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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.

Programme

DETAILED PROGRAMME BY SUBJECT

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫🌐 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

30 crédits

Year

2 3

Content:

○ Cours de 2e année (11 crédits)

○ LCHM1211	General Chemistry 2 <i>This course requires completion of course LCHM1111 (or equivalent) in the major.</i>	Yann Garcia Tom Leysens	FR [q2] [45h+60h] [8 Credits] 🌐	X	
○ LCHM1361	Introduction to polymer chemistry <i>This course requires completion of course LCHM1141 (or equivalent) in the major.</i>	Jean-François Gohy	FR [q2] [22.5h] [3 Credits] 🌐	X	

○ Cours de 3e année (16 crédits)

○ LCHM1331	Inorganic chemistry I	Sophie Hermans	FR [q1] [37.5h+7.5h] [4 Credits] 🌐		X
○ LCHM1245B	Organic Chemistry 2: Heteroatomic Chemistry - (lectures and exercises) <i>This course requires completion of courses LCHM1111 and LCHM1141 (or equivalents) in the major.</i>	Michael Singleton	FR [q2] [30h+12h] [4 Credits] 🌐		X
○ LCHM1253	Elements of crystallography	Yaroslav Filinchuk	FR [q1] [30h+10h] [4 Credits] 🌐		X
○ LCHM1254	Elements of molecular spectroscopy	Sophie Hermans	FR [q2] [30h+20h] [4 Credits] 🌐		X

○ Cours au choix (3 crédits)

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	EN [q2] [30h] [4 Credits] 🌐		X
⊗ LCHM1300	Additional practical work in chemistry	Benjamin Elias Yaroslav Filinchuk (coord.)	FR [q2] [0h+45h] [3 Credits] 🌐		X
⊗ LCHM1391	Project	Benjamin Elias Charles-André Fustin Raphaël Robiette Ludovic Troian-Gautier Alexandru Vlad	FR [q1] [45h+45h] [6 Credits] 🌐		X

Year

2 3

⌘ LCHM1320	Chimiometry <i>This course requires completion of courses LBIO1282 et LBIO1283 (or equivalents) in the major.</i>	Lieven Desmet	PR [q2] [30h] [4 Credits] 🌐	x
⌘ LESPO2100	Political economy		PR [q1] [30h+15h] [4 Credits] Δ 🌐	x

THE PROGRAMME'S COURSES AND LEARNING OUTCOMES

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the the skills expected of every graduate on completion of the programme. Course unit descriptions specify targeted learning outcomes, as well as the unit's contribution to reference framework of learning outcomes.

MINCHIM - Information

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

Denomination

Faculty

Sector

Acronym

Postal address

SST/SC/CHIM

(CHIM)

Faculty of Science (SC)

Sciences and Technology (SST)

CHIM

Place Louis Pasteur 1 - bte L4.01.07

1348 Louvain-la-Neuve

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

Website

Academic supervisor: Tom Leyssens

Useful Contact(s)

- Benjamin Elias
- Nathalie Micha

