

Table of contents

Introduction	2
Teaching profile	3
- Learning outcomes	3
- Detailed programme	4
- Programme by subject	4
- Course prerequisites	4
- The programme's courses and learning outcomes	5
Information	6
- Liste des bacheliers proposant cette mineure	6
- Admission	6
- Evaluation	6
- Contacts	6

Introduction

Introduction

Teaching profile

Learning outcomes

The programme is designed to provide skills in chemistry which will help bachelors in biology to take the option course in biochemistry of the Master in biochemistry and molecular and cellular biology.

Detailed programme

PROGRAMME BY SUBJECT

- Mandatory
 △ Courses not taught during 2019-2020
 ⊕ Periodic courses taught during 2019-2020
 ✘ Optional
 ⊖ Periodic courses not taught during 2019-2020
 ■ Activity with requisites

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

Year

2 3

o Contenu:

o Cours de 2e année (10 credits)

● LCHM1211	General Chemistry 2	Michel Devillers Geoffroy Hautier	45h+60h	8 Credits	2q	✘	
● LCHM1361	Introduction to polymer chemistry	Jean-François Gohy	22.5h	2 Credits	2q	✘	

o Cours de 3e année (20 credits)

● LCHM1331	Inorganic chemistry I	Michel Devillers Sophie Hermans (compensates Michel Devillers)	37.5h +7.5h	4 Credits	1q		✘
● LCHM1241D	Chimie organique 2 (2e partie)	Michael Singleton	30h	3 Credits	2q		✘
● LCHM1251B	Eléments de cristallographie et de spectroscopie moléculaire (partie Eléments de cristallographie)	Yaroslav Filinchuk	30h+10h	4 Credits	1q		✘
● LCHM1251C	Eléments de cristallographie et spectroscopie moléculaire (partie Eléments de spectroscopie moléculaire)	Sophie Hermans	30h+20h	4 Credits	2q		✘

o Cours au choix (5 credits)

L'étudiant-e peut choisir 5 crédits dans l'ensemble du programme de l'université en accord avec son conseiller aux études. Les cours ci-dessous sont recommandés :

✘ LCHM1311	Environmental chemistry	Alexandru Vlad	30h	3 Credits	2q		✘
✘ LCHM1300	Compléments de travaux pratiques en chimie	Benjamin Elias Yaroslav Filinchuk Sophie Hermans	0h+45h	3 Credits	2q		✘
✘ LCHM1391	Project	Benjamin Elias Charles-André Fustin Sophie Hermans Raphaël Robiette Alexandru Vlad	0h+90h	6 Credits	1q		✘
✘ LCHM1353	Quantum Chemistry	Geoffroy Hautier	22.5h +7.5h	3 Credits	1q		✘
✘ LCHM1320	Chimiometry		30h	3 Credits	2q	△	✘
✘ LESPO2100	Political economy	Alain De Crombrugge de Picquendaele	30h+15h	4 Credits	1q		✘

COURSE PREREQUISITES

A document entitled [en-prerequis-2019-min-lichim100i.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

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?*"

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

Information

Liste des bacheliers proposant cette mineure

> [Bachelor in Biology](#) [en-prog-2019-biol1ba]

Admission

Specific Admission Requirements

Special admission conditions

Subject to what can qualify as a bridging course, students from a non-university higher education institution (haute école) who have already studied chemistry may be able to join at a level dependent on their previous studies.

Redirection is possible from bachelor's degrees in science, bioengineering, human or veterinary medicine, biomedical sciences or pharmacy.

Special application rules

For redirection, application files should be sent to the Academic Secretary,
Place des sciences 2 - 1348 Louvain-la-Neuve

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".

Contacts

Curriculum Management

Entity

Structure entity

SST/SC/CHIM

Denomination

(CHIM)

Faculty

Faculty of Science (SC)

Sector

Sciences and Technology (SST)

Acronym

CHIM

Postal address

Place Louis Pasteur 1 - bte L4.01.07

1348 Louvain-la-Neuve

Tel: +32 (0) 10 47 40 45 - Fax: +32 (0) 10 47 28 36

<https://uclouvain.be/fr/facultes/sc/chim>

Web site

Academic supervisor: [Tom Leyssens](#)

Useful Contact(s)

- Study advisor for chemistry: [Benjamin Elias](#)
- Administrative manager for the annual program of the student registered in the Faculty of sciences: [Nathalie Micha](#)
- Secretary of the School of chemistry: [Françoise Somers](#)

