



# Master in Pharmacy

## Focus Professional

MA-PHAR | M-PHARS | 2024-2025

The 2024-2025 programme is subject to change. It is provided for information purposes only.

### Programme mnemonic

MA-PHAR

> Focus *Professional* : M-PHARS

### Exists also in

> Focus *Professional (Mons)* : M-PHARW

### Studies level

Master 120 credits

### Learning language

french

### Schedule

office hours

### Studies category / subcategory

Health / Biomedical and pharmaceutical sciences

### Campus

Plaine

design through to their use, pharmacists are thorough, careful scientists. They have particularly good analytical skills in their areas of competence and are perfectly integrated into modern society, which has high health care demands and is concerned about cost and accessibility issues.

## Programme's added value

The course provides a mix of high quality training and learning for a multi-faceted job which is rapidly changing. The division into two options means that students can gear the final stages of their courses towards activities and placements which will prepare them for existing opportunities while still covering a comprehensive range of subjects. The Faculty of Pharmacy attaches a great deal of importance to pharmacy itself, as a result of the many practicing pharmacists who teach there. At the same time, it is open to other disciplines from the fields of health science, including medicine.

Practical training, up-to-date teaching practices with project-based learning and role-playing seminar to concretely learn the role of chemist.

## Programme objectives

The Master in Pharmacy is the final step leading to the qualification of pharmacist, which allows graduates to work in the profession. Since pharmacy offers many different opportunities, the course is not only tailored to the internationally recognised training standards for high street and hospital pharmacy, which is a traditional path for pharmacy graduates, but also covers a range of other activities which provide career opportunities, such as jobs in the pharmaceutical industry, analytical laboratories, (clinical biology, food/nutrition, toxicology, etc.), clinical pharmacy or scientific research in the fields of biomedical and pharmaceutical sciences. Their training means that pharmacists are really the only specialists in medicinal products working for patients and their health. Their theoretical and practical knowledge is highly appreciated since it focuses on promoting and protecting human health in line with particularly strict quality standards. As the person responsible for medicines which people take, from their

## Teaching methods

Lectures, seminar, laboratory and project-based learning

## Succeed in your studies

### Choose

The information and guidance counsellors at the InfOR-études [<https://www.ulb.be/en/studies-info-desk-1>] service will help you choose your studies throughout the year.

### Succeed

Take part in preparatory courses [<https://www.ulb.be/en/studies-info-desk-1>] or get help to succeed [<https://www.ulb.be/en/studies-info-desk-1>], before or during your studies.

### Get help



Apply for financial aid, look for accommodation or a student job, get support [<https://www.ulb.be/fr/aides-services-et-accompagnement/aid-services-and-support-1>] for your specific needs.

## Job opportunities

- > Chemist in high street or hospital pharmacy
- > Chemist in pharmaceutical industries
- > Analyst
- > Expert at the federal agency for medicines and health product or or the Ministry of Health and Welfare
- > Chemists in private or public insurance company

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### Jury President

Karim AMIGHI

### Jury Secretary

Carine DE VRIESE



# Master in Pharmacy

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### Bloc 1 | M-PHARS | MA-PHAR

## Cours obligatoires

- MEDI-J401 **Toxicologie** | Véronique MATHIEU (Coordinator)  
 5 credits [lecture: 20h, tutorial classes: 12h, personal assignments: 16h] first and second terms French
- MEDI-J402 **Biochimie médicale et éléments d'hématologie** | Frédéric COTTON (Coordinator)  
 5 credits [lecture: 54h, tutorial classes: 6h] first and second terms French
- PHAR-J401 **Etude des médicaments : médicaments organiques 2** | Pierre VAN ANTWERPEN (Coordinator)  
 5 credits [lecture: 34h, personal assignments: 26h] first term French
- PHAR-J402 **Nutrition humaine** | Carine DE VRIESE (Coordinator)  
 5 credits [lecture: 36h, practical work: 24h] second term French
- PHAR-J4040 **Technologie pharmaceutique - Pharmacie galénique et magistrale** | Karim AMIGHI (Coordinator)  
 10 credits [lecture: 84h] first and second terms French
- PHAR-J4041 **Technologie pharmaceutique - Pharmacie galénique et magistrale - pratique** | Karim AMIGHI (Coordinator)  
 5 credits [practical work: 60h] first term French
- PHAR-J413 **Etude des médicaments : médicaments organiques 2** | Pierre VAN ANTWERPEN (Coordinator)  
 5 credits [practical work: 60h] first term French
- PHAR-J430 **Etude des médicaments : pharmacologie spéciale et pharmacothérapie** | Ingrid LANGER (Coordinator)  
 5 credits [lecture: 48h] first term French

*An alternative chosen from the two following*

## Module projet pharmaceutique transdisciplinaire

- PHAR-J414 (optional) **Approche pratique de la biochimie médicale et de la toxicologie clinique expérimentale** | Véronique MATHIEU (Coordinator) and Frédéric COTTON  
 5 credits [practical work: 60h] second term French
- TRAN-J412 (optional) **Projet pharmaceutique transdisciplinaire** | Pierre VAN ANTWERPEN (Coordinator), Karim AMIGHI, Frédéric COTTON, Carine DE VRIESE, François DUFRASNE, Jonathan GOOLE, Ingrid LANGER, Véronique MATHIEU and Florence SOUARD  
 10 credits [tutorial classes: 60h, practical work: 48h, personal assignments: 48h] first and second terms French

*or*

## Module projet de recherche

- TRAN-J413 (optional) **Introduction à la pratique professionnelle : recherche et officine** | Véronique FONTAINE (Coordinator), Cédric Delporte and Stéphanie POCHET  
 15 credits [practical work: 108h, personal assignments: 48h] second term French

# Master in Pharmacy

## Focus Professional

### Bloc 2 | M-PHARS | MA-PHAR

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- PHAR-J501 **Législation, déontologie et éthique pharmaceutique** | Carine DE VRIESE (Coordinator)  
 5 credits [lecture: 36h, workshop: 4h] 📅 first term 🗨️ French
- PHAR-J502 **Pharmacie clinique, conseil et suivi pharmaceutique** | Carine DE VRIESE (Coordinator)  
 5 credits [lecture: 36h, seminars: 16h] 📅 first and second terms 🗨️ French
- PHAR-J550 **Développement professionnel et communication en santé** | Carine DE VRIESE (Coordinator), Véronique FONTAINE, Delphine MARTINY, Stéphanie POCHET and Florence SOUARD  
 5 credits [lecture: 20h, tutorial classes: 40h, seminars: 8h] 📅 first term 🗨️ French
- PHAR-J562 **Stage officiel** | Karim AMIGHI (Coordinator), Carine DE VRIESE and Florence SOUARD  
 20 credits [work placement: 999h] 📅 first and second terms 🗨️ French

*An alternative chosen from the three following*

#### Module Officine

- MEMO-J520 (optional) **Mémoire et stage dans la filière officine** | François DUFASNE (Coordinator)  
 15 credits [mfe/tfe: 288h] 📅 second term 🗨️ French
- PHAR-J900 (optional) **Cours à option officine** | Karim AMIGHI (Coordinator), Francis CORAZZA, Frédéric COTTON, Carine DE VRIESE, Gilles JOURQUIN, Athanassios KOLIVRAS, Véronique MATHIEU, Florence SOUARD, Caroline STEVIGNY, Pierre VAN ANTWERPEN and Marc VAN NUFFELEN  
 10 credits [lecture: 108h, tutorial classes: 108h, practical work: 12h] 📅 first term 🗨️ French

*or*

#### Module Développement

- MEMO-J521 (optional) **Mémoire et stage dans la filière développement du médicament** | François DUFASNE (Coordinator)  
 15 credits [mfe/tfe: 288h] 📅 second term 🗨️ French

*One course chosen from the following*

- PHAR-J901 (optional) **Cours à option développement du médicament** | Karim AMIGHI (Coordinator), Frédéric COTTON, Jacques DUBOIS, François DUFASNE, Cédric Delporte, Véronique FONTAINE, Jonathan GOOLE, Gilles JOURQUIN, Véronique MATHIEU, Pierre VAN ANTWERPEN, Marc VAN NUFFELEN and Nathalie WAUTHOZ  
 10 credits [lecture: 124h, tutorial classes: 56h, practical work: 48h, seminars: 2h, personal assignments: 4h] 📅 first term 🗨️ French
- PHAR-J902 (optional) **Interfaculty & interdisciplinary program in translational medicine** | Hilde STEVENS (Coordinator)  
 10 credits [lecture: 40h, tutorial classes: 20h] 📅 second term 🗨️ French

*or*

## Module Recherche

MEMO-J522  
(optional)

**Mémoire et stage de recherche (3 mois)** | François DUFRASNE (Coordinator), Véronique MATHIEU and Franck MEYER

🕒 25 credits [personal assignments: 400h] 📅 second term 🗨️ French

