niveau 2)

Max un cours parmi :  
Maximum 1 element(s)

⊗ LBIO1114	<a href="#">Introduction to biology</a>	Patrick Dumont	FR [q2] [30h+7.5h] [3 Credits] 🌐	X	X
⊗ LPSP1005	<a href="#">General biology, including elements of human genetics</a>	François Chaumont Patrick Dumont Charles Hachez	FR [q1] [30h] [4 Credits] 🌐	X	X

				Year	
				2	3
✘ LBIO1112	Organism biology : plants and animals	Matthew Dallemagne (compensates Jean-François Rees) Maryse Hermant (compensates Jean-François Rees) Muriel Quinet	PO [q2] [30h+20h] [5 Credits] 🌐	x	x
✘ LBIO1116	Scientific approach in biology	Muriel Quinet Nicolas Schtickzelle	PO [q2] [30h+30h] [5 Credits] 🌐	x	x
✘ LBIO1117	Ecology I	Renate Wesselingh	PO [q2] [30h+10h] [4 Credits] 🌐	x	x

## ✘ Niveau 2 (cours nécessitant des pré-requis de niveau 1)

✘ LBIO1230	Invertebrate biology	Matthew Dallemagne (compensates Jean-François Rees) Jean-François Rees	PO [q1] [10h+40h] [4 Credits] 🌐	x	x
✘ LBIO1234A	Animal histology	Anne-Catherine Gérard (compensates Bernard Knoops)	PO [q1] [20h+10h] [2 Credits] 🌐	x	x
✘ LBIO1235	General cell physiology	Stanley Lutts Valérie Van der Eecken (compensates Jean-François Rees)	PO [q1] [15h+15h] [2 Credits] 🌐	x	x
✘ LBIO1240	Plant physiology	Xavier Draye Stanley Lutts	PO [q1] [40h+15h] [4 Credits] 🌐	x	x
✘ LBIO1213	Morphology and physiology of fungi	Stephan Declerck	PO [q1] [15h+10h] [2 Credits] 🌐	x	x
✘ LBIO1217	Ecology II	Thierry Hance	PO [q2] [30h+10h] [3 Credits] 🌐	x	x
✘ LBIO1254	Animal behavior	Ruben Evens (compensates Hans Van Dyck)	EN [q1] [20h+10h] [2 Credits] 🌐	x	x
✘ LBIO1248	Biology and society : interdisciplinary approche of current scientific questions	Myriam De Kesel Stanley Lutts Jean-François Rees	PO [q1] [15h+15h] [2 Credits] 🌐	x	x
✘ LBIO1317	Functional ecology	Laurent Duchatelet	EN [q1] [30h] [2 Credits] 🌐	x	x

## ✘ Max un cours parmi

Maximum 1 element(s)

✘ LBIR1352	General genetics	Philippe Baret Annika Gillis (coord.) Jacques Mahillon	PO [q2] [45h+15h] [5 Credits] 🌐	x	x
✘ LBIO1221	Genetics	Charles Hachez	PO [q2] [20h+15h] [2 Credits] 🌐 > English-friendly	x	x

## ✘ Niveau 2 (cours nécessitant des pré-requis de niveau 1 en biologie et en chimie)

Maximum 1 element(s)

✘ LBIR1250	Biochemistry I	Laure-Alix Clerbaux Michel Ghislain (coord.)	PO [q1] [30h+15h] [4 Credits] 🌐	x	x
✘ LCHM1271A	Elements of biochemistry	Patrice Soumillion	PO [q1] [30h+20h] [3 Credits] 🌐	x	x

## ✘ Niveau 3 (cours nécessitant des pré-requis de niveau 2)

✘ LBIR1350	General Microbiology	Annika Gillis	PO [q2] [37.5h+15h] [4 Credits] 🌐	x	x
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## ✘ Chimie

## ✘ Niveau 1 (cours abordables sans pré-requis)

Maximum 1 element(s)

✘ LCHM1112	General Chemistry	Yaroslav Filinchuk	PO [q1] [30h+22.5h] [5 Credits] 🌐	x	x
✘ LCHM1111	General chemistry	Benjamin Elias Alexandru Vlad	PO [q1] [45h+67.5h] [11 Credits] 🌐	x	x
✘ LCHM1111A	General chemistry	Benjamin Elias Alexandru Vlad	PO [q1] [45h+30h] [6 Credits] 🌐	x	x
✘ LCHM1111B	General chemistry	Benjamin Elias Alexandru Vlad	PO [q1] [45h+45h] [8 Credits] 🌐	x	x

### ⌘ Niveau 2 (cours nécessitant des pré-requis de niveau1)

Maximum 1 element(s)

⌘ LCHM1141	Organic chemistry	Benjamin Elias Charles-André Fustin	PO [q2] [30h+40h] [7 Credits] 🌐	X	X
⌘ LCHM1141A	Organic chemistry	Benjamin Elias Charles-André Fustin	PO [q2] [30h+20h] [5 Credits] 🌐	X	X

### ⌘ Mathématique, physique et ingénierie

#### ⌘ Niveau 1 (cours abordables sans pré-requis)

Il est indispensable de suivre un cours de math (si votre majeure n'en contient pas) pour pouvoir suivre un cours de physique.

#### ⌘ Max un cours parmi

Maximum 1 element(s)

⌘ LECGE1112	Mathematics in economy and management	Pascal Lambrechts Mathieu Van Vyve	PO [q1] [45h+30h] [6 Credits] 🌐	X	X
⌘ LMAT1101	Mathematics 1	Pedro Dos Santos Santana Forte Vaz	PO [q1] [30h+20h] [4 Credits] 🌐	X	X

#### ⌘ Max un cours parmi

Maximum 1 element(s)

⌘ LINGE1122	Physics 1	Giacomo Bruno	PO [q2] [40h+20h] [5 Credits] 🌐	X	X
⌘ LPHY1101	Physics 1	Michel Crucifix Thierry Fichet	PO [q1] [30h+40h] [6 Credits] 🌐	X	X

### ⌘ Niveau 2 (cours nécessitant des pré-requis de niveau1)

⌘ LMAT1102	Mathematics 2	Augusto Ponce	PO [q2] [30h+30h] [4 Credits] 🌐	X	X
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#### ⌘ Max un cours parmi

L'étudiant qui choisit LPHY1102 est tenu de suivre (d'avoir suivi) LMAT1102.

Maximum 1 element(s)

⌘ LPHY1102	Physics 2	Vincent Lemaitre	PO [q2] [54h+36h] [7 Credits] 🌐	X	X
⌘ LPHY1103	Additional physics	Gabriel Dias de Azevedo Junior Marco Drewes	PO [q2] [40h+10h] [4 Credits] 🌐	X	X

				Year	
				2	3
✂ LGEO1232	The climate and its changes	Michel Crucifix (compensates) Francesco Ragone Qiuzhen Yin (compensates) Kristof Van Oost	FR [q2] [30h] [5 Credits] 🌐	X	X
✂ LGEO1241	Cartography and spatial data analysis	Patrick Meyfroidt Isabelle Thomas	FR [q2] [30h+30h] [5 Credits] 🌐	X	X
✂ LGEO1251	Earth's history	Veerle Vanacker	FR [q2] [30h+60h] [6 Credits] 🌐 > English-friendly	X	X

#### ✂ Niveau 2 (cours nécessitant des pré-requis de niveau1)

✂ LBIR1328	Climatology and hydrology applied to agronomy and the environment	Alice Alonso (coord.) Charles Bielders (coord.) Hugues Goosse	FR [q1] [45h+22.5h] [6 Credits] 🌐 > French-friendly	X	X
✂ LBIR1334	Introduction to forest science	Quentin Ponette (coord.) Caroline Vincke	FR [q2] [22.5h+15h] [3 Credits] 🌐 > English-friendly	X	X
✂ LBIR1336	Soil science and integrated excursions	Yannick Agnan (coord.) Richard Lambert Caroline Vincke	FR [q2] [30h+37.5h] [5 Credits] 🌐 > English-friendly	X	X
✂ LGEO1332	Biogeography	Hans Van Dyck Renate Wesselingh	FR [q2] [30h+24h] [4 Credits] 🌐	X	X
✂ LGEO1342	Geographical Information Systems (GIS)	Sophie Vanwambeke	FR [q1] [30h+30h] [5 Credits] 🌐	X	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.



