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Introduction

Introduction

Teaching profile

Learning outcomes

L'UCL offre deux mineures en développement, visant des publics différents. Celle-ci, intitulée " **Développement et Environnement** ", a principalement pour objectif l'acquisition d'une grille de lecture des problématiques environnementales liées au développement, basée sur des méthodes quantitatives et les outils d'analyse associés. Elle s'adresse à l'étudiant motivé par une démarche formelle rigoureuse. Les diplômés de la mineure auront acquis des compétences de description, de compréhension et d'explication croisant les contributions de l'écologie (biologie, grands cycles), de l'économie et de la géopolitique. Cette richesse de points de vue, chacun étant nourri de sa rigueur propre, est essentielle pour l'identification de questions pertinentes et l'élaboration de solutions effectives en matière d'environnement et développement, comme cela est amplement démontré par les problèmes de gestion durable de ressources naturelles à l'échelle mondiale.

De manière à construire ses compétences de façon cohérente et progressive, certains cours servent de pré-requis à d'autres plus avancés. L'étudiant devra respecter ces séquences.

Detailed programme

PROGRAMME BY SUBJECT

- Mandatory
 △ Courses not taught during 2017-2018
 ⊕ Periodic courses taught during 2017-2018
- ✘ Optional
 ⊙ Periodic courses not taught during 2017-2018
 ■ Activity with requisites

Click on the course title to see detailed informations (objectives, methods, evaluation...)

						Year	
						2	3
○ LBIR1343A	Economy of natural resources and the environment (partim)	Frédéric Gaspard	30h	3 Credits	2q	x	
○ LBIO1251	Ecology	Hans Van Dyck Renate Wesselingh	60h+15h	6 Credits	2q	x	
○ LBIR1130A	Introduction to Earth sciences	Pierre Delmelle (coord.) Sophie Opfergelt	30h	3 Credits	2q	x	x
○ LBIR1230B	Introduction à l'ingénierie de la biosphère	Philippe Baret (coord.) Pierre Defourny Pierre Delmelle Bruno Delvaux	25h+15h	3 Credits	2q	x	x
○ LDVLP2325	Geopolitics of natural resources	Leonith Hinojosa Valencia (compensates Vincent Legrand) Vincent Legrand	30h	4 Credits	1q		x
○ LBIR1334	Introduction to forestry sciences	Quentin Ponette (coord.) Caroline Vincke	30h+15h	3 Credits	2q		x
○ LSPED1221	Interrelations of Population, Environment and Development	Bruno Masquelier	30h	5 Credits	2q	x	
○ LBRAI2212	Economics of Rural Development	Frédéric Gaspard (coord.) Bruno Henry de Frahan	30h	3 Credits	1q		x

✘ Cours au choix:

Cette liste de cours est proposée au choix au cas où certains cours ne pourraient être suivis du fait de problèmes horaires. Ces cours de remplacement éventuels doivent être validés par le responsable de la mineure.

✘ LBIR1305	Introduction to systems analysis	Philippe Baret	10h+20h	3 Credits	1q	x	x
✘ LBIR1260	Principes d'Economie	Bruno Henry de Frahan	30h+15h	3 Credits	1q	x	x
✘ LGEO1332C	Biogéographie		30h+24h	4 Credits	2q	x	x
✘ LBIR1326	Ecologie, physiologie et systématiques végétales	Anne-Laure Jacquemart (coord.) Stanley Lutts	45h+15h	4 Credits	1 + 2q	x	x

COURSE PREREQUISITES

A document entitled (nb: not available for this programme ldenv100i) specifies the activities (course units - CU) with one or more pre-requisite(s) within the study programme, that is the CU whose learning outcomes must have been certified and for which the credits must have been granted by the jury before the student is authorised to sign up for that activity.

These activities are identified in the study programme: their title is followed by a yellow square.

As the prerequisites are a requirement of enrolment, there are none within a year of a course.

The prerequisites are defined for the CUs for different years and therefore influence the order in which the student can enrol in the programme's CUs.

In addition, when the panel validates a student's individual programme at the beginning of the year, it ensures the consistency of the individual programme:

- It can change a prerequisite into a corequisite within a single year (to allow studies to be continued with an adequate annual load);
- It can require the student to combine enrolment in two separate CUs it considers necessary for educational purposes.

For more information, please consult [regulation of studies and exams](#).

THE PROGRAMME'S COURSES AND LEARNING OUTCOMES

For each UCL training programme, a [reference framework of learning outcomes](#) specifies the competences expected of every graduate on completion of the programme. You can see the contribution of each teaching unit to the programme's reference framework of learning outcomes in the document "In which teaching units are the competences and learning outcomes in the programme's reference framework developed and mastered by the student?"

Information

Liste des bacheliers proposant cette mineure

- > Bachelor in Sociology and Anthropology [en-prog-2017-soca1ba]
- > Bachelor in Pharmacy [en-prog-2017-farm1ba]
- > Bachelor in religious studies [en-prog-2017-reli1ba]
- > Bachelor in Philosophy [en-prog-2017-filo1ba]
- > Bachelor in Mathematics [en-prog-2017-math1ba]
- > Bachelor in Economics and Management [en-prog-2017-ecge1ba]
- > Bachelor in Law [en-prog-2017-droi1ba]
- > Bachelor in Motor skills : General [en-prog-2017-edph1ba]
- > Bachelor in Political Sciences: General [en-prog-2017-spol1ba]
- > Bachelor in History [en-prog-2017-hist1ba]
- > Bachelor in Human and Social Sciences [en-prog-2017-huso1ba]
- > Bachelor in History of Art and Archaeology : General [en-prog-2017-arke1ba]
- > Bachelor in Engineering [en-prog-2017-fsa1ba]
- > Bachelor in Computer Science [en-prog-2017-sinf1ba]
- > Bachelor in Information and Communication [en-prog-2017-comu1ba]
- > Bachelor in Biomedicine [en-prog-2017-sbim1ba]
- > Bachelor in Chemistry [en-prog-2017-chim1ba]
- > Bachelor in Modern Languages and Literatures : General [en-prog-2017-roge1ba]

Admission

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

L'admission à des Masters ultérieurs ne fait pas partie des objectifs de la mineure, qui offre une formation en tant que telle ("self-contained").

En tant que choix personnel de l'étudiant, la mineure répond à son souhait d'enrichir sa formation de base dans les domaines du développement et de l'environnement. La mineure contribue à sensibiliser l'étudiant à ces problématiques, apportant une coloration spécifique à sa formation majeure.

Contacts

Attention, you are currently reading an archived page: below contact informations were for program study 2017-2018 only. To get current contact informations please got to [current program study site](#).

Curriculum Management

Faculty	
Structure entity	SST/AGRO
Denomination	Faculty of bioscience engineering (<u>AGRO</u>) (https://uclouvain.be/repertoires/entites/agro)
Sector	Sciences and Technology (<u>SST</u>) (https://uclouvain.be/repertoires/entites/sst)
Acronym	AGRO
Postal address	Croix du Sud 2 - bte L7.05.01 1348 Louvain-la-Neuve Tel: +32 (0) 10 47 37 19 - Fax: +32 (0) 10 47 47 45 http://www.uclouvain.be/agro
Web site	http://www.uclouvain.be/agro

Mandate(s)

- Doyen : Philippe Baret
- Directeur administratif de faculté : Christine Denayer

Commission(s) of programme

- Commission de programme - Master Bioingénieur-Sciences agronomiques (BIRA) (<https://uclouvain.be/fr/repertoires/entites/BIRA>)
- Commission de programme - Master Bioingénieur-Chimie et bioindustries (BIRC) (<https://uclouvain.be/fr/repertoires/entites/BIRC>)
- Commission de programme - Master Bioingénieur-Sciences & technologies de l'environnement (BIRE) (<https://uclouvain.be/fr/repertoires/entites/BIRE>)
- Commission de programme - Bachelier en sciences de l'ingénieur, orientation bioingénieur (CBIR) (<https://uclouvain.be/fr/repertoires/entites/CBIR>)
- Commission de programme interfacultaire en Sciences et gestion de l'environnement (ENVI) (<https://uclouvain.be/fr/repertoires/entites/ENVI>)
- Fermes universitaires de Louvain (FERM) (<https://uclouvain.be/fr/repertoires/entites/FERM>)

Other academic Supervisor(s)

- Eric Gaigneaux

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