

## Cycle view of the study programme

B1 Or Th Pr Au Cr

### Information

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### Collegiality

Coordinator : Thierry VAN HEES

### Study programme

#### 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> - <i>Organization and management</i> - Hugues MALONNE - <i>Accounting and financial management</i> - Magali PIRSON - <i>General concepts of management and quality management</i> - Viviane LIEVIN, Didier VAN CAILLIE	B1							<b>5</b>
			9	-	-				
			9	-	-				
			18	-	-				
MCPH2001-3	<i>Good hospital pharmacy practice</i> - Marc DEMOULIN, Thierry VAN HEES, Serge VAN PRAET - [12h SEM]	B1		24	-	[+]			<b>5</b>

##### Module 3 : Pharmacotherapy - Part 1 (B1 : 3Cr)

MCPH2033-1	<i>Clinical trials</i> - <i>Methodologies used in clinical trials and observational studies</i> - <i>Complements of biostatistics</i> - Christian MELOT - [3h SEM]	B1							<b>3</b>
			12	-	-				
			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> - Bernard VAN GANSBEKE - [3h SEM]	B1		24	-	[+]			<b>5</b>
MCPH2035-1	<i>Medical devices including pharmaco-materiovigilance legislation</i> - Yvan HUON, Virginie MISTRETTA, Muriel MONS, Serge VAN PRAET	B1		39	-	-			<b>5</b>
MCPH2030-1	<i>Parenteral treatment, medical and surgical techniques and Gene and cell therapy</i> - JeanFrançois BRICHANT, JeanLouis VINCENT	B1		30	-	-			<b>5</b>

##### Module 5 : Pharmaceutical radiotherapy - Part 1 (B1 : 2Cr)

MCPH2036-1	<i>Theoretical aspects, therapeutic and diagnostic applications</i> - Joël AERTS, Ghanem GHANEM	B1		12	-	-			<b>2</b>
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##### Placement in an approval institution (B1 : 30Cr, B2 : 20Cr)

MSTG9043-1	<i>Placements, 1st year, 1st part</i> - <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]	B1					[+]		<b>15</b>
			-	-			[+]		
MSTG9044-1	<i>Placements, 1st year, 2nd part</i> - <i>Oncology preparation and risk products</i> - COLLÉGIALITÉ - [180h Internship] - <i>Other preparations including compounding and sterile preparations</i> - COLLÉGIALITÉ - [90h Internship] - <i>Pharmaceutical radiotherapy</i> - COLLÉGIALITÉ - [60h Internship]	B1						[+]	<b>15</b>
			-	-			[+]		
			-	-			[+]		
MSTG9045-1	<i>Placements, 2nd year, 1st part</i> - <i>Fight against infections including hospital hygiene and central sterilization</i> - COLLÉGIALITÉ - [60h Internship]	B2						[+]	<b>10</b>
			-	-			[+]		

	- 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	Placements, 2nd year, 2nd part - 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]	B2	-	-	<b>10</b>
				[+]	
				[+]	
<b>Module 2 : Fight against infections and prevention (B2 : 6Cr)</b>					
MCPH2038-1	Fight against infections and prevention - Hospital hygiene - Geneviève CHRISTIAENS - Microbiology supplements ; sterilization and disinfection - Pierrette MELIN - Vaccinology and antibiotic therapy supplements, including Prophylactic antibiotic treatment	B2	Q1		<b>6</b>
			12	-	-
			18	-	-
			18	-	-
<b>Module 3 : Pharmacotherapy - Part 2 (B2 : 19Cr)</b>					
MCPH2039-1	Physiopathology and advanced pharmacotherapy - JeanMarie KRZESINSKI, N...	B2	60	-	<b>9</b>
MCPH2040-1	Advanced pharmacokinetics, pharmacogenomic and therapeutic monitoring of drugs - Corinne CHARLIER, JeanPol DETIFFE	B2	12	-	<b>3</b>
MCPH2041-1	Clinical pharmacy - Clinical pharmacy and pharmaceutical care - Sophie LORENT - Management of information and introduction to EBM - Thierry VAN HEES - Seminars of clinical pharmacy - Sophie LORENT, Thierry VAN HEES - [24h SEM]	B2	18	-	<b>7</b>
			12	-	-
			-	-	[+]
<b>Module 5 : Pharmaceutical radiotherapy - Part 2 (B2 : 2Cr)</b>					
MCPH2042-1	Diagnostic techniques and contrast products - Paul MEUNIER	B2	9	-	<b>2</b>
<b>Learning field (B2 : 10Cr)</b>					
MCPH2043-1	Learning file : Fight against infections and prevention (Module 2) and pharmacotherapy (Module 3) - COLLÉGIALITÉ	B2	-	-	<b>10</b>
<b>Module 6 : Initiation to clinical research (B2 : 3Cr)</b>					
MCPH2044-1	Introduction to clinical research and in hospitals - Michèle GUILLAUME, Sophie LORENT, Thierry VAN HEES	B2	12	-	<b>3</b>
MCPH2045-1	Writing of the protocol	B3	-	-	<b>10</b>
MCPH2048-1	Project realisation including thematic courses and seminars - Part 1 : Project realisation - COLLÉGIALITÉ - [1000h Internship] - Part 2 : Thematic courses and seminars - COLLÉGIALITÉ	B3	-	-	<b>25</b>
			-	-	[+]
			-	-	-
MTFE9007-1	Writing and defense of final thesis - COLLÉGIALITÉ	B3	-	-	<b>25</b>