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## APPFARM - Introduction

### Introduction

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## APPFARM - 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).

### Programme

#### DETAILED PROGRAMME BY SUBJECT

- Mandatory
- ⊗ Optional
- △ Not offered in 2022-2023
- ⊖ Not offered in 2022-2023 but offered the following year
- ⊕ Offered in 2022-2023 but not the following year
- △ ⊕ Not offered in 2022-2023 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

#### o Content:

##### o Deuxième bloc annuel de bachelier

○ LANGL1855	Medical English	Timothy Byrne (coord.) Aurélie Deneumoustier Carlo Lefevre (coord.)	EN [q1 or q2] [30h] [3 Credits] 🌐	X	
○ WFARM1219	Biophysics applied to the drugs	Bernard Gallez (coord.) Joseph Lorent	FR [q1] [30h+15h] [3 Credits] 🌐	X	
○ WFARM1247	Traitement statistique des données	Eugen Pircalabelu	FR [q2] [15h+15h] [3 Credits] 🌐	X	
○ WFARM1239	Computerized workshop and research on scientific information related to drugs.	Roberta Gualdani (compensates Laure Bindels)	FR [q1] [5h+10h] [2 Credits] 🌐	X	
○ WFARM1202	Eléments d'épidémiologie appliquée aux sciences pharmaceutiques et biomédicales	Marie Lambert (compensates Séverine Henrard)	FR [q2] [20h] [2 Credits] 🌐 > English-friendly	X	
○ WFARM1290	Communication professionnelle en santé	Olivier Costa Muriel Rocour (coord.) Stephan Van den Broecke	FR [q2] [15h+10h] [2 Credits] 🌐	X	

##### o Troisième bloc annuel de bachelier

Dans le cadre du complément à la majeure en bloc annuel 3, l'étudiant choisit soit de poursuivre l'approfondissement débuté en 2e bloc annuel, soit de bifurquer de l'approfondissement en sciences pharmaceutiques vers l'approfondissement en sciences pharmaceutiques - recherche, soit de réaliser une partie de sa formation à l'étranger (Erasmus).

##### ⊗ Poursuite de l'approfondissement (9 crédits obligatoires et 6 crédits au choix) (15 credits)

○ WFARM1309	Internships in the pharmaceutical world	Ahalieyah Anantharajah Lidvine Boland Giulio Muccioli (coord.) Stefanie Quennery Stéphanie Valentin	FR [q2] [7.5h] [5 Credits] 🌐	X	X
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				Year	
				2	3
○ WFARM1349	Integrated Seminar in Pharmaceutical Sciences	Mireille Al Houayek (compensates) Raphaël Frédérick Emmanuel Hermans Bénédicte Jordan Joseph Lorent Giulio Muccioli	ER [q2] [45h] [4 Credits] > English-friendly		x

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

L'étudiant choisit 6 crédits dans la liste ci-dessous.

⌘ WFARM1319	Pharmacognosy, case studies	Joëlle Leclercq	ER [q2] [15h] [2 Credits] > English-friendly		x
⌘ WFARM1329	Advanced instrumental analysis	Marie-France Herent Giulio Muccioli (coord.)	ER [q2] [20h+10h] [2 Credits] > English-friendly		x
⌘ WFARM1339	Compléments de pharmacocinétique	Laure Elens	ER [q2] [15h] [2 Credits] > English-friendly		x
⌘ WFARM1359	Drug design en chimie pharmaceutique	Raphaël Frédérick (coord.) Didier Lambert Séverine Ravez (compensates) Raphaël Frédérick	ER [q2] [15h] [2 Credits] > English-friendly		x
⌘ WFARM1369	Evaluation de la biodistribution et de l'effet d'un médicament par des méthodes non invasives	Bernard Gallez	ER [q2] [15h] [2 Credits]		x
⌘ WFARM1379	Seminars of Clinical Chemistry	Joseph Dewulf Catherine Fillee Damien Gruson (coord.) Vincent Haufroid Diane Maisin	ER [q2] [0h+30h] [2 Credits]		x
⌘ WFARM1370	Formation à la communication scientifique	Timothy Byrne (coord.) Olivia Dalleur Aurélié Deneumoustier	ER [q2] [15h+30h] [4 Credits]		x

### ⌘ Formation partielle à l'étranger (Erasmus) (27 crédits)

L'étudiant autorisé à réaliser une partie de son parcours à l'étranger au 2e quadrimestre du 3e bloc annuel est dispensé de 12 crédits de la majeure et de 15 de l'approfondissement. Le programme suivi à l'étranger est déterminé en accord avec le responsable académique du programme de l'UCLouvain. Pour plus de renseignements, consulter la rubrique internationalisation et s'adresser au secrétariat de l'école de pharmacie.

## 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.

## APPFARM - Information

### Access Requirements

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

### Evaluation

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***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".***

### Possible trainings at the end of the programme

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Integrated into the bachelor's program in pharmaceutical sciences, this training gives access to the Master in pharmaceutical sciences. This training alone cannot give access to the master in pharmaceutical sciences. For students with a training close to the bachelor's program in pharmaceutical sciences, access to the Master in pharmaceutical sciences can be considered after request to the admissions committee. Additional training could be determined by this commission.

