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Introduction

Introduction

Teaching profile

Learning outcomes

The approfondissement in pharmaceutical science gives the opportunity to undertake an internship in a branch of the pharmaceutical industry (industry, laboratory, pharmacy, hospital or clinical biology) and gain a deeper understanding of certain areas of the subject (options).

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...)

Year

2 3

○ En deuxième année de bachelier

L'étudiant est tenu de suivre les cours suivants

| | | | | | | | |
|-------------|--|---|---------|-----------|---------|---|--|
| ○ LANGL1855 | Medical English | Timothy Byrne (coord.) Aurélié Deneumoustier Carlo Lefevre (coord.) | 30h | 3 Credits | 1 ou 2q | x | |
| ○ WFARM1219 | Biophysics applied to the drugs | Bernard Gallez (coord.) Marie-Paule Mingeot | 30h+15h | 3 Credits | 1q | x | |
| ○ WFARM1247 | Traitement statistique des données | Céline Bugli (compensates) Eugen Pircalabelu Eugen Pircalabelu | 15h+15h | 3 Credits | 2q | x | |
| ○ WFARM1239 | Computerized workshop and research on scientific information related to drugs. | Laure Bindels | 5h+10h | 2 Credits | 1q | x | |
| ○ WFARM1202 | Eléments d'épidémiologie appliquées aux sciences pharmaceutiques | Séverine Henrard | 20h | 2 Credits | 2q | x | |
| ○ WMDS1213G | Psychologie générale et médicale (partim psychologie générale) | | 15h | 2 Credits | 1q | x | |

○ En troisième année de bachelier

Dans le cadre de l'approfondissement en sciences pharmaceutiques, l'étudiant est tenu de choisir l'une des deux possibilités suivantes. Un transfert vers le programme de l'approfondissement en sciences pharmaceutiques - recherche est toutefois possible.

✘ Poursuite de l'approfondissement (15 credits)

| | | | | | | | |
|-------------|---|--|--------|-----------|----|---|--|
| ○ WFARM1309 | Introduction to the pharmaceutical world, including internships | Valérie Lacour Marie-Paule Mingeot (coord.) Giulio Muccioli Stéphanie Quennery Rita Vanbever Pierre Wallemacq | 7.5h | 5 Credits | 2q | x | |
| ○ WFARM1349 | Integrated Seminar in Pharmaceutical Sciences | Nathalie Delzenne Raphaël Frédéric (compensates) Didier Lambert Emmanuel Hermans (coord.) Bénédicte Jordan (compensates) Nathalie Delzenne Didier Lambert Marie-Paule Mingeot | 0h+45h | 4 Credits | 2q | x | |

○ Cours au choix de l'approfondissement FARM (6 credits)

L'étudiant choisit des cours dans la liste ci-dessous pour une valeur de 6 crédits. Ces cours spécifiques de la filière en sciences pharmaceutiques permet à l'étudiant d'approfondir ses acquis dans divers domaines relatifs entre autres au développement, à l'analyse et à la pharmacocinétique des médicaments d'origine synthétique ou naturelle.

| | | | | | | | |
|-------------|----------------------------------|---|--------|-----------|----|---|--|
| ✘ WFARM1319 | Pharmacognosy, case studies | Joëlle Leclercq | 15h | 2 Credits | 2q | x | |
| ✘ WFARM1329 | Advanced instrumental analysis | Marie-France Herent Giulio Muccioli (coord.) | 0h+30h | 2 Credits | 2q | x | |
| ✘ WFARM1339 | Compléments de pharmacocinétique | Laure Elens | 15h | 2 Credits | 2q | x | |

| | | | | | | | Year | |
|-------------|---|---|---------|-----------|----|--|------|---|
| | | | | | | | 2 | 3 |
| ⌘ WFARM1359 | Drug design en chimie pharmaceutique | Raphaël Frédéric (coord.) Didier Lambert | 15h | 2 Credits | 2q | | x | |
| ⌘ WFARM1369 | Evaluation de la biodistribution et de l'effet d'un médicament par des méthodes non invasives | Bernard Gallez | 15h | 2 Credits | 2q | | x | |
| ⌘ WFARM1379 | Seminars of Clinical Chemistry | Catherine Fillee Damien Gruson Vincent Haufroid Teresinha Leal (coord.) Diane Maisin Marie-Françoise Vincent Pierre Wallemacq | 0h+30h | 2 Credits | 2q | | x | |
| ⌘ WFARM1370 | Formation à la communication scientifique | Timothy Byrne (coord.) Olivia Dalleur | 15h+30h | 4 Credits | 2q | | x | |

⌘ Formation minimale à l'étranger (15 crédits)

L'étudiant qui réalise une partie de son parcours à l'étranger (de l'ordre de 30 crédits) pourra intégrer une partie de ce parcours dans son programme, en lieu et place des 15 crédits de l'approfondissement en sciences pharmaceutiques.

| | | | | | | | |
|-------------|---|--|--|------------|--|--|---|
| ○ WFARM1399 | Formation minimale à l'étranger (ERASMUS) | | | 15 Credits | | | x |
|-------------|---|--|--|------------|--|--|---|

COURSE PREREQUISITES

A document entitled (nb: not available for this programme wfarm100p) 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?*"

Information

Liste des bacheliers proposant cette mineure

> [Bachelor in Pharmacy](#) [en-prog-2018-farm1ba]

Admission

Specific Admission Requirements

The approfondissement in pharmaceutical sciences accessible to students enrolled on the baccalaureate in pharmaceutical science, without access criteria.

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".

Possible trainings at the end of the programme

This training alone does not provide access to the Master's in Pharmaceutical Science.

For students who have undertaken similar training to that offered by the baccalaureate in pharmaceutical science, it may be possible to be accepted onto the Master's in Pharmaceutical Science if a request is made to the admission's committee (via the secretariat : celis@sfar.ucl.ac.be/UCL73.00, Av. Mounier, 73 at 1200 Bruxelles) and the student takes additional courses set by the committee.

