

### Information

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Clinical, hospital pharmacy and drug economics

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### Presentation

The Advanced Master is organized in collaboration with the Free University of Brussels.

It aims to provide the student with knowledge, skills and attitudes to deal with many specific problems in hospitals. It prepares the pharmacist to conventional tasks such as acquisition, preservation, preparation and dispensing of medication in the particular context of this sector, quality of care and the best use of available resources. Moreover, it forms the student for more specific tasks, imposed by existing legislation in order to optimize the use of drugs in the hospital : clinical pharmacy and pharmaceutical care, quality assurance, therapeutic form , pharmacovigilance, information, recommendations, applied research. The subjects taught are adapted to the recommendations of the European Union's consultancy committee on specialisations in pharmacy. Moreover this qualification allows the pharmacist the possibility of obtaining official recognition as a hospital pharmacist, in terms of the regulations of 11th June 2003.

### Duration

One year of study, with the possibility of extending the programme over two years with the approval of the Management Committee. This programme is completed by practical training in the context of full-time or part-time professional exercise in one or more hospital institutions.

**Registration conditions** Registration in the Complementary Masters in Hospital Pharmacy is conditional upon passing a selection examination for specialised candidates. The conditions for selection have been defined jointly between the three French-speaking universities. It has been agreed that candidates should not apply for a single university, or they will be excluded from the selection procedure. Preference must be given to the University of origin. Candidates are selected based on different criteria, divided into three categories: University curriculum (50%), motivation (30%), and professional history (placements and/or useful professional experience).

Students' motivation is assessed on the basis of an interview conducted with a jury comprising the head of the programme, an academic member of the Pharmacy Department, a hospital pharmacist from one of the University hospitals, and a hospital pharmacist from a non-University hospital. Information about submitting applications can be obtained from the head of the programme. Contact details are provided below.

### Collegiality

Coordinator : Thierry VAN HEES

For the ULg : Joël AERTS, Jean-François BRICHANT, Corinne CHARLIER, Geneviève CHRISTIAENS, Brigitte EVRARD, Yvan HUON, Jean-Marie KRZESINSKI, Pierrette MELIN, William PITCHOT, Isabelle ROLAND, André SCHEEN, Vincent SEUTIN, Didier VAN CAILLIE.

For the ULB : Karim AMIGHI, Baudouin BYL, Angelina DE BEER, Alain DE WEVER, Bernard VAN GANSBEKE, Ghanem GHANEM, Marc LEEMAN, Sophie LORENT, Christian MELOT, Magali PIRSON, Thierry PEPERSACK, Serge VAN PRAET, Jean-Louis VINCENT.

In addition to the teachers, the following persons contribute to the teaching :

For the ULg : Etienne BAUDOUX, Frédéric BARON, Shibeshih BELACHEW, Catherine BONVOISIN, Vincent BOURS, Jo CAERS, Pierre DAMAS, Raphaël DENOZ, Jean DELWAIDE, Bernard DUBOIS, Marie-Elisabeth FAYMONVILLE, Guy JERUSALEM, Jean JORIS, Robert LARBUISSON, Dominique LIBBRECHT, Michel MOUTSCHEN, Danièle SONDAG.

For the ULB : Jacques BERRE, Serge BRIMIOULLE, Daniel DE BACKER, Jacques CRETEUR, Frédérique JACOBS, Philippe LHEUREUX, Muriel MONS, Marc RENARD, Danièle VERMEYLEN.

## A single year

### Compulsory courses

#### Organization and Hospital Management

MCPH2017-1	<i>Organization and hospital management elements</i>				<b>2</b>
	- <i>Organization and management</i> - Alain DE WEVER	9	-	-	
	- <i>Accounting and financial management</i> - Magali PIRSON	9	-	-	
	- <i>General concepts of management and quality management</i> - Didier VAN CAILLIE	12	-	-	

MCPH2001-3	<i>Hospital pharmaceutical practice</i> - Thierry VAN HEES, Serge VAN PRAET	36	-	-	<b>3</b>
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#### The fight against nosocomial infections

MCPH2026-1	<i>Hospital hygiene and fight against nosocomial infection</i>				<b>3</b>
	- <i>Lutte contre l'infection nosocomiale</i> - Geneviève CHRISTIAENS	12	-	-	
	- <i>Antibiothérapie et antibioprofylaxie</i> - Baudouin BYL	12	-	-	
	- <i>Stérilisation et désinfection des dispositifs médicaux</i> - Pierrette MELIN	12	-	-	

#### Pathology and Pharmacotherapy

MCPH2018-1	<i>Issues in pathology and pathophysiology</i> - Jean-Marie KRZESINSKI, Marc LEEMAN	30	-	-	<b>3</b>
MCPH2006-1	<i>Questions relating to pharmacotherapy</i> - Angelina DE BEER, William PITCHOT, Vincent SEUTIN	30	-	-	<b>3</b>
MCPH2007-1	<i>Detection and prevention of drug-induced iatrogenesis</i> - Corinne CHARLIER, Thierry PEPERSACK	24	-	-	<b>2</b>
MCPH2008-1	<i>Clinical pharmacology and pharmacoepidemiology</i>				<b>2</b>
	- <i>Methodologies used in clinical trials and observational studies</i> - André SCHEEN	12	-	-	
	- <i>Biostatistics</i> - Christian MELOT	12	-	-	
MCPH2009-1	<i>Clinical pharmacy</i>				<b>2</b>
	- <i>Clinical pharmacy and pharmaceutical care</i> - Sophie LORENT, Thierry VAN HEES	18	-	-	
	- <i>Information management</i> - Thierry VAN HEES	6	-	-	
<b>Hospital Technology</b>					
MCPH2011-1	<i>Hospital pharmacy technology : manufacture, control, quality assurance of hospital preparations</i>				<b>2</b>
	- <i>Technological and biopharmaceutical aspects</i> - Karim AMIGHI, Brigitte EVRARD, Isabelle ROLAND	18	-	-	
	- <i>Mastering the environment of sterile and controlled preparations</i> - Bernard VAN GANSBEKE	6	-	-	
MCPH2012-1	<i>Single-use sterile medical devices, prostheses and implants</i> - Yvan HUON, Serge VAN PRAET	24	-	-	<b>2</b>
MCPH2030-1	<i>Parenteral treatment, medical and surgical techniques</i> - Jean-François BRICHANT, Jean-Louis VINCENT	24	-	-	<b>2</b>
MCPH2031-1	<i>Diagnostic techniques and contrast products</i>	12	-	-	<b>1</b>
<b>Radiopharmacy and Radiochemistry</b>					
MCPH2019-3	<i>Radiopharmacy and radiochemistry, including seminars and practicals</i> - Joël AERTS, Ghanem GHANEM, Bernard VAN GANSBEKE - [24h Pr., 2h SEM]	24	-	[+]	<b>3</b>
MSTG2051-1	<i>Placement 1st part</i> - COLLÉGIALITÉ - [210h Internship]	-	-	[+]	<b>5</b>
MSTG2052-1	<i>Placement 2nd part</i> - COLLÉGIALITÉ - [210h Internship]	-	-	[+]	<b>5</b>
MTFE2045-1	<i>Placement 3rd part including final work</i> - COLLÉGIALITÉ - [210h Internship]	-	-	[+]	<b>20</b>