



MS-PHAP | 2024-2025

# Specialized Master in Hospital Pharmacy

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

## Programme mnemonic

MS-PHAP

## Studies level

Advanced master

## Learning language

french

## Schedule

office hours

## Studies category / subcategory

Health / Biomedical and pharmaceutical sciences

## Campus

Outside campus ULB and Erasme

## Programme's added value

The Advanced Master Degree in Hospital Pharmacy is a 3 parts of program jointly managed by the Université libre de Bruxelles and the University of Liège. The program has been extensively modified and fully abides to the new regulations of the Ministerial Decree of October 22 2012 and the degree is required in order to get the accreditation as a hospital pharmacist. The program is rather wide and includes major aspects of clinical pharmacy as well as major concepts of pharmaceutical care.

Inside the country, the university has developed a network of general hospitals at various locations in the French-speaking part of Belgium.

Outside the country the university has developed international collaborations in hospital pharmacy (Switzerland, Canada).

## Teaching methods

Ex cathedra courses, tutorials of problem based learning

## International/Openness

The Université libre de Bruxelles has developed collaboration with the University of Geneva (Switzerland) and the University of Montreal (Canada).

Hospitals which are members of the network of the institutions collaborating with the Université libre de Bruxelles.

## Job opportunities

Graduates receive the accreditation as hospital pharmacist.

## Programme objectives

The goal of the Advanced Master Degree in Hospital Pharmacy is to provide the students with the knowledge, the skills and the know-how enabling him to cope with the various problems likely to occur in the pharmacy of a hospital. The program teaches the pharmacist how to purchase, how to store, how to deliver, how to prepare drugs within the specific context of a hospital, in order to reach the best quality of care with the most efficient use of available resources. The program also trains the students to achieve the more specific goals imposed by the law in order to optimize the use of drugs in a hospital (clinical pharmacy and clinical care, quality insurance, therapeutical forms, pharmacovigilance, information, recommendations, applied research).

The program has been modified according to the recommendations of the European Advisory Committee on post-graduate studies in pharmacy. According to the Ministerial Decree of June 11 2003 (published in the Belgian Official Journal of July 8 2003) modified by the Ministerial Decree of October 22, 2012 (Belgian Official Journal of December 3, 2012), the degree is required to get an accreditation as a hospital pharmacist.



**Jury Presidents**

Hugues MALONNE and Christine ERNES

**Jury Secretaries**

Pierre VAN ANTWERPEN and Corinne CHARLIER



# Specialized Master in Hospital Pharmacy

## Bloc 1 | MS-PHAP

### Cours obligatoires

PHAR-J600	<p><b>Eléments d'organisation et de gestion hospitalière</b>   Hugues MALONNE (Coordinator) and Magali PIRSON</p> <p>🕒 5 credits [lecture: 36h, project: 10h] 📅 first and second terms 🗨 French</p> <ul style="list-style-type: none"> <li>➤ Partim 1: Organisation et gestion (Théorie:9h)</li> <li>➤ Partim 2: Comptabilité et gestion financière (Théorie:9h)</li> <li>➤ Partim 3: Législation de pharmaco-matériovigilance (Théorie:6h)</li> <li>➤ Partim 4: Notion générales de management et gestion de la qualité (Théorie:18h)</li> </ul>
PHAR-J601	<p><b>Eléments de pharmacie hospitalière</b></p> <p>🕒 5 credits [seminars: 12h] 📅 first term 🗨 French</p>
PHAR-J606	<p><b>Essais cliniques</b>   Fati KIRAKOYA (Coordinator)</p> <p>🕒 3 credits [lecture: 18h, seminars: 3h] 📅 first and second terms 🗨 French</p> <p>Essais cliniques</p> <ul style="list-style-type: none"> <li>➤ Partim 1: Méthodologie des essais cliniques et des études observationnelles (Théorie:12h)</li> <li>➤ Partim 2: Compléments de biostatistiques (Théorie:6h, Séminaires et exercices:3h)</li> </ul>
PHAR-J608	<p><b>Technologie pharmaceutique hospitalière</b></p> <p>🕒 5 credits [lecture: 24h, seminars: 3h] 📅 first term 🗨 French</p>
PHAR-J609	<p><b>Dispositifs médicaux y compris législation de pharmaco-matériovigilance</b>   Hugues MALONNE (Coordinator)</p> <p>🕒 5 credits [lecture: 36h] 📅 first term 🗨 French</p>
PHAR-J610	<p><b>Thérapeutiques parentérales, techniques, médicales et chirurgicales et thérapie génique et cellulaire</b></p> <p>🕒 5 credits [lecture: 30h] 📅 second term 🗨 French</p>
PHAR-J612	<p><b>Aspects théoriques, applications thérapeutiques et diagnostiques</b>   Zéna WIMANA (Coordinator)</p> <p>🕒 2 credits [lecture: 15h] 📅 first term 🗨 French</p>
STAG-J600	<p><b>Stages hospitaliers</b></p> <p>🕒 15 credits [work placement: 999h] 📅 first and second terms 🗨 French</p>
STAG-J610	<p><b>Stages hospitaliers</b></p> <p>🕒 15 credits [work placement: 999h] 📅 first and second terms 🗨 French</p>

# Specialized Master in Hospital Pharmacy

## Bloc 2 | MS-PHAP

### Cours obligatoires

PHAR-J602	<p><b>Lutte contre les infections et prévention</b>   Baudouin BYL (Coordinator)</p> <p>⌚ 6 credits [lecture: 48h] 📅 first term 🗨 French</p> <ul style="list-style-type: none"> <li>➤ Partim 1: Compléments de microbiologie et hygiène hospitalière (Théorie:18h)</li> <li>➤ Partim 2: Stérilisation et désinfection (Théorie:12h)</li> <li>➤ Partim 3: Compléments de vaccinologie et d'antibiothérapie, y compris antibioprophylaxie (Théorie:18h)</li> </ul>
PHAR-J603	<p><b>Physiopathologie et Pharmacothérapie avancée</b></p> <p>⌚ 9 credits [lecture: 60h] 📅 first term 🗨 French</p>
PHAR-J604	<p><b>Pharmacocinétique avancée et monitoring thérapeutique des médicaments</b></p> <p>⌚ 3 credits [lecture: 12h] 📅 first term 🗨 French</p>
PHAR-J607	<p><b>Pharmacie clinique</b></p> <p>⌚ 7 credits [lecture: 30h, field trips: 24h] 📅 second term 🗨 French</p>
PHAR-J611	<p><b>Techniques de diagnostic et produits de contraste</b></p> <p>⌚ 2 credits [lecture: 9h] 📅 second term 🗨 French</p>
PHAR-J613	<p><b>Introduction à la recherche clinique et en milieu hospitalier</b></p> <p>⌚ 3 credits [workshop: 12h] 📅 second term 🗨 French</p>
PHAR-J614	<p><b>Dossier d'apprentissage</b></p> <p>⌚ 10 credits [workshop: 3h, personal assignments: 66h] 📅 first and second terms 🗨 French</p>
STAG-J601	<p><b>Stages hospitaliers</b></p> <p>⌚ 10 credits [work placement: 999h] 📅 first and second terms 🗨 French</p>
STAG-J620	<p><b>Stages hospitaliers</b></p> <p>⌚ 10 credits [work placement: 999h] 📅 first and second terms 🗨 French</p>

# Specialized Master in Hospital Pharmacy

## Bloc 3 | MS-PHAP

### Initi. à la rech. clin.

MEMO-J600	<b>Rédaction et défense du mémoire</b> ⌚ 25 credits 📅 second term 💬 French
PHAR-J615	<b>Cours thématiques et séminaires</b> ⌚ 5 credits 📅 second term 💬 French
PHAR-J616	<b>Rédaction du protocole</b> ⌚ 10 credits 📅 first term 💬 French
STAG-J602	<b>Réalisation du projet</b> ⌚ 20 credits [work placement: 999h] 📅 first and second terms 💬 French