Specialized Master in Hospital Pharmacy

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.

Programme's added value

The Advanced Master Degree in Hospital Pharmacy is a 3 parts of program jointly managed by the Unive rsité 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.

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  
Eléments d'organisation et de gestion hospitalière  | Hugues MALONNE (Coordinator) and Magali PIRSON  
5 credits [lecture: 36h, project: 10h]  
Partim 1: Organisation et gestion (Théorie:9h)  
Partim 2: Comptabilité et gestion financière (Théorie:9h)  
Partim 3: Législation de pharmaco-matériovigilance (Théorie:6h)  
Partim 4: Notion générales de management et gestion de la qualité (Théorie:18h)  
French

PHAR-J601  
Eléments de pharmacie hospitalière  
5 credits [seminars: 12h]  
First term  
French

PHAR-J605  
Essais cliniques  | Fati KIRAKOYA (Coordinator) and Ouindpanga Samadoulougou  
3 credits [lecture: 18h, seminars: 3h]  
First and second terms  
French

Essais cliniques  
Partim 1: Méthodologie des essais cliniques et des études observationnelles (Théorie:12h)  
Partim 2: Compléments de biostatistiques (Théorie:6h, Séminaires et exercices:3h)

PHAR-J606  
Technologie pharmaceutique hospitalière  
5 credits [lecture: 24h, seminars: 3h]  
First term  
French

PHAR-J608  
Dispositifs médicaux y compris législation de pharmaco-matériovigilance  | Hugues MALONNE (Coordinator)  
5 credits [lecture: 36h]  
First term  
French

PHAR-J610  
Thérapeutiques parentérales, techniques, médicales et chirurgicales et thérapie génique et cellulaire  
5 credits [lecture: 30h]  
Second term  
French

PHAR-J612  
Aspects théoriques, applications thérapeutiques et diagnostiques  | Zéna WIMANA (Coordinator)  
2 credits [lecture: 15h]  
First term  
French

STAG-J600  
Stages hospitaliers  
15 credits [work placement: 999h]  
First and second terms  
French

STAG-J610  
Stages hospitaliers  | Pierre VAN ANTWERPEN (Coordinator)  
15 credits [work placement: 999h]  
First and second terms  
French
Cours obligatoires

PHAR-J602 Lutte contre les infections et prévention | Baudouin BYL (Coordinator)
- 6 credits [lecture: 48h]  
  - first term  
  - French
  
  Partim 1: Compléments de microbiologie et hygiène hospitalière (Théorie: 18h)
  
  Partim 2: Stérilisation et désinfection (Théorie: 12h)
  
  Partim 3: Compléments de vaccinologie et d'antibiothérapie, y compris antibioprophylaxie (Théorie: 18h)

PHAR-J603 Physiopathologie et Pharmacothérapie avancée
- 3 credits [lecture: 12h]  
  - first term  
  - French

PHAR-J604 Pharmacocinétique avancée et monitoring thérapeutique des médicaments
- 9 credits [lecture: 60h]  
  - first term  
  - French

PHAR-J607 Pharmacie clinique | Pierre VAN ANTWERPEN (Coordinator)
- 7 credits [lecture: 30h, field trips: 24h]  
  - second term  
  - French

PHAR-J611 Techniques de diagnostic et produits de contraste
- 2 credits [lecture: 9h]  
  - second term  
  - French

PHAR-J613 Introduction à la recherche clinique et en milieu hospitalier
- 3 credits [workshop: 12h]  
  - second term  
  - French

PHAR-J614 Dossier d'apprentissage
- 10 credits [workshop: 3h, personal assignments: 66h]  
  - first and second terms  
  - French

STAG-J601 Stages hospitaliers
- 10 credits [work placement: 999h]  
  - first and second terms  
  - French

STAG-J620 Stages hospitaliers | Pierre VAN ANTWERPEN (Coordinator)
- 10 credits [work placement: 999h]  
  - first and second terms  
  - French
Specialized Master in Hospital Pharmacy

Bloc 3 | MS-PHAP

Initi. à la rech. clin.

- **MEMO-J600**  
  Rédaction et défense du mémoire  
  25 credits  
  second term  
  French

- **PHAR-J615**  
  Cours thématiques et séminaires  
  5 credits  
  second term  
  French

- **PHAR-J616**  
  Rédaction du protocole  
  10 credits  
  first term  
  French

- **STAG-J602**  
  Réalisation du projet  
  20 credits [work placement: 999h]  
  first and second terms  
  French