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## Introduction

### Introduction

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## Teaching profile

## Learning outcomes

The programme is designed to provide skills which will help bachelors in chemistry to join the programmes for Masters in biochemistry and molecular and cellular biology.

## Detailed programme

## PROGRAMME BY SUBJECT

○ Mandatory

△ Courses not taught during 2015-2016

⊕ Periodic courses taught during 2015-2016

⊗ Optional

⊖ Periodic courses not taught during 2015-2016

■ Activity with requisites

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

Year

2 3

## o Cours de 2e année (15 credits)

○ LBIO1261D	Biophysique (1e partie)	Alain Cornet, Thierry Delbar, Patrick Gilon	45h+4h	4 Credits	1q	x	
○ LBIO1261E	Biophysique (2e partie)	Alain Cornet, Pierre Morsomme, Jean-François Rees (coord.)	26h	2 Credits	2q	x	
○ LBIO1232A	Physiologie et histologie animales : histologie	Bernard Knoops	20h+20h	2 Credits	1q	x	
○ LBIO1232B	Physiologie et histologie animales : physiologie	Patrick Dumont	20h	2 Credits	2q	x	
○ LMAT1275	Statistics in the natural sciences	Anouar El Ghouch	30h+30h	5 Credits	1q	x	

## o Cours de 3e année (15 credits)

○ LBIO1321	Molecular genetics	Bernard Hallet	35h+10h	4 Credits	1q	x	
○ LBIO1322A	Integrated tutorials in biochemistry and molecular genetics	Bernard Hallet, Patrice Soumillion	0h+45h	4 Credits	2q	x	
○ LBIO1311	Microbiology and virology	Claude Bragard, Pierre Wattiau	40h+15h	4 Credits	1q	x	

## o Cours au choix

L'étudiant choisit au moins 3 crédits parmi

⊗ LBIO1332	Animal embryology	René Rezsohazy	25h+15h	3 Credits	1q	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	
⊗ LBIO1281	Project	Françoise Gofflot, Pascal Hols, André Lejeune (coord.), Jean-François Rees, Hans Van Dyck	10h+35h	4 Credits	1 + 2q	x	

## ***COURSE PREREQUISITES***

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A document entitled [en-prerequis-2015-min-lbiol100i.pdf](#) 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***

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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?"

The document is available by clicking [this link](#) after being authenticated with UCL account.

## Information

### Liste des bacheliers proposant cette mineure

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> [Bachelor in Chemistry](#) [ en-prog-2015-chim1ba ]

### Contacts

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### Curriculum Managment

Entite de la structure BIOL

Acronyme	<b>BIOL</b>
Dénomination	Ecole de biologie
Adresse	Croix du sud 4-5 bte L7.07.05 1348 Louvain-la-Neuve Tél 010 47 34 89 - Fax 010 47 35 15
Site web	<a href="https://www.uclouvain.be/biol">https://www.uclouvain.be/biol</a>
Secteur	Secteur des sciences et technologies (SST)
Faculté	Faculté des sciences (SC)
Commission de programme	Ecole de biologie (BIOL)

**Academic Supervisor :** [André Lejeune](#)

**Jury:**

### Usefull Contacts

Secrétaire de l'Ecole de biologie (Baccalauréat) : [Bernadette gravy](#)

### Infos

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