

**Cycle view of the study programme**

Bl Or Th Pr Au Cr

**Information**

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**Collegiality**

For ULiege: Corinne CHARLIER, Blaise DELHAUTEUR, Axelle DUMAZY, Christine ERNES, Marie-Pierre HAYETTE, Jean-Marie KRZESINSKI, Frédéric LECOMTE, Didier MAESEN, Paul MEUNIER, Benoît PETRE, Régis RADERMECKER, Isabelle ROLAND, Sylvie STREEL, Didier VAN CAILLIE, Thierry VAN HEES, Christelle VERCHEVAL.

For ULB: Baudouin BYL, Marc DEMOULIN, Jean-Pol DETIFFE, Ghanem GHANEM, Sophie LORENT, Hugues MALONNE, Christian MELOT, Muriel MONS, Magali PIRSON, Bernard VAN GANSBEKE, Serge VAN PRAET, Jean-Louis VINCENT, Zena WIMANA.

**Compulsory courses (B1 : 60Cr, B2 : 60Cr, B3 : 60Cr)**
**Module 1 : Hospital organization and management (B1 : 10Cr)**

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> - Marc DEMOULIN, Christine ERNES, Didier MAESEN, Serge VAN PRAET - [12h SEM]	B1	Q1	24	-		[+]		<b>5</b>
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**Module 3 : Pharmacotherapy - Part 1 (B1 : 3Cr)**

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 - Part 1 (B1 : 15Cr)**

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>
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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>
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MCPH2030-1	<i>Parenteral treatment, medical and surgical techniques and Gene and cell therapy</i> - COLLÉGIALITÉ	B1	TA	30	-				<b>5</b>
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**Module 5 : Pharmaceutical radiotherapy - Part 1 (B1 : 2Cr)**

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 (B1 : 30Cr, B2 : 20Cr)**

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> - <i>Préparation oncologique et produits à risque - COLLÉGIALITÉ - [180h Internship]</i> - <i>Autres préparations, y compris préparations magistrales et préparations stériles - COLLÉGIALITÉ - [90h Internship]</i> - <i>Radiothérapie pharmaceutique - COLLÉGIALITÉ - [60h Internship]</i>	B1	TA						<b>15</b>
				-	-		[+]		
				-	-		[+]		
				-	-		[+]		
MSTG9045-1	<i>Placements, block 2, 1st part</i> - <i>Fight against infections including hospital hygiene and central sterilization - COLLÉGIALITÉ - [60h Internship]</i> - <i>Management of the antibiotherapy and of the antibioprophylaxy - COLLÉGIALITÉ - [60h Internship]</i> - <i>Organization and management of medical device stock, including activities under the remit of the Medical Equipment Committee's missions - COLLÉGIALITÉ - [120h Internship]</i>	B2	TA						<b>10</b>
				-	-		[+]		
				-	-		[+]		
				-	-		[+]		
MSTG9046-1	<i>Placements, block 2, 2nd part</i> - <i>Clinical pharmacy and pharmaceutical care practised in one or two care units - COLLÉGIALITÉ - [300h Internship]</i> - <i>Activities under the remit of the Pharmacy and Therapeutic Committee's missions - COLLÉGIALITÉ - [60h Internship]</i>	B2	TA						<b>10</b>
				-	-		[+]		
				-	-		[+]		
<b>Module 2 : Fight against infections and prevention (B2 : 6Cr)</b>									
MCPH2038-1	<i>Fight against infections and prevention</i> - <i>Hospital hygiene - Jonathan ALFAGEME GONZALES</i> - <i>Microbiology supplements ; sterilization and disinfection - MariePierre HAYETTE - Suppl : Pierrette MELIN</i> - <i>Vaccinology and antibiotic therapy supplements, including Prophylactic antibiotic treatment - Baudouin BYL</i>	B2	TA						<b>6</b>
				12	-	-			
				18	-	-			
				18	-	-			
<b>Module 3 : Pharmacotherapy - Part 2 (B2 : 19Cr)</b>									
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> - <i>Clinical pharmacy and pharmaceutical care - Sophie LORENT</i> - <i>Management of information and introduction to EBM - Thierry VAN HEES - Suppl : Christelle VERCHEVAL</i> - <i>Seminars of clinical pharmacy - Sophie LORENT, Thierry VAN HEES - [24h SEM]</i>	B2	TA						<b>7</b>
				18	-	-			
				12	-	-			
				-	-		[+]		
<b>Module 5: Pharmaceutical radiotherapy (B2 : 2Cr)</b>									
MCPH2042-1	<i>Diagnostic techniques and contrast products - Paul MEUNIER</i>	B2	TA	9	-	-			<b>2</b>
<b>Learning field (B2 : 10Cr)</b>									
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>
<b>Module 6 : Initiation to research (B2 : 3Cr, B3 : 60Cr)</b>									
MCPH2044-1	<i>Introduction to clinical research and in hospitals - Sophie LORENT, Benoît PÉTRÉ, Sylvie STREEL, 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> - <i>Part 1 : Project realisation - COLLÉGIALITÉ - [1000h Internship]</i> - <i>Part 2 : Thematic courses and seminars - COLLÉGIALITÉ</i>	B3	TA						<b>25</b>
				-	-		[+]		
				-	-		-		

MTFE9007-1 *Writing and defense of final thesis* - Blaise DELHAUTEUR,  
Christine ERNES, Sophie LORENT, Hugues MALONNE,  
Isabelle ROLAND, Serge VAN PRAET

B3 TA - - - 25