

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	6
Information	7
Access Requirements	7
Evaluation	7
Possible trainings at the end of the programme	7
Contacts	7

MINCULTS - Introduction

Introduction

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 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

Content:

⊗ Séminaires

⊗ LSC1310	Scientific culture seminar <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	Information and critical thinking - MOOC	Myriam De Kesel Jean-François Rees	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	Introduction to biology	Patrick Dumont Caroline Nieberding	FR [q2] [30h+7.5h] [3 Credits] 🌐	X	X
⊗ LPSP1005	General biology, including elements of human genetics	François Chaumont (coord.) Patrick Dumont Charles Hachez	FR [q1] [30h] [4 Credits] 🌐	X	X

⊗ Niveau 1 (cours abordables sans pré-requis)

⊗ LBIO1110	Life : diversity and evolution	Michel Baguette (compensates Caroline Nieberding) Patrick Dumont	FR [q1] [30h+10h] [4 Credits] 🌐	X	X
⊗ LBIO1111	Cell and molecular biology	Patrick Dumont Charles Hachez	FR [q1] [30h+20h] [5 Credits] 🌐	X	X
⊗ LBIO1112	Organism biology : plants and animals	André Lejeune Jean-François Rees	FR [q2] [30h+20h] [5 Credits] 🌐	X	X

				Year	
				2	3
✘ LBIO1116	Scientific approach in biology	Muriel Quinet	FR [q2] [30h+30h] [5 Credits] 🌐	x	x
✘ LBIO1117	Ecology I	Renate Wesselingh	FR [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	FR [q1] [10h+40h] [4 Credits] 🌐	x	x
✘ LBIO1234A	Animal histology	Anne-Catherine Gérard (compensates Bernard Knoops)	FR [q1] [20h+10h] [2 Credits] 🌐	x	x
✘ LBIO1235	General cell physiology	Stanley Lutts Valérie Van der Eecken (compensates Jean-François Rees)	FR [q1] [15h+15h] [2 Credits] 🌐	x	x
✘ LBIO1240	Plant physiology	Xavier Draye Stanley Lutts	FR [q1] [40h+15h] [4 Credits] 🌐	x	x
✘ LBIO1213	Morphology and physiology of fungi	Stephan Declerck	FR [q1] [15h+10h] [2 Credits] 🌐	x	x
✘ LBIO1217	Ecology II	Thierry Hance	FR [q2] [30h+10h] [3 Credits] 🌐	x	x
✘ LBIO1254	Animal behavior		EN [q1] [20h+10h] [2 Credits] 🌐	x	x
✘ LBIO1248	Biology and society : interdisciplinary approach of current scientific questions	Myriam De Kesel Myriam De Kesel (compensates Jean-François Rees) Stanley Lutts	FR [q1] [15h+15h] [2 Credits] 🌐	x	x
✘ LBIO1317	Functional ecology	Michel Baguette	EN [q1] [30h] [2 Credits] 🌐	x	x

✘ Max un cours parmi

Maximum 1 element(s)

✘ LBIR1352	General genetics	Jean-François Dumasy (compensates Philippe Baret) Annika Gillis (coord.) Jacques Mahillon (compensates Philippe Baret)	FR [q2] [45h+15h] [5 Credits] 🌐	x	x
✘ LBIO1221	Genetics	Charles Hachez	FR [q2] [20h+15h] [2 Credits] 🌐	x	x

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

Maximum 1 element(s)

✘ LBIR1250	Biochemistry I	Emeline Dierge (compensates Yvan Larondelle) Michel Ghislain Yvan Larondelle (coord.)	FR [q1] [30h+15h] [4 Credits] 🌐	x	x
✘ LCHM1271A	Elements of biochemistry	Patrice Soumillion	FR [q1] [30h+20h] [3 Credits] 🌐	x	x

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

✘ LBIR1350	General Microbiology	Annika Gillis	FR [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	FR [q1] [30h+22.5h] [5 Credits] 🌐	x	x
✘ LCHM1111	General chemistry	Benjamin Elias Alexandru Vlad	FR [q1] [45h+67.5h] [11 Credits] 🌐	x	x
✘ LCHM1111A	General chemistry	Benjamin Elias Alexandru Vlad	FR [q1] [45h+30h] [6 Credits] 🌐	x	x
✘ LCHM1111B	General chemistry	Benjamin Elias Alexandru Vlad	FR [q1] [45h+45h] [8 Credits] 🌐	x	x

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

Maximum 1 element(s)

				Year	
				2	3
✘ LCHM1141	Organic chemistry	Benjamin Elias (coord.) Charles-André Fustin	PR [q2] [30h+40h] [7 Credits] 🌐	x	x
✘ LCHM1141A	Organic chemistry	Benjamin Elias (coord.) Charles-André Fustin	PR [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	Julien Federinov (compensates Pascal Lambrechts) Mathieu Van Vyve	PR [q1] [45h+30h] [6 Credits] 🌐	x	x
✘ LMAT1101	Mathematics 1	Pedro Dos Santos Santana Forte Vaz	PR [q1] [30h+20h] [4 Credits] 🌐	x	x

✘ Max un cours parmi

Maximum 1 element(s)

✘ LINGE1122	Physics 1	Giacomo Bruno	PR [q2] [40h+20h] [5 Credits] 🌐	x	x
✘ LPHY1101	Physics 1	Michel Crucifix Thierry Fichetef	PR [q1] [30h+40h] [6 Credits] 🌐	x	x

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

✘ LMAT1102	Mathematics 2	Augusto Ponce	PR [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	PR [q2] [54h+36h] [7 Credits] 🌐	x	x
✘ LPHY1103	Additional physics	Gabriel Dias de Carvalho Junior Adrien Poncelet	PR [q2] [40h+10h] [4 Credits] 🌐	x	x
✘ LELEC1930	Intoduction to telecommunication	Jérôme Louveaux	PR [q2] [30h+15h] [4 Credits] 🌐	x	x
✘ LINGE1317	Research and technological development: energy, electronics and telecommunications	Francesco Contino Benôit Macq	PR [q1] [32.5h+7.5h] [4 Credits] 🌐	x	x
✘ LINGE1327	Research and technological development: mechanical, chemical and materials	Paul Fisetle Bernard Nysten	PR [q2] [32.5h+7.5h] [4 Credits] 🌐	x	x
✘ LPHYS1214	Astronomy and geophysics	Gwenhaël de Wasseige Véronique Dehant	PR [q2] [22.5h+15h] [5 Credits] 🌐	x	x

✘ Sciences de la terre

✘ Niveau 1 (cours abordables sans pré-requis)

✘ LBIR1130	Introduction to Earth sciences	Pierre Delmelle (coord.) Sophie Opfergelt	PR [q2] [30h+30h] [6 Credits] 🌐	x	x
✘ LBIR1230	Introduction to biosphere engineering	Philippe Baret Pierre Defourny (coord.) Pierre Delmelle	PR [q2] [60h] [5 Credits] 🌐	x	x
✘ LGEO1111	Earth and society : perspectives from geography	Marie-Laurence De Keersmaecker Bas van Wesemael	PR [q2] [30h+15h] [4 Credits] 🌐	x	x
✘ LGEO1181	Geography in action	Patrick Meyfroidt Bas van Wesemael	PR [q1+q2] [0h+45h] [5 Credits] 🌐	x	x
✘ LGEO1221	Elements of human geography	Marie-Laurence De Keersmaecker	PR [q1] [30h+30h] [5 Credits] 🌐	x	x
✘ LGEO1231	Physical geography	Bas van Wesemael	PR [q1] [30h+30h] [5 Credits] 🌐	x	x
✘ LGEO1232	The climate and its changes	Francesco Ragone Kristof Van Oost	PR [q2] [30h] [5 Credits] 🌐	x	x

				Year	
				2	3
⌘ LGEO1241	Cartography and spatial data analysis	Patrick Meyfroidt Isabelle Thomas	EN [q2] [30h+30h] [5 Credits] 🌐	x	x
⌘ LGEO1251	Earth's history	Veerle Vanacker	EN [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 (compensates Marnik Vanclooster) Charles Biélers (coord.) Hugues Goosse	EN [q1] [45h+22.5h] [6 Credits] 🌐 > French-friendly	x	x
⌘ LBIR1334	Introduction to forest science	Quentin Ponette (coord.) Caroline Vincke	EN [q2] [22.5h+15h] [3 Credits] 🌐 > English-friendly	x	x
⌘ LBIR1336	Soil science and integrated excursions	Yannick Agnan (coord.) Richard Lambert Caroline Vincke	EN [q2] [30h+37.5h] [5 Credits] 🌐 > English-friendly	x	x
⌘ LGEO1332	Biogeography	Michel Baguette (compensates Caroline Nieberding) Renate Wesselingh	EN [q2] [30h+24h] [4 Credits] 🌐	x	x
⌘ LGEO1342	Geographical Information Systems (GIS)	Sophie Vanwambeke	EN [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.

MINCULTS - Information

Access Requirements

The minor is accessible, with no entry requirements, to all baccalaureate students, regardless of their option. It is taken in the second and third year of the baccalaureate. The minor is also open to adults.

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".

Possible trainings at the end of the programme

The minor does not lead on to any master's in particular. It will make it easier for students to understand problems in exact sciences dealt with on the master's course, even if students only have only received limited training in these subject areas when studying for their baccalaureate.

Contacts

Curriculum Management

Faculty

Structure entity

Denomination

Sector

Acronym

Postal address

SST/SC

Faculty of Science (SC)

Sciences and Technology (SST)

SC

Place des Sciences 2 - bte L6.06.01

1348 Louvain-la-Neuve

Tel: +32 (0) 10 47 33 24 - Fax: +32 (0) 10 47 28 37

<http://www.uclouvain.be/sc>

Website

Mandate(s)

- Dean : Pascal Lambrechts
- Administrative director : Chantal Poncin

Commission(s) of programme

- Ecole de biologie (BIOL)
- Commission de l'agrégation et de la formation continue en Sciences (CAFC)
- Ecole de chimie (CHIM)
- Ecole de géographie (GEOG)
- Louvain School of Statistics, Biostatistics and Actuarial Sciences (LSBA)
- Ecole de mathématique (MATH)
- Ecole de physique (PHYS)
- Ecole de médecine vétérinaire (VETE)

Academic supervisor: Benjamin Elias

Useful Contact(s)

- Benjamin Elias
- Nathalie Micha

