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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 2022-2023
- ⊙ Not offered in 2022-2023 but offered the following year
- ⊕ Offered in 2022-2023 but not the following year
- △ ⊕ Not offered in 2022-2023 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

⊗ LSC1300	Séminaire de culture scientifique		[FR] [] [] [5 Credits] 🌐	X	X
⊗ LSC1350	Séminaire d'application des sciences		[FR] [] [] [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	André Moens	[FR] [q1] [30h] [4 Credits] 🌐	X	X

⊗ Niveau 1 (cours abordables sans pré-requis)

⊗ LBIO1110	Life : diversity and evolution	Patrick Dumont Caroline Nieberding	[FR] [q1] [30h+10h] [4 Credits] 🌐	X	X
⊗ LBIO1111	Cell and molecular biology	André Lejeune	[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
⊗ 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)

				Year	
				2	3
✘ LBIO1230	Invertebrate biology	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 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] Δ ⊕ 🌐	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	Caroline Nieberding Renate Wesselingh	EN [q1] [30h] [2 Credits] 🌐	x	x

✘ Max un cours parmi

Maximum 1 element(s)

✘ LBIR1352	General genetics	Philippe Baret (coord.) Annika Gillis (compensates Philippe Baret) Jacques Mahillon (compensates Philippe Baret)	FR [q2] [45h+15h] [5 Credits] 🌐	x	x
✘ LBIR1352M	General genetics <i>Le cours magistral étant commun, les partims M et P ne peuvent être cumulés.</i>	Annika Gillis (compensates Philippe Baret) Jacques Mahillon (compensates Philippe Baret)	FR [q2] [30h+15h] [4 Credits] 🌐	x	x
✘ LBIO1221	Genetics	Charles Hachez André Lejeune	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	Michel Ghislain (compensates 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	Michel Devillers	FR [q1] [45h+67.5h] [11 Credits] 🌐	x	x
✘ LCHM1111A	General chemistry	Michel Devillers	FR [q1] [45h+30h] [6 Credits] 🌐	x	x
✘ LCHM1111B	General chemistry	Michel Devillers	FR [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 (coord.) Charles-André Fustin	FR [q2] [30h+40h] [7 Credits] 🌐	x	x
✘ LCHM1141A	Organic chemistry	Benjamin Elias (coord.) Charles-André Fustin	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	Julien Federinov (compensates Mathieu Van Vyve) Pascal Lambrechts	PR [q1] [45h+30h] [6 Credits] 🌐	X	X
⌘ LMAT1101	Mathematics 1	Cécile Coyette (compensates 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	Thierry Fichet	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 Lemaître	PR [q2] [54h+36h] [7 Credits] 🌐	X	X
⌘ LPHY1103	Additional physics	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 Benoît Macq	PR [q1] [32.5h+7.5h] [4 Credits] 🌐	X	X
⌘ LINGE1327	Research and technological development: mechanical, chemical and materials	Paul Fissette Bernard Nysten	PR [q2] [32.5h+7.5h] [4 Credits] 🌐	X	X
⌘ LPHYS1214	Astronomy and geophysics	Véronique Dehant Patricia Lampens	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 (coord.) Pierre Defourny Briec Hardy (compensates 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	Bas van Wesemael Bas van Wesemael (compensates Patrick Meyfroidt)	PR [q1+q2] [0h+45h] [4 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	Justin Delloye (compensates Patrick Meyfroidt) Isabelle Thomas	FR [q2] [30h+30h] [5 Credits] 🌐	x	x
⊗ LGEO1251	Earth's history	Veerle Vanacker	FR [q2] [30h+60h] [6 Credits] 🌐	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 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	Sciences du sol et excursions intégrées	Yannick Agnan (coord.) Richard Lambert Caroline Vincke	FR [q2] [30h+37.5h] [5 Credits] 🌐 > English-friendly	x	x
⊗ LGEO1332	Biogeography	Caroline Nieberding 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.

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](tel:+32210473324) - Fax: [+32 \(0\) 10 47 28 37](tel:+32210472837)

<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

