

#### Cycle view of the study programme

Bl Or Th Pr Au Cr

#### Information

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#### Collegiality

For the ULiege: Jonathan ALFAGEME GONZALES, Corinne CHARLIER, Blaise DELHAUTEUR, Christine ERNES, Marie-Pierre HAYETTE, Frédéric LECOMTE, Didier MAESEN, Paul MEUNIER, Régis RADERMECKER, Isabelle ROLAND, Didier VAN CAILLIE, Thierry VAN HEES, Christelle VERCHEVAL.  
For the ULB: Baudouin BYL, Marc DEMOULIN, Jean-Pol DETIFFE, Ghanem GHANEM, Fati KIRAKOYA, Sophie LORENT, Hugues MALONNE, Christian MELOT, Muriel MONS, Magali PIRSON, Bernard VAN GANSBEKE, Serge VAN PRAET, Zena WIMANA.

#### Compulsory courses (B1 : 60Cr, B2 : 60Cr, B3 : 60Cr)

##### Module 1 : Hospital organization and management

MCPH2017-3	<i>Organization and hospital management elements</i>	B1	TA						<b>5</b>
	- <i>Organization and management</i> - Hugues MALONNE		9	-	-				
	- <i>Accounting and financial management</i> - Magali PIRSON		9	-	-				
	- <i>General concepts of management and quality management</i> - Viviane LIEVIN, Didier VAN CAILLIE		18	-	-				
MCPH2001-3	<i>Good hospital pharmacy practice</i> - Christine ERNES, Didier MAESEN, Serge VAN PRAET - [12h SEM]	B1	Q1	24	-	[+]			<b>5</b>

##### Module 3: Pharmacotherapy

MCPH2033-1	<i>Clinical trials</i>	B1	TA						<b>3</b>
	- <i>Methodologies used in clinical trials and observational studies</i> - Régis RADERMECKER		12	-	-				
	- <i>Complements of biostatistics</i> - Fati KIRAKOYA - [3h SEM]		6	-	[+]				

##### Module 4: Pharmaceutical and hospital technology

MCPH2034-1	<i>Hospital pharmacy technology : manufacture, control, quality assurance of hospital preparations, Part 1</i> - Isabelle ROLAND, Bernard VAN GANSBEKE - [3h SEM]	B1	TA	24	-	[+]			<b>5</b>
MCPH2035-1	<i>Medical devices including pharmaco-materiovigilance legislation</i> - Frédéric LECOMTE, Hugues MALONNE, Muriel MONS, Serge VAN PRAET	B1	TA	39	-	-			<b>5</b>
MCPH2030-1	<i>Parenteral treatment, medical and surgical techniques and Gene and cell therapy</i> - COLLÉGIALITÉ	B1	TA	30	-	-			<b>5</b>

##### Module 5: Pharmaceutical radiotherapy

MCPH2036-1	<i>Theoretical aspects, therapeutic and diagnostic applications</i> - Ghanem GHANEM, Zena WIMANA	B1	TA	12	-	-			<b>2</b>
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#### Placement in an approval institution

MSTG9043-1	<i>Placements, block 1, 1st part</i>	B1	TA						<b>15</b>
	- <i>Organization and management of the hospital pharmacy ; organization and management of the circulation of medicines including management of the processes, quality management and management of information concerning the medicines</i> - COLLÉGIALITÉ - [480h Internship]		-	-	[+]				
	- <i>Clinical trials</i> - COLLÉGIALITÉ - [30h Internship]		-	-	[+]				
MSTG9044-1	<i>Placements, block 1, 2nd part</i>	B1	TA						<b>15</b>

- Préparation oncologique et produits à risque - COLLÉGIALITÉ - [180h Internship]	-	-	[+]
- Autres préparations, y compris préparations magistrales et préparations stériles - COLLÉGIALITÉ - [90h Internship]	-	-	[+]
- Radiothérapie pharmaceutique - COLLÉGIALITÉ - [60h Internship]	-	-	[+]

#### Placement in an approval institution

MSTG9045-1	<i>Placements, block 2, 1st part</i>	B2	TA				<b>10</b>
	- Fight against infections including hospital hygiene and central sterilization - COLLÉGIALITÉ - [60h Internship]	-	-			[+]	
	- Management of the antibiotherapy and of the antibioprophyllaxy - COLLÉGIALITÉ - [60h Internship]	-	-			[+]	
	- Organization and management of medical device stock, including activities under the remit of the Medical Equipment Committee's missions - COLLÉGIALITÉ - [120h Internship]	-	-			[+]	
MSTG9046-1	<i>Placements, block 2, 2nd part</i>	B2	TA				<b>10</b>
	- Clinical pharmacy and pharmaceutical care practised in one or two care units - COLLÉGIALITÉ - [300h Internship]	-	-			[+]	
	- Activities under the remit of the Pharmacy and Therapeutic Committee's missions - COLLÉGIALITÉ - [60h Internship]	-	-			[+]	

#### Module 2 : Fight against infections and prevention

MCPH2038-1	<i>Fight against infections and prevention</i>	B2	TA				<b>6</b>
	- Hospital hygiene - Jonathan ALFAGEME GONZALES		12	-	-		
	- Microbiology supplements ; sterilization and disinfection - MariePierre HAYETTE		18	-	-		
	- Vaccinology and antibiotic therapy supplements, including Prophylactic antibiotic treatment - Baudouin BYL		18	-	-		

#### Module 3: Pharmacotherapy

MCPH2039-1	<i>Physiopathology and advanced pharmacotherapy - COLLÉGIALITÉ</i>	B2	TA	60	-	-	<b>9</b>
MCPH2040-1	<i>Advanced pharmacokinetics, pharmacogenomic and therapeutic monitoring of drugs - Corinne CHARLIER, JeanPol DETIFFE</i>	B2	TA	12	-	-	<b>3</b>
MCPH2041-1	<i>Clinical pharmacy</i>	B2	TA				<b>7</b>
	- Clinical pharmacy and pharmaceutical care - Sophie LORENT		18	-	-		
	- Management of information and introduction to EBM		12	-	-		
	- Seminars of clinical pharmacy - Manon GILLET, Sophie LORENT, Audrey SAMALEASUAREZ - [24h SEM]		-	-		[+]	

#### Module 5: Pharmaceutical radiotherapy

MCPH2042-1	<i>Diagnostic techniques and contrast products - Paul MEUNIER</i>	B2	TA	9	-	-	<b>2</b>
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#### Learning field

MCPH2043-1	<i>Learning file : Organization and hospital management (Module 1), Fight against infections and prevention (Module 2), Pharmacotherapy (Module 3) and Toxicology pharmacology and hospital (Module 4) - Sophie LORENT, Serge VAN PRAET, Wout VAN PRAET</i>	B2	TA	-	-	-	<b>10</b>
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#### Module 6 : Initiation to research

MCPH2044-1	<i>Introduction to clinical research and in hospitals - Sophie LORENT, Serge VAN PRAET</i>	B2	TA	12	-	-	<b>3</b>
MCPH2045-1	<i>Writing of the protocol - Blaise DELHAUTEUR, Christine ERNES, Sophie LORENT, Hugues MALONNE, Isabelle ROLAND, Serge VAN PRAET</i>	B3	TA	-	-	-	<b>10</b>
MCPH2048-1	<i>Project realisation including thematic courses and seminars</i>	B3	TA				<b>25</b>
	- Part 1 : Project realisation - COLLÉGIALITÉ - [1000h Internship]	-	-			[+]	
	- Part 2 : Thematic courses and seminars - COLLÉGIALITÉ	-	-			-	
MTFE9007-1	<i>Writing and defense of final thesis - Christine ERNES, Sophie LORENT,</i>	B3	TA	-	-	-	<b>25</b>

Study programmes 2023-2024  
Faculty of Medicine  
Advanced Master in Hospital Pharmacy

Hugues MALONNE, Isabelle ROLAND, Serge VAN PRAET