

 The version you're consulting is not definitive. This programme still may change. The final version will be published on 1th June.

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	5
Information	6
Bachelors offering this minor	6
Access Requirements	6
Evaluation	6
Possible trainings at the end of the programme	6
Contacts	6

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 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

o Content:

⊗ Séminaires

⊗ LSC1310	Scientific culture seminar <i>Les étudiants ayant déjà réussi LSC1300 ou LSC1350 ne peuvent pas choisir cette UE.</i>		[FR] [q1+q2] [5h+0h] [5 Credits] 🌐	X	X
⊗ LSST1002M	Information and critical thinking - MOOC		[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		[FR] [q2] [30h+7.5h] [3 Credits] 🌐	X	X
⊗ LPSP1005	General biology, including elements of human genetics		[FR] [q1] [30h] [4 Credits] 🌐	X	X

⊗ Niveau 1 (cours abordables sans pré-requis)

⊗ LBIO1110	Life : diversity and evolution		[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		[FR] [q2] [30h+20h] [5 Credits] 🌐	X	X
⊗ LBIO1116	Scientific approach in biology		[FR] [q2] [30h+30h] [5 Credits] 🌐	X	X
⊗ LBIO1117	Ecology I		[FR] [q2] [30h+10h] [4 Credits] 🌐	X	X

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

⊗ LBIO1230	Invertebrate biology	Jean-François Rees	[FR] [q1] [10h+40h] [4 Credits] 🌐	X	X
⊗ LBIO1234A	Animal histology		[FR] [q1] [20h+10h] [2 Credits] 🌐	X	X

				Year	
				2	3
✘ LBIO1235	General cell physiology	Stanley Lutts 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		FR [q2] [30h+10h] [3 Credits] 🌐	X	X
✘ LBIO1254	Animal behavior		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	FR [q1] [15h+15h] [2 Credits] 🌐	X	X
✘ LBIO1317	Functional ecology		EN [q1] [30h] [2 Credits] 🌐	X	X

✘ **Max un cours parmi**

Maximum 1 element(s)

✘ LBIR1352	General genetics	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	Michel Ghislain Yvan Larondelle (coord.)	FR [q1] [30h+15h] [4 Credits] 🌐	X	X
✘ LCHM1271A	Elements of biochemistry		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		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		FR [q1] [45h+30h] [6 Credits] 🌐	X	X
✘ LCHM1111B	General chemistry		FR [q1] [45h+45h] [8 Credits] 🌐	X	X

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

Maximum 1 element(s)

✘ LCHM1141	Organic chemistry		FR [q2] [30h+40h] [7 Credits] 🌐	X	X
✘ LCHM1141A	Organic chemistry		FR [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	FR [q1] [45h+30h] [6 Credits] 🌐	X	X
✘ LMAT1101	Mathematics 1		FR [q1] [30h+20h] [4 Credits] 🌐	X	X

✘ **Max un cours parmi**

Maximum 1 element(s)

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

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

✘ LMAT1102	Mathematics 2		FR [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	FR [q2] [54h+36h] [7 Credits] 🌐	X	X
⊗ LPHY1103	Additional physics		FR [q2] [40h+10h] [4 Credits] 🌐	X	X
⊗ LELEC1930	Intoduction to telecommunication	Jérôme Louveaux	FR [q2] [30h+15h] [4 Credits] 🌐	X	X
⊗ LINGE1317	Research and technological development: energy, electronics and telecommunications	Francesco Contino Benoît Macq	FR [q1] [32.5h+7.5h] [4 Credits] 🌐	X	X
⊗ LINGE1327	Research and technological development: mechanical, chemical and materials		FR [q2] [32.5h+7.5h] [4 Credits] 🌐	X	X
⊗ LPHYS1214	Astronomy and geophysics		FR [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	FR [q2] [30h+30h] [6 Credits] 🌐	X	X
⊗ LBIR1230	Introduction to biosphere engineering	Philippe Baret Pierre Defourny Pierre Delmelle	FR [q2] [60h] [5 Credits] 🌐	X	X
⊗ LGEO1111	Earth and society : perspectives from geography		FR [q2] [30h+15h] [4 Credits] 🌐	X	X
⊗ LGEO1181	Geography in action		FR [q1+q2] [15h+30h] [5 Credits] 🌐	X	X
⊗ LGEO1221	Elements of human geography		FR [q1] [30h+30h] [5 Credits] 🌐	X	X
⊗ LGEO1231	Physical geography		FR [q1] [30h+30h] [5 Credits] 🌐	X	X
⊗ LGEO1232	The climate and its changes		FR [q2] [30h] [5 Credits] 🌐	X	X
⊗ LGEO1241	Cartography and spatial data analysis		FR [q2] [30h+30h] [5 Credits] 🌐	X	X
⊗ LGEO1251	Earth's history		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	Charles Bielders (coord.) Hugues Goosse Marnik Vanclooster	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		FR [q2] [30h+24h] [4 Credits] 🌐	X	X
⊗ LGEO1342	Geographical Information Systems (GIS)		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.

MINCULTS - Information

Bachelors offering this minor

- > Bachelor in Computer Science [en-prog-2024-sinf1ba]
- > Bachelor in Chemistry [en-prog-2024-chim1ba]
- > Bachelor in Physics [en-prog-2024-phys1ba]
- > Bachelor in Mathematics [en-prog-2024-math1ba]
- > Bachelor in History [en-prog-2024-hist1ba]
- > Bachelor in Human and Social Sciences [en-prog-2024-huso1ba]
- > Bachelor in History of Art and Archaeology : General [en-prog-2024-arke1ba]
- > Bachelor in Ancient Languages and Literatures: Oriental Studies [en-prog-2024-hori1ba]
- > Bachelor in Information and Communication [en-prog-2024-comu1ba]
- > Bachelor in Geography : General [en-prog-2024-geog1ba]
- > Bachelor in History of Art and Archaeology : Musicology [en-prog-2024-musi1ba]
- > Bachelor in religious studies [en-prog-2024-reli1ba]
- > Bachelor in Biomedicine [en-prog-2024-sbim1ba]
- > Bachelor in Philosophy [en-prog-2024-filo1ba]
- > Bachelor in Political Sciences: General [en-prog-2024-spol1ba]
- > Bachelor in Sociology and Anthropology [en-prog-2024-soca1ba]
- > Bachelor in Law [en-prog-2024-droi1ba]
- > Bachelor in Ancient Languages and Literatures : Classics [en-prog-2024-clas1ba]
- > Bachelor in Motor skills : General [en-prog-2024-edph1ba]
- > Bachelor in Pharmacy [en-prog-2024-farm1ba]
- > Bachelor in Engineering [en-prog-2024-fsa1ba]
- > Bachelor in Economics and Management [en-prog-2024-ecge1ba]

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. 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	SST/SC
Denomination	Faculty of Science (SC)
Sector	Sciences and Technology (SST)
Acronym	SC
Postal address	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)

- Vice-Dean, study advisor for the minor in scientific culture: [Benjamin Elias](#)
- Administrative manager for the annual program of the student registered in the Faculty of sciences: [Nathalie Micha](#)

