

## Block view of the study programme

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### Block 1

#### Compulsory courses

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

MCPH2017-3	<i>Organization and hospital management elements</i>								<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> - Didier VAN CAILLIE		18	-	-				

MCPH2001-3	<i>Good hospital pharmacy practice</i> - Marc DEMOULIN, Thierry VAN HEES, Serge VAN PRAET - [12h SEM]	Q1	24	-		[+]			<b>5</b>
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##### Module 3 : Pharmacotherapy - Part 1

MCPH2033-1	<i>Clinical trials</i>								<b>3</b>
	- <i>Methodologies used in clinical trials and observational studies</i> - Xavier GERARD, Olivia NIESSEN		12	-	-				
	- <i>Complements of biostatistics</i> - Christian MELOT - [3h SEM]		6	-		[+]			

##### Module 4 : Pharmaceutical and hospital technology - Part 1

MCPH2034-1	<i>Hospital pharmacy technology : manufacture, control, quality assurance of hospital preparations, Part 1</i> - Isabelle LAURENT, Bernard VAN GANSBEKE - [3h SEM]		24	-		[+]			<b>5</b>
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MCPH2035-1	<i>Medical devices including pharmaco-materiovigilance legislation</i> - Yvan HUON, Virginie MISTRETTA, Muriel MONS, Serge VAN PRAET		39	-	-				<b>5</b>
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MCPH2030-1	<i>Parenteral treatment, medical and surgical techniques and Gene and cell therapy</i> - JeanFrançois BRICHANT, JeanLouis VINCENT		30	-	-				<b>5</b>
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##### Module 5 : Pharmaceutical radiotherapy - Part 1

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

MSTG9043-1	<i>Placements, block 1, 1st part</i>								<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>								<b>15</b>
	- <i>Préparation oncologique et produits à risque</i> - COLLÉGIALITÉ - [180h Internship]							[+]	
	- <i>Autres préparations, y compris préparations magistrales et préparations stériles</i> - COLLÉGIALITÉ - [90h Internship]							[+]	
	- <i>Radiothérapie pharmaceutique</i> - COLLÉGIALITÉ - [60h Internship]							[+]	

### Block 2

#### Compulsory courses

##### Placement in an approval institution

MSTG9045-1	<i>Placements, block 2, 1st part</i>								<b>10</b>
	- <i>Fight against infections including hospital hygiene and central sterilization</i>							[+]	
	- COLLÉGIALITÉ - [60h Internship]								
	- <i>Management of the antibiotherapy and of the antibioprophylaxy</i> - 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, block 2, 2nd part				<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]	-	-	[+]	
<b>Module 2 : Fight against infections and prevention</b>					
MCPH2038-1	Fight against infections and prevention	Q1			<b>6</b>
	- Hospital hygiene - Geneviève CHRISTIAENS	12	-	-	
	- Microbiology supplements ; sterilization and disinfection - Pierrette MELIN	18	-	-	
	- Vaccinology and antibiotic therapy supplements, including Prophylactic antibiotic treatment - Baudouin BYL	18	-	-	
<b>Module 3 : Pharmacotherapy - Part 2</b>					
MCPH2039-1	Physiopathology and advanced pharmacotherapy - JeanMarie KRZESINSKI	Q1	60	-	<b>9</b>
MCPH2040-1	Advanced pharmacokinetics, pharmacogenomic and therapeutic monitoring of drugs - Corinne CHARLIER, JeanPol DETIFFE		12	-	<b>3</b>
MCPH2041-1	Clinical pharmacy				<b>7</b>
	- Clinical pharmacy and pharmaceutical care - Sophie LORENT		18	-	
	- Management of information and introduction to EBM - Thierry VAN HEES		12	-	
	- Seminars of clinical pharmacy - Sophie LORENT, Thierry VAN HEES - [24h SEM]		-	-	[+]
<b>Module 5 : Pharmaceutical radiotherapy - Part 2</b>					
MCPH2042-1	Diagnostic techniques and contrast products - Paul MEUNIER		9	-	<b>2</b>
<b>Learning field</b>					
MCPH2043-1	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) - COLLÉGIALITÉ		-	-	<b>10</b>
<b>Module 6 : Initiation to clinical research</b>					
MCPH2044-1	Introduction to clinical research and in hospitals - Michèle GUILLAUME, Sophie LORENT, Thierry VAN HEES	Q2	12	-	<b>3</b>
<b>Block 3</b>					
<b>Compulsory courses</b>					
MCPH2045-1	Writing of the protocol - COLLÉGIALITÉ		-	-	<b>10</b>
MCPH2048-1	Project realisation including thematic courses and seminars				<b>25</b>
	- Part 1 : Project realisation - COLLÉGIALITÉ - [1000h Internship]		-	-	[+]
	- Part 2 : Thematic courses and seminars - COLLÉGIALITÉ		-	-	
MTFE9007-1	Writing and defense of final thesis - COLLÉGIALITÉ		-	-	<b>25</b>