



HOP12MC - Introduction

Introduction

HOPI2MC - Teaching profile

Learning outcomes

The training is intended to equip students with the essential theoretical and practical knowledge and skills required for employment as a hospital pharmacist, as referred to in the Ministerial Decree of 22 October 2012 (Belgian Monitor of 03/12/2012) setting the criteria to be met in order to qualify for the position of hospital pharmacist. The areas of expertise are wide and varied, and this diversity is reflected in the training programme.

By way of example, the term "medications" is used in the broadest sense. Among other interpretations, the term "medications" refers to: proprietary medicine, compounding, common pharmaceutical products, antiseptics and disinfectants, registered health foods, implantable medical devices, products undergoing clinical trials and samples intended for use on hospitalised patients. The training also allows the acquisition of special and cross-disciplinary skills, which are essential.

On successful completion of this programme, each student is able to :

1 Assimilate knowledge in the areas defined by the Ministerial Decree and apply them to professional practice

1.a

The **theory training** covers five main areas (Ministerial decree of 20/12/2012).

1. Hospital organisation and management:

a) The hospital: Legislation and organisation of hospitals – Legislation of pharmacovigilance and materiovigilance - Management and quality of care

b) The hospital pharmacy: Legislation - General tasks - Specific tasks

2. Fighting and preventing infection:

a) Hospital hygiene; b) Microbiology; c) Sterilisation and disinfection; d) Antibiotherapy and antibioprophylaxy; e) Vaccines

3. Pharmacotherapy:

a) Physiopathology; b) Pharmacotherapy and pharmacokinetics; c) Clinical trials d) Clinical pharmacy

4. Hospital technology

a) Pharmaceutical preparations in hospitals; b) Enteral and parenteral food products c) Medical devices; d) Advanced therapy medications

5. Radiopharmacy

The **practical training** (work placements) covers the following modules (Ministerial decree of 20/12/2012):

Part 1

a) Organisation and management of hospital pharmacy; organisation and management of medication distribution, including command of the processes, management of medication quality and information

b) Clinical trials

Part 2:

a) Fighting infections, including hospital hygiene and central sterilisation

b) Management of antibiotherapy and antibioprophylaxy

c) Organisation and management of the medical device circuit, including the activities falling within the remit of the Medical Equipment Committee

Part 3:

a) Clinical pharmacy and pharmaceutical care

b) Activities falling within the remit of the Medico-Pharmaceutical Committee

Part 4:

Preparation and division activities, best preparation practices and quality assurance:

a) Oncological preparations and high-risk products

b) Other preparations, including pharmaceutical preparations and sterile preparations

c) Radiopharmacy

2 understand and apply the legislation and standards relating to the duties of a hospital pharmacist as defined by the Royal Decree of 4 March 1991 stipulating the standards which a hospital dispensary must satisfy in order to be approved (Belgian Monitor of 23 March 1991)

2.a The duties of a hospital pharmacist fall into three categories: general duties, specific duties and administrative duties.

- The general duties include the dispensing, preparation, supply, preservation, analysis and quality control of medications

- There are four types of specific duty: (1) clinical activities, in direct contact with patients; (2) pharmaceutical activities, in the preparation, preservation and supply of medications; (3) administrative activities, in the management of the pharmacy; (4) teaching activities, in the training of students and staff.

- 4 ensure that medications are dispensed carefully and thoroughly in the hospital
- 5 assimilate and apply the principles of sterile or non-sterile preparation in the hospital
- 6 provide pharmaceutical care
- 7 be solely responsible for maintaining permanent security
- 8 develop and execute a research project on the practice of hospital pharmacy using a scientific approach
- 8.a The research project will culminate in the presentation of a dissertation. This will take place in the 3rd year of training, in a specific field related to the skills of a hospital pharmacist.
- 9 work as part of a team and with professionals from other disciplines
- 9.a This interdisciplinary work is highlighted as part of a number of theoretical courses, where members of different professions teach courses together (e.g. a hospital pharmacist with a doctor responsible for quality; a nurse with a specialist doctor; a hospital clinical pharmacist with a specialist doctor). This interdisciplinary approach is also implemented and assessed within the framework of practical training. This objective is systematically included in the assessment forms for each work placement.
- 10 communicate appropriately, in writing and verbally, with patients and with other pharmacists and health professionals
- 11 operate in accordance with the ethical, legal and deontological framework of the profession
- 12 identify their own learning needs, set objectives and work to achieve them

Programme structure

The course (including the placement) lasts one year on a full-time basis. The hospital pharmacy committee may agree to it being spread over two years, if students have professional responsibilities or if their personal situation justifies this: it is subject to the agreement of the President of the School of Pharmacy

The programme of classes and placements has recently been modified to give pharmacists better training in the basic principles of clinical pharmacy as well as the pharmacotherapy of the main pathologies encountered in the hospital environment.

HOPI2MC Programme

Detailed programme by subject

CORE COURSES [180.0]

- Mandatory
- ✘ Optional
- △ Not offered in 2024-2025
- ⊙ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 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 3

o Formation théorique

o Module A. Organisation et gestion hospitalière

● WHOPI2100



				Year		
				1	2	3
○ WHOPI2103	Prosthesis, implants and biomedical equipments	Olivier Cornu (coord.) Maude Coyette Jean-Michel Evrard Pierre Goffette Valérie Hox Alexandra Kozyreff Guillaume Krings Laura Labriola Bénédicte Lambaux Marie Meunier Alain Poncelet Thomas Schubert Robert Tircoveanu	PR [q1] [30h] [4 Credits]	x		
○ WRDTH3152	Compléments de chimiothérapie et d'hormonothérapie antitumorales	Jean-François Baurain Frank Cornelis Lionel D'Hondt François Duhoux Rachel Galot Xavier Poire Marc Van den Eynde (coord.) Cedric Jacques van Marcke de Lummen Aline Wertz	PR [q1] [30h] [4 Credits]	x		
○ WHOPI2111	Contrôle qualité et assurance qualité de la fabrication et administration des préparations hospitalières	Muriel Bary Cécile Decoster Anne-Sophie Delsaux Céline Michel Laura Soumoy (coord.) Aline Wertz	PR [q1] [20h] [3 Credits]	x		
○ WSBIM2238N	Specialized nutrition - Specialized nutrition (parenteral and enteral nutrition in children and adults)	Dominique Hermans (coord.)	PR [q2] [15h] [2 Credits] > English-friendly		x	

○ Module E. Radiopharmacie

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.

HOP12MC - Information

Access Requirements

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.

Decree of 7 November 2013 defining the landscape of higher education and the academic organization of studies.

The admission requirements must be met prior to enrolment in the University.

Unless explicitly mentioned, the bachelor's, master's and licentiate degrees listed on this page are to be understood as those issued by an institution of the French, Flemish or German-speaking Community, or by the Royal Military Academy.

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.

SUMMARY

- [General access requirements](#)
- [Specific access requirements](#)

General access requirements

Translated from https://www.gallilex.cfwb.be/fr/leg_res_01.php?ncda=39681&referant=l02

Art. 112. of the "Décret définissant le paysage de l'enseignement supérieur et l'organisation académique des études" :

ci-dessous). La procédure de sélection des candidats pour l'obtention des mandats rémunérés et le calendrier de cette procédure sont

