

At Bruxelles Woluwe - 120 credits - 2 years - Day schedule - In French

Dissertation/Graduation Project : **YES** - Internship : **YES**

Activities in English: **NO** - Activities in other languages : **NO**















Activities on other sites : **NO**

Main study domain : **Sciences biomédicales et pharmaceutiques**

Organized by: **Faculty of Pharmacy and Biomedical Sciences (FASB)**

FARM2M - Introduction

Introduction

				Year	
				1	2
○ WFARM2117	Analyse et contrôle de qualité des médicaments	Joëlle Leclercq (coord.) Giulio Muccioli	FR [q1] [30h] [3 Credits]  > English-friendly	X	
○ WFARM2118	Chimie médicinale	Giulio Muccioli (coord.) Séverine Ravez (compensates) Raphaël Frédéric Quentin Spillier (compensates) Didier Lambert	FR [q2] [30h] [3 Credits]  > English-friendly	X	
○ WFARM2139	Pharmacokinetic, genomics and toxicology	Laure Bindels (coord.) Laure Elens Vincent Haufroid	FR [q1] [37.5h] [4 Credits]  > English-friendly	X	
○ WFARM2149	Pharmaceutical approach in nutrition	Nathalie Delzenne	FR [q2] [30h+15h] [3 Credits]  > English-friendly	X	
○ WFARM2156	Pharmacie galénique 1re partie	Anne des Rieux	FR [q1] [40h] [5 Credits]  > English-friendly	X	
○ WFARM2157	Pharmacie galénique 2e partie	Anne des Rieux (coord.) Rita Vanbever	FR [q2] [20h+28h] [5 Credits]  > English-friendly	X	
○ WFARM2114	Pharmacologie spéciale et éléments de pharmacothérapie 1re partie	Olivier Feron Emmanuel Hermans Jean-Christophe Jonas Françoise Van Bambeke (coord.)	FR [q1] [30h] [3 Credits]  > English-friendly	X	
○ WFARM2116	Pharmacologie spéciale et éléments de pharmacothérapie 2e partie	Chantal Dessy Olivier Feron Françoise Van Bambeke (coord.)	FR [q2] [26h] [3 Credits]  > English-friendly	X	
○ WFARM2111	Séminaire de pharmacothérapie intégrée (1re partie)	Chantal Dessy Nathalie Dujardin Olivier Feron Emmanuel Hermans Muriel Rocour Anne Spinewine Françoise Van Bambeke (coord.)	FR [q1+q2] [30h+15h] [5 Credits]  > English-friendly	X	
○ WFARM2236	Pharmacie et société	Catherine Druetz Alain Loute Christian Léonard Thierry Roisin Anne Spinewine (coord.)	FR [q1] [37.5h] [4 Credits] 		X
○ WFARM2239	Sémiologie	Marie Baeck Benoît Boland (coord.) Pascale Cornette Thierry Detaille	FR [q1] [30h] [4 Credits] 		X
○ WFARM2256	Soins pharmaceutiques en officine et stage 	Leïla Belkhir Nathalie Dujardin Muriel Rocour Anne Thiry Henri Thonon Stéphanie Valentin (coord.)	FR [q1+q2] [20h+40h] [12 Credits] 		X
○ WFARM2209	Mémoire en sciences pharmaceutiques		FR [] [] [18 Credits] 		X

Year

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o Content:

○ WFARM2135	Seminary and practical exercises integred of pharmaceutical sciences	Anne des Rieux Laure Elens Raphaël Frédéric Joëlle Leclercq Giulio Muccioli (coord.)	PR [q1+q2] [0h+160h] [9 Credits]	X
○ WFARM2196	Rational therapeutic choices (Introduction to evidence-based medicine and pharmacoconomy)	Noémie Defourny (compensates) Séverine Henrard Nathalie Dujardin Anne Spinewine (coord.)	PR [q1] [30h+10h] [4 Credits]	X
○ WFARM2134	Gestion des situations aigües	Pierre Bulpa (coord.) Maximilien Gourdin Patrick Honoré Henri Thonon	PR [q2] [15h] [2 Credits]	X
○ WFARM2235	PRACTICAL TRAINING IN PHARMACEUTICAL TECHNOLOGY	Anne des Rieux	PR [q1] [0h+120h] [5 Credits]	X
○ WFARM2211	Séminaire de pharmacothérapie intégrée (2e partie)	Olivia Dalleur CCr 0 0 -1 0 0 cm 0 0 m0 0 ress8400078 19.10600046 Tm [(Natrick Honoré)] TJ		

o **Contenu:**o **Cours obligatoires (10 credits)**

WFARM2123	Complément de pharmacothérapie	Chantal Dessy François Duhoux Nathalie Dujardin Anne Spinewine (coord.) Aline Wertz	10 [q2] [30h+15h] [3 Credits]	X
WFARM2504	DERMOPHARMACY	Marie Baeck (coord.) Laurence De Montjoye Anne Herman Liliane Marot Isabelle Tromme	10 [q1] [22.5h] [3 Credits]	X
WFARM2210	Contact en milieu professionnel (stage 1 mois)	Giulio Muccioli (coord.)	10 [q1] [] [4 Credits]	X

o **Cours au choix (6 credits)**

L'étudiant choisit 2 cours dans la liste suivante. Avec l'accord du conseiller aux études, un autre cours pourrait être choisi mais la compatibilité horaire avec l'ensemble du programme pourrait ne pas être assurée.

WFARM2507	Introduction to pharmaceutical management	Yannick Biot	10 [q2] [22.5h] [3 Credits]
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OPTION INNOVATION ET CONCEPTION DU MÉDICAMENT [16.0]

En envisageant les premiers stades de développement du médicament, depuis sa découverte jusqu'aux étapes de recherche préclinique, cette option met l'accent sur la conception des futurs nouveaux médicaments dans les laboratoires de recherche.

- 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 \(objectives, methods, evaluation...\)](#)

Year

OPTION PRODUCTION, CONTRÔLE ET RÉGLEMENTATION [16.0]

Cette option regroupe les cours en rapport immédiat avec les activités spécifiques des pharmaciens dans l'industrie.

- 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...)

Year

1 2

o Content:**o Cours obligatoires (10 credits)**

○ WFARM2104	GOOD MANUFACTURING AND QUALITY	Joëlle Leclercq (coord.) Thierry Ponce	FR [q2] [30h+15h] [3 Credits] 🌐 > English-friendly	X	
○ WFARM2266	Analysis of biotechnology drugs	Laure Bindels Giulio Muccioli (coord.)	FR [q1] [22.5h] [3 Credits] 🌐 > English-friendly		X
○ WFARM2210	Contact en milieu professionnel (stage 1 mois)	Giulio Muccioli (coord.)	FR [q1] [] [4 Credits] 🌐		X

o Cours au choix (6 credits)

L'étudiant choisit 2 cours dans la liste suivante. Avec l'accord du conseiller aux études, un autre cours pourrait être choisi mais la compatibilité horaire avec l'ensemble du programme pourrait ne pas être assurée.

⊗ WFARM2506	Formes pharmaceutiques et biodisponibilité	Ana Beloqui Garcia Laure Elens (coord.)	FR [q2] [22.5h] [3 Credits] 🌐 > English-friendly	X	
⊗ WFARM2508	Isolation and Structural Analysis of Natural Products	Joëlle Leclercq (coord.) Giulio Muccioli	FR [q2] [22.5h] [3 Credits] 🌐 > English-friendly	X	
⊗ WFARM2512	NEW DRUG DELIVERY SYSTEMS				

OPTION BIOPHARMACIE ET PHARMACOTOXICOLOGIE [16.0]

Supplementary classes

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Diplômes équivalents au bachelier en sciences pharmaceutiques

Access based on application

Connaissance du français

Specific professional rules

These studies lead to a professional title subject to specific rules or restrictions on professional accreditation or establishment.

You will find the necessary legal information by [clicking here](#).

Teaching method

The teaching provided on the Master in Pharmacy programme is based on a variety of teaching methods enabling an integrated approach to the theory and practical aspects of the different disciplines relating to the professions of pharmacist and pharmaceutical researcher.

The theory classes are aimed at developing a specialised knowledge base in pharmacy using simple and complex practical examples of pharmaceutical problems. A number of compulsory and elective theory classes are also associated with a cross-functional activity integrating different disciplines by means of practical work in laboratories, seminars and case studies, during which the students become actively involved in their own learning.

Several teaching units invite the students to learn about pharmacy through individual or group work. The aim of such work is to develop skills in self-learning, summarising and communication. Another objective is to produce a thesis in which the students address, in a detailed and integrated manner, an original question related to one or more pharmaceutical fields, under the guidance of an expert in this area.

In the Research focus, the Master in Pharmacy teaching enables the students to work in a research laboratory or clinical pharmacy service, where they can discover the world of research through individual work based on experimentation and data analysis.

The training also includes a 6-month work placement in a dispensary, enabling the students to learn about the profession on their own and under the guidance of a pharmacist. An orientation placement, also compulsory, enables them to discover the other facets of the pharmacist's profession in society.

The theory-based and practical training involves pharmacy experts throughout the academic programme. This specialist supervision ensures a balance between the expected learning outcomes and current expectations of society in the field of pharmacy.

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".

Each course is subject to one or more evaluations, in the form of written and/or oral exams, organised in two main sessions: one in January and the other in June. The September session is a re-sit opportunity.

The specific details of the exam are communicated to the students at the start of each course. These evaluations are intended to assess the learning outcomes defined in the course objectives. With regard to the practical elements of the training (practicals, seminars and projects), the evaluation is ongoing and may include a final assessment. It places the emphasis on expertise in the fields of health science and pharmacy and on the students' ability to tackle a pharmaceutical problem using a scientific approach.

The evaluation of certain seminars and work is aimed at appraising the incorporation of the different pharmacy disciplines by the students. Finally, the Master's programme culminates in an integrated interdisciplinary oral exam in which the student has to analyse a prescription for one or more medications from various pharmaceutical perspectives (in particular: chemistry, galenics and pharmacology).

To obtain the average, the marks obtained for the teaching units are weighted by their respective credits.

Mobility and/or Internationalisation outlook

Apart from studying for a whole year at another university (mainly Erasmus scheme) the option courses (all or some) or certain placements and/or research seminars may be replaced by a placement abroad (Erasmus scheme or similar).

The course on Health Economics and Pharmacoeconomics (2 credits) is a new course developed in partnership with KULeuven and is to be held partly at both sites.

The different option courses are accessible to bachelors in pharmacy from other Belgian or foreign as well as bachelors from other schools and faculties at UCL or other Belgian or foreign universities, subject to the agreement from the admission committee (delphine.delhaye@uclouvain.be). The whole, or part of, the study programme for the Master in Pharmacy is open to foreign students under the Erasmus exchange scheme or other equivalents, subject to the agreement of the Erasmus coordinator (veronique.preat@uclouvain.be).

The Pharmacy School has ERASMUS agreements with the following universities :

Germany (Saarbrücken) ; Spain (Alcala de Henares, Madrid, Santiago de Compostela) ; France (Lille and Lyon) ; Greece (Patra) ; Italy (Bologna, Parma, Pisa) ; Netherlands (Utrecht) ; Portugal (Coïmbra) ; United Kingdom (Bath).

Possible trainings at the end of the programme

Graduates of the Master in Pharmaceutical Sciences have access to the following training courses subject to any special conditions indicated therein (see these programs):

Advanced Masters :

Advanced Master in Clinical Biology

Advanced Master in Industrial Pharmacy

Advanced Master in Hospital Pharmacy

Doctoral programmes :

Doctorate in pharmacy

Doctorate in biomedical sciences

Certificates

University Certificate in pharmacy

University Certificate in pharmaceutical engineering and industrial technology

University Certificate in clinical pharmacy

University Certificate in radiopharmacy

Contacts

Curriculum Management

Entity

Structure entity

SSS/FASB/FARM

Denomination

(FARM)

Faculty

Faculty of Pharmacy and Biomedical Sciences (FASB)

Sector

Health Sciences (SSS)

Acronym

FARM

Postal address

Avenue Mounier 73 - bte B1.73.03

1200 Woluwe-Saint-Lambert

Tel: +32 (0)2 764 73 60

Academic supervisor: [Françoise Van Bambeke](https://uclouvain.be/repertoires/francoise.vanbambeke) (https://uclouvain.be/repertoires/francoise.vanbambeke)

Jury

- Président du jury d'examens Master: [Emmanuel Hermans](https://uclouvain.be/repertoires/emmanuel.hermans) (https://uclouvain.be/repertoires/emmanuel.hermans)
- Secrétaire du jury d'examens Master: [Olivier Feron](https://uclouvain.be/repertoires/olivier.feron) (https://uclouvain.be/repertoires/olivier.feron)

Useful Contact(s)

- Conseiller aux études: [Marie-France Herent](https://uclouvain.be/repertoires/marie-france.herent) (https://uclouvain.be/repertoires/marie-france.herent)
- Contact: secretariat-farm@uclouvain.be

