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Introduction

Introduction

Teaching profile

Learning outcomes

To provide students with training in a different discipline to that followed as their baccalaureate major.

Detailed programme

PROGRAMME BY SUBJECT

- Mandatory
 △ Courses not taught during 2018-2019
 ⊕ Periodic courses taught during 2018-2019
- ✘ Optional
 ⊖ Periodic courses not taught during 2018-2019
 ■ Activity with requisites

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

L'étudiant choisit soit l'approfondissement "de la molécule à l'organisme" soit l'approfondissement "de l'organisme à l'écosystème"

Year

2 3

✘ "de la molécule à l'organisme" (30 credits)

○ Cours du 2e bloc annuel (10 credits)

○ LBIO1216	Stage de biologie marine	Jérôme Mallefet	0h+40h	2 Credits	2q	x	
○ LBIO1233	Animal physiology and morphology	Patrick Dumont Françoise Gofflot (coord.) René Rezsóhazy	30h+30h	5 Credits	2q	x	
○ LBIO1281	Project	Françoise Gofflot Pascal Hols André Lejeune (coord.) Jean-François Rees Hans Van Dyck	10h+35h	3 Credits	1 + 2q	x	

○ Cours du 3e bloc annuel (20 credits)

○ LBIO1322	Integrated tutorials in biochemistry and molecular genetics	Bernard Hallet Patrice Soumillion	0h+60h	5 Credits	2q	x	
○ LBIO1336	Animal Biochemistry, physiology and histology	Patrick Dumont Françoise Gofflot	30h+30h	5 Credits	2q	x	
○ LBRAL2102A	Physiological and nutritional biochemistry : partim parts 1, 2 and 3	Cathy Debier Yvan Larondelle	18h	2 Credits	1q	x	
○ LBIO1338	Travaux pratiques intégrés de physiologie, histologie et biochimie animales	Bernard Knoops Melissa Page Jean-François Rees	0h+22.5h	2 Credits	2q	x	

○ Cours de biologie du développement (3 credits)

L'étudiant choisit 3 crédits dans la liste ci-dessous

✘ LBIO1332	Animal embryology	René Rezsóhazy	25h+15h	3 Credits	1q	x	
✘ LBIO1342	Plant morphogenesis	François Chaumont	20h+15h	3 Credits	2q	x	
✘ LBIO1343	Développement et morphogenèse végétales : contrôle génétique de la morphogenèse	François Chaumont	25h+15h	3 Credits	2q	x	

○ Cours au choix (3 credits)

L'étudiant complète son programme par 3 crédits qu'il choisit dans la liste non exhaustive ci-dessous. Pour les cours choisis en dehors des programmes de cours proposés par les Facultés SC et AGRO, la commission de programme du bachelier en sciences biologiques se réserve le droit de valider ou non ces choix sur base de la justification circonstanciée que l'étudiant fournira.

✘ LBIO1332	Animal embryology	René Rezsóhazy	25h+15h	3 Credits	1q	x	
✘ LBIO1334	Comparative animal physiology	Patrick Dumont Françoise Gofflot Jérôme Mallefet	15h+35h	4 Credits	2q	x	
✘ LBIO1335	Immunology	Jean-Paul Dehoux	25h+15h	3 Credits	1q	x	
✘ LBIO1342	Plant morphogenesis	François Chaumont	20h+15h	3 Credits	2q	x	
✘ LBIO1343	Développement et morphogenèse végétales : contrôle génétique de la morphogenèse	François Chaumont	25h+15h	3 Credits	2q	x	

⌘ "de l'organisme à l'écosystème" (30 credits)

o Cours du 2e bloc annuel (10 credits)

○ LBIO1216	Stage de biologie marine	Jérôme Mallefet	0h+40h	2 Credits	2q	x	
○ LBIO1214	Systematics and evolution : Principles, methods and diversity	Thierry Hance Renate Wesselingh	25h+25h	3 Credits	2q	x	
○ LBIO1215	Marine Biology	Jérôme Mallefet	25h	2 Credits	2q	x	
○ LBIO1281	Project	Françoise Gofflot Pascal Hols André Lejeune (coord.) Jean-François Rees Hans Van Dyck	10h+35h	3 Credits	1 + 2q	x	

o Cours du 3e bloc annuel (20 credits)

○ LBIO1351	Ecology of individuals and populations	Thierry Hance Caroline Nieberding (coord.) Hans Van Dyck Renate Wesselingh	50h	4 Credits	1q		x
○ LGEO1332B	Biogéographie	Caroline Nieberding Renate Wesselingh	30h	2 Credits	2q		x
○ LBRAI2101B	Génétique quantitative et des populations: partie populations	Philippe Baret Xavier Draye	25h	2 Credits	1q		x

o Travaux pratiques intégrés d'écologie et de biogéographie

L'étudiant choisit au moins 4 crédits

⌘ LBIO1352A	Practical work in ecology and biogeography	Renate Wesselingh	15h+25h	4 Credits	1 + 2q		x
⌘ LBIO1352B	Practical work in ecology and biogeography	Renate Wesselingh	15h+25h	4 Credits	1 + 2q		x

o Cours au choix

L'étudiant complète son programme par 4 ou 8 crédits qu'il choisit dans la liste non exhaustive ci-dessous. Cependant, pour les cours choisis en dehors des programmes de cours proposés par les Facultés SC et AGRO, la commission de programme du bachelier en sciences biologiques se réserve le droit de valider ou non ces choix sur base de la justification circonstanciée que l'étudiant fournira.

⌘ LBIO1233	Animal physiology and morphology	Patrick Dumont Françoise Gofflot (coord.) René Rezsóhazy	30h+30h	5 Credits	2q		x
⌘ LBIO1332	Animal embryology	René Rezsóhazy	25h+15h	3 Credits	1q		x
⌘ LBIO1334	Comparative animal physiology	Patrick Dumont Françoise Gofflot Jérôme Mallefet	15h+35h	4 Credits	2q		x
⌘ LBIO1342	Plant morphogenesis	François Chaumont	20h+15h	3 Credits	2q		x
⌘ LBIO1343	Développement et morphogenèse végétales : contrôle génétique de la morphogenèse	François Chaumont	25h+15h	3 Credits	2q		x
⌘ LBIR1230A	Introduction à l'ingénierie de la biosphère: A	Philippe Baret Pierre Defourny Pierre Delmelle Bruno Delvaux	30h	3 Credits	2q		x

COURSE PREREQUISITES

A document entitled (nb: not available for this programme lbiol100p) specifies the activities (course units - CU) with one or more prerequisite(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 UCLouvain 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 Biology](#) [en-prog-2018-biol1ba]

Admission

Specific Admission Requirements

The approfondissement in biological science is open to students enrolled on the baccalaureate in biological sciences who have not already chosen the minor in chemistry in their second year.

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".

Contacts

Attention, you are currently reading an archived page: below contact informations were for program study 2018-2019 only. To get current contact informations please got to [current program study site](#).

Curriculum Management

Entity	
Structure entity	SST/SC/BIOL
Denomination	(BIOL) (https://uclouvain.be/repertoires/entites/biol)
Faculty	Faculty of Science (SC) (https://uclouvain.be/repertoires/entites/sc)
Sector	Sciences and Technology (SST) (https://uclouvain.be/repertoires/entites/sst)
Acronym	BIOL
Postal address	Croix du sud 4-5 - bte L7.07.05 1348 Louvain-la-Neuve Tel: +32 (0) 10 47 34 89 - Fax: +32 (0) 10 47 35 15
Web site	https://uclouvain.be/fr/facultes/sc/biol (https://uclouvain.be/fr/facultes/sc/biol)
Academic supervisor: André Lejeune	
Useful Contact(s)	<ul style="list-style-type: none"> • André Lejeune • Bernadette Gravy

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