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## Introduction

### Introduction

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## 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 2016-2017  
 Periodic courses taught during 2016-2017
- Optional  
 Periodic courses not taught during 2016-2017  
 Activity with requisites

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

Year

**2** **3**

#### o En deuxième année de bachelier

L'étudiant est tenu de suivre les cours suivants

<input type="radio"/> LANGL1855	Medical English	Timothy.Byrne (coord.) Carlo.Lefevre (coord.)	30h	3 Credits	1 ou 2q	X	
<input type="radio"/> WFARM1219	Biophysics applied to the drugs	Bernard.Gallez (coord.) Marie-Paule.Mingeot	30h+15h	3 Credits	1q	X	
<input type="radio"/> WFARM1247	Traitement statistique des données	Celine.Bugli (compensates Ingrid Van Keilegom) Ingrid.Vankeilegom	15h+15h	3 Credits	2q	X	
<input type="radio"/> WFARM1239	Computerized workshop and research on scientific information related to drugs.	Patrice.Cani	5h+10h	2 Credits	1q	X	
<input type="radio"/> WMD1200T	Eléments d'épidémiologie (théorie)		20h	2 Credits	2q	X	
<input type="radio"/> WMDS1213G	Psychologie générale et médicale (partim psychologie générale)		15h	2 Credits	1q	X	

#### o En troisième année de bachelier

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

#### ⊗ Poursuite de l'approfondissement (15 crédits)

<input type="radio"/> WFARM1309	Introduction to the pharmaceutical world, including internships	Valerie.Lacour Marie-Paule.Mingeot (coord.) Giulio.Muccioli Stefanie.Quennery Rita.Vanbever Pierre.Wallemacq	7.5h	5 Credits	2q	X	
<input type="radio"/> WFARM1349	Integrated Seminar in Pharmaceutical Sciences	Nathalie.Delzenne Emmanuel.Hermans (coord.) Benedicte.Jordan Didier.Lambert Marie-Paule.Mingeot Giulio.Muccioli	0h+45h	4 Credits	2q	X	

#### o Cours au choix de l'approfondissement FARM (6 crédits)

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.

							Year	
							2	3
⌘ WFARM1319	Pharmacognosy, case studies	Joelle.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	
⌘ WFARM1359	Drug design en chimie pharmaceutique	Raphael.Frederick (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	Vincent.Haufroid Teresinha.Leal Marianne.Philippe Marie-Francoise.Vincent Pierre.Wallemacq (coord.)	0h+30h	2 Credits	2q		x	
⌘ WFARM1370	Formation à la communication scientifique	Timothy.Byrne (coord.) Olivia.Dalleur Barbara.Reutemann (compensates 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 sa mineure d'approfondissement en sciences pharmaceutiques.

○ WFARM1399	Formation minimale à l'étranger (ERASMUS)			15 Credits			x
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## COURSE PREREQUISITES

A document entitled [en-prerequis-2016-app-wfarm100p.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 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 Pharmacy](#) [ en-prog-2016-farm1ba ]

### Admission

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

### Possible trainings at the end of the programme

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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.

### Infos

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