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MINCHIM - Introduction

Introduction

MINCHIM - 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 2020-2021

⊕ Periodic courses taught during 2020-2021

⊗ Optional

⊖ Periodic courses not taught during 2020-2021

■ Activity with requisites

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

Year

2 3

Content:

○ Cours de 2e année (11 credits)

○ LCHM1211	General Chemistry 2	Michel Devillers Tom Leysens (compensates Geoffroy Hautier)	45h+60h	8 Credits	q2	x	
○ LCHM1361	Introduction to polymer chemistry	Jean-François Gohy	22.5h	3 Credits	q2	x	

○ Cours de 3e année (16 credits)

○ LCHM1331	Inorganic chemistry I	Sophie Hermans (compensates Michel Devillers)	37.5h +7.5h	4 Credits	q1		x
○ LCHM1245B	Organic Chemistry 2: Heteroatomic Chemistry - (lectures and exercises)	Michael Singleton	30h+12h	4 Credits	q2		x
○ LCHM1253	Elements of crystallography	Yaroslav Filinchuk	30h+10h	4 Credits	q1		x
○ LCHM1254	Elements of molecular spectroscopy	Sophie Hermans	30h+20h	4 Credits	q2		x

○ Cours au choix (5 credits)

L'étudiant-e peut choisir 3 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	q2		x
⊗ LCHM1300	Compléments de travaux pratiques en chimie	Benjamin Elias Yaroslav Filinchuk Sophie Hermans	0h+45h	3 Credits	q2		x
⊗ LCHM1391	Project	Benjamin Elias Charles-André Fustin Sophie Hermans Raphaël Robiette Alexandru Vlad	0h+90h	6 Credits	q1		x
⊗ LCHM1353	Quantum Chemistry	Benoît Champagne (compensates Geoffroy Hautier)	22.5h +7.5h	3 Credits	q1		x
⊗ LCHM1320	Chimiometry	Manon Martin	30h	3 Credits	q2		x
⊗ LESPO2100	Political economy	Alain De Crombrughe De Picquendaele	30h+15h	4 Credits	q1		x

COURSE PREREQUISITES

There are no prerequisites between course units (CUs) for this programme, i.e. the programme activity (course unit, CU) whose learning outcomes are to be certified and the corresponding credits awarded by the jury before registration in another CU.

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?"*

MINCHIM - Information

Access Requirements

Specific access 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 (<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

Curriculum Management

Entity

Structure entity

SST/SC/CHIM

Denomination

(CHIM)

Faculty

Faculty of Science (SC)

Sector

Sciences and Technology (SST)

Acronym

CHIM

Postal address

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1348 Louvain-la-Neuve

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

Website

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Useful Contact(s)

- Benjamin Elias
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