

**Cycle view of the study programme**

		Bl	Or	Th	Pr	Au	Cr
<b>Compulsory courses (B1 : 60Cr, B2 : 30Cr)</b>							
PHAR0344-3	<i>Medicines analysis</i> - Marianne FILLET	B1	Q1	45	28	-	7
PHAR0343-3	<i>Pharmaceutical technologies and biopharmacy (part I)</i> - Brigitte EVRARD	B1	Q1	20	60	-	4
PHAC0341-2	<i>Special pharmacology (Part I)</i> - Vincent SEUTIN	B1	Q1	25	-	-	3
TOXI0341-2	<i>Toxicological chemistry, Part I</i> - <i>Toxicological chemistry</i> - Corinne CHARLIER - <i>Toxicological chemistry, supplement for pharmacy</i> - Corinne CHARLIER - [12h SEM]	B1	Q1	20	-	-	4
				5	-	[+]	
BIOC0340-1	<i>Clinical Chemistry (Part I)</i> - Etienne CAVALIER - [12h SEM]	B1	Q1	22	-	[+]	4
MBIO0002-1	<i>Pharmaceutical Microbiology</i> - Pierrette MELIN	B1	Q1	16	-	-	2
PHAR2018-1	<i>Officinal pharmaceutical good practices</i> - Patrick HERNÉ - [6h SEM] <b>Corequisite :</b> PHAR0343-3 - Technologie pharmaceutique et biopharmacie (partim I)	B1	Q1	10	-	[+]	2
ECON0340-1	<i>Pharmacoeconomy</i> - Thierry VAN HEES - Suppl : Robin CRUNENBERG	B1	Q1	10	-	-	1
PHAR0003-1	<i>Pharmaceutical technologies and biopharmacy (part II)</i> - Brigitte EVRARD - [5h SEM] <b>Corequisite :</b> PHAR0347-3 - Travaux pratiques - Technologie pharmaceutique et biopharmacie PHAR0343-3 - Technologie pharmaceutique et biopharmacie (partim I)	B1	Q2	25	-	[+]	4
PHAR0347-3	<i>Practical work - Pharmaceutical technologies and Biopharmacy</i> - Brigitte EVRARD <b>Corequisite :</b> PHAR0003-1 - Technologie pharmaceutique et biopharmacie (partim II)	B1	Q2	-	32	-	2
PHAC0342-2	<i>Special pharmacology (Part II)</i> - Vincent SEUTIN <b>Corequisite :</b> PHAC0341-2 - Pharmacologie spéciale (Partim I)	B1	Q2	20	-	-	2
TOXI0342-2	<i>Clinical Toxicology and adverse drug events monitoring (Part II)</i> - Corinne CHARLIER - [12h SEM] <b>Corequisite :</b> TOXI0341-2 - Chimie toxicologique, Partim I	B1	Q2	25	-	[+]	4
BIOC0341-1	<i>Clinical chemistry (2nd part)</i> - Etienne CAVALIER - [12h SEM] <b>Corequisite :</b> BIOC0340-1 - Chimie clinique (Partim I)	B1	Q2	23	-	[+]	4
PHAR0004-1	<i>Pharmacotherapy and pharmaceutical cares</i> - Thierry VAN HEES - Suppl : Patrick HERNÉ, Geneviève PHILIPPE - [10h SEM] <b>Corequisite :</b> PHAC0342-2 - Pharmacologie spéciale (Partim II) PHAC0341-2 - Pharmacologie spéciale (Partim I)	B1	Q2	30	-	[+]	5
SANT0005-1	<i>Therapeutic approach</i> - Didier CATALDO, Etienne CAVALIER, Raphaël DENOZ, Michel FREDERICH, Geneviève PHILIPPE, Bernard PIROTTE, Thierry VAN HEES - [30h SI] <b>Corequisite :</b> PHAC0342-2 - Pharmacologie spéciale (Partim II) PHAC0341-2 - Pharmacologie spéciale (Partim I)	B1	Q2	-	-	[+]	3
LEGI0340-2	<i>Legislation and pharmaceutical ethics</i> - Patrick HERNÉ <b>Corequisite :</b> TOXI0342-2 - Chimie toxicologique y compris pharmacovigilance (Partim II) PHAR0344-3 - Analyse des médicaments	B1	Q2	30	-	-	4
PHAR2219-1	<i>Integrated work 2</i> - Corinne CHARLIER, Brigitte EVRARD, Marianne FILLET, Pierre FRANCOU, Michel FREDERICH,	B1	Q2	-	-	[+]	3

UBERT, Géraldine PIEL, Bernard PIROTTE, AnneCatherine SERVAIS,  
Vincent SEUTIN, Eric ZIEMONS - [30h LBOPS]

**Corequisite :**

PHAR0003-1 - Technologie pharmaceutique et biopharmacie (partim II)

PHAR0344-3 - Analyse des médicaments

PHAR0343-3 - Technologie pharmaceutique et biopharmacie (partim I)

PHAC0342-2 - Pharmacologie spéciale (Partim II)

PHAC0341-2 - Pharmacologie spéciale (Partim I)

PHAR2020-1	<i>Integrated practical activities</i> - <i>Integrated practical work</i> - Brigitte EVRARD, Marianne FILLET, Pierre FRANCOITTE, Michel FREDERICH, Philippe HUBERT, Géraldine PIEL, Bernard PIROTTE, AnneCatherine SERVAIS, Eric ZIEMONS - <i>Didactic stay, including industrial visits</i> - COLLÉGIALITÉ - [120h Peda. Tr.]	B1 Q2 - 40 - - - [+]	<b>2</b>
<b>Corequisite :</b>			
PHAR0003-1 - Technologie pharmaceutique et biopharmacie (partim II)			
PHAR0344-3 - Analyse des médicaments			
PHAR0343-3 - Technologie pharmaceutique et biopharmacie (partim I)			
APPR0160-2	<i>Professional development Seminar</i> - Etienne CAVALIER, Corinne CHARLIER, Alain CHASPIERRE, Christian ELSSEN, Brigitte EVRARD, Marianne FILLET, Pierre FRANCOITTE, Michel FREDERICH, Patrick HERNÉ, Philippe HUBERT, AnneLaure LENOIR, Geneviève PHILIPPE, Géraldine PIEL, Bernard PIROTTE, AnneCatherine SERVAIS - [30h LBOPS]	B2 Q2 - - [+]	<b>5</b>
<b>Corequisite :</b>			
MTFE0351-1 - Stage officinal et travail de fin d'études			

#### Compulsory Training

MTFE0351-1	<i>Officinal Internship and Thesis</i> - <i>Knowledges integration</i> - Didier CATALDO, Etienne CAVALIER, Corinne CHARLIER, Brigitte EVRARD, Marianne FILLET, Michel FREDERICH, Patrick HERNÉ, Philippe HUBERT, Bernard PIROTTE, Vincent SEUTIN, Thierry VAN HEES - <i>Record of learning and participation to clinical research project</i> - Corinne CHARLIER, Brigitte EVRARD, Marianne FILLET, Michel FREDERICH, Patrick HERNÉ, Philippe HUBERT, Geneviève PHILIPPE, Bernard PIROTTE, Thierry VAN HEES - [100h Pers. Res.] - <i>Officinal internship and Thesis</i> - Brigitte EVRARD - [6mois Internship]	B2 Q2 - - - - - [+] - - [+]	<b>25</b>
<b>Corequisite :</b>			
APPR0160-2 - Séminaires de développement professionnel			

*Notice* : students must do a placement in a pharmacy of a legal duration of six months (26 weeks), and compile a learning record (dissertation) at the same time. This placement includes a compulsory introductory two-week internship, during the summer, after the bachelor's degree. For students who have acquired a minimum of 45 ECTS from block 1 of the master's degree, they can do their placement in a pharmacy during the summer holidays before starting block 2 of the master's degree (maximum 10 weeks). The remaining number of weeks (minimum 14 weeks) can be done within the framework of block 2 of the master's (2nd term).

#### Focus to be chosen (B2 : 30Cr)

Choose one focus from the following : (B2 : 30Cr)

##### Research Focus (B2 : 30Cr)

PHAR0007-1	<i>Personal research work</i> - Gabriel CASTILLO CABELLO, Etienne CAVALIER, Corinne CHARLIER, Brigitte EVRARD, Marianne FILLET, Michel FREDERICH, MariePierre HAYETTE, Patrick HERNÉ, Philippe HUBERT, Pierrette MELIN, Bernard PIROTTE, Vincent SEUTIN, Thierry VAN HEES - [10h SOI,	B2 Q1 - - [+]	<b>15</b>
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100h Pers. Res.]

**Internship with options**

Choose a placement from among : (B2 : 15Cr)

MSTG0352-2	<i>Research internship abroad or in Belgium -</i> Gabriel CASTILLO CABELLO, Etienne CAVALIER, Corinne CHARLIER, Brigitte EVRARD, Marianne FILLET, Michel FREDERICH, MariePierre HAYETTE, Patrick HERNÉ, Philippe HUBERT, Pierrette MELIN, Bernard PIROTTE, Vincent SEUTIN, Thierry VAN HEES - [450h Internship]	B2	Q1	-	-	[+]	<b>15</b>
MSTG0353-2	<i>Developpment cooperation internship abroad -</i> Gabriel CASTILLO CABELLO, Etienne CAVALIER, Corinne CHARLIER, COLLÉGIALITÉ, Brigitte EVRARD, Marianne FILLET, Michel FREDERICH, MariePierre HAYETTE, Patrick HERNÉ, Philippe HUBERT, Pierrette MELIN, Bernard PIROTTE, Vincent SEUTIN, Thierry VAN HEES - [450h Internship]	B2	Q1	-	-	[+]	<b>15</b>
MSTG4001-1	<i>Hospital or officinal internship abroad -</i> Brigitte EVRARD, Michel FREDERICH, Patrick HERNÉ - [450h Internship]	B2	Q1	-	-	[+]	<b>15</b>

*Notice* : The internship is combined with an individual piece of research which must be publicly defended. This report must be drafted in English when it is coupled with a research internship. Regarding other types of internships, the report may be drafted in French, with the supervisor's agreement, if the internship is carried out in a French-speaking environment. In all other cases, English is required.

**Professional Focus in Creation and Development of Medicines - Bio-analysis (B2 : 30Cr)**

PHAR0005-1	<i>Introduction to specialized focus in conception and development of medicine - bioanalysis</i>	B2	Q1				<b>10</b>
	- <i>Visites industrielles</i> - Brigitte EVRARD, Marianne FILLET, Philippe HUBERT - [6h Vis. Ind. Pl. ]			-	-	[+]	
	- <i>Introduction à la biologie clinique</i> - Corinne CHARLIER, MariePierre HAYETTE, Caroline LE GOFF - [6h SEM]			-	-	[+]	
	- <i>Médicaments d'origine biosynthétique</i> - Bernard MASEREEL - [6h SEM]			-	-	[+]	
	- <i>Stratégies de découverte des médicaments</i> - Bernard PIROTTE - [3h SEM]			-	-	[+]	
	- <i>Chimie structurale des médicaments</i> - Pascal DE TULLIO, Michel FREDERICH - [3h SEM]			-	-	[+]	
	- <i>Management pharmaceutique</i> - Walid EL AZAB - [3h SEM]			-	-	[+]	
	- <i>Assurance de qualité</i> - Philippe HUBERT - [3h SEM]			-	-	[+]	
	- <i>Technologie pharmaceutique industrielle</i> - Brigitte EVRARD - [3h SEM]			-	-	[+]	
	- <i>Analyses biopharmaceutiques</i> - Marianne FILLET - [6h SEM]			-	-	[+]	
	- <i>Affaires règlementaires</i> - [3h SEM]			-	-	[+]	
	- <i>Etudes cliniques</i> - Xavier DE LEVAL - [3h SEM]			-	-	[+]	
	- <i>Méthodologie de rédaction</i> - Geneviève PHILIPPE - [3h SEM]			-	-	[+]	

**Internship with options**

**Students must choose a placement and carry out associated personal research work in the chosen scientific field. This personal research work includes writing a report (in French) which has to be defended publicly. (B2 : 20Cr)**

**Pharmacology (B2 : 20Cr)**

MSTG3350-2	<i>Training course : Pharmacology</i> - Vincent SEUTIN - [300h Internship] <b>Prerequisite :</b> PHAC0342-2 - Pharmacologie spéciale (Partim II)	B2	Q1	-	-	[+]	<b>10</b>
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PHAC0341-2 - Pharmacologie spéciale (Partim I)

**Corequisite :**

PHAC0431-1 - Travail de recherche personnel en pharmacologie

PHAC0431-1 *Personal research work of Pharmacology* - Vincent SEUTIN - B2 Q1 - - - [+] 10  
[25h SOI, 50h Pers. Res.]

**Corequisite :**

MSTG3350-2 - Stage : Pharmacologie

#### Clinical Toxicology (B2 : 20Cr)

MSTG1351-2 *Training course : Clinical toxicology* - Corinne CHARLIER - B2 Q1 - - - [+] 10  
[300h Internship]

**Prerequisite :**

TOXI0342-2 - Chimie toxicologique y compris pharmacovigilance (Partim II)

TOXI0341-2 - Chimie toxicologique, Partim I

**Corequisite :**

TOXI0704-1 - Travail de recherche personnel en toxicologie clinique

TOXI0704-1 *Personal research work in clinical toxicology* - B2 Q1 - - - [+] 10  
Corinne CHARLIER - [25h SOI, 50h Pers. Res.]

**Corequisite :**

MSTG1351-2 - Stage : Toxicologie clinique

#### Pharmaceutical chemistry (B2 : 20Cr)

MSTG0453-2 *Training : medicinal chemistry* - Bernard PIROTTE - [300h Internship] B2 Q1 - - - [+] 10

**Corequisite :**

CHIM0684-1 - Travail de recherche personnel en chimie pharmaceutique

CHIM0684-1 *Pharmaceutical Chemistry Personal Research Work* - B2 Q1 - - - [+] 10  
Bernard PIROTTE - [25h SOI, 50h Pers. Res.]

**Corequisite :**

MSTG0453-2 - Stage : Chimie pharmaceutique

#### Clinical chemistry (B2 : 20Cr)

MSTG0355-1 *Training course : Medical chemistry* - Etienne CAVALIER - B2 Q1 - - - [+] 10  
[300h Internship]

**Prerequisite :**

BIOC0341-1 - Chimie clinique (Partim II)

BIOC0340-1 - Chimie clinique (Partim I)

**Corequisite :**

CHIM0685-1 - Travail de recherche personnel en chimie clinique

CHIM0685-1 *Clinical Chemistry Personal Research Work* - B2 Q1 - - - [+] 10  
Etienne CAVALIER - [25h SOI, 50h Pers. Res.]

**Corequisite :**

MSTG0355-1 - Stage : Chimie clinique

#### Pharmaceutical Technology (B2 : 20Cr)

MSTG2350-2 *Training course : Pharmaceutical technology* - B2 Q1 - - - [+] 10  
Brigitte EVRARD - [300h Internship]

**Prerequisite :**

PHAR0343-3 - Technologie pharmaceutique et biopharmacie (partim I)

PHAR0003-1 - Technologie pharmaceutique et biopharmacie (partim II)

**Corequisite :**

PHAR1354-1 - Travail de recherche personnel en technologie pharmaceutique

PHAR1354-1 *Personal research work in pharmaceutical technologies* - B2 Q1 - - - [+] 10  
Brigitte EVRARD - [25h SOI, 50h Pers. Res.]

**Corequisite :**

MSTG2350-2 - Stage : Technologie pharmaceutique

#### Microbiology (B2 : 20Cr)

MSTG1352-2 *Internship : Microbiology* - MariePierre HAYETTE, Pierrette MELIN - [300h Internship] B2 Q1 - - [+] 10

**Prerequisite :**

MBIO0002-1 - Microbiologie pharmaceutique

**Corequisite :**

MICR0718-1 - Travail de recherche personnel en microbiologie

MICR0718-1 *Microbiology personal research work* - MariePierre HAYETTE, Pierrette MELIN - [25h SOI, 50h Pers. Res.] B2 Q1 - - [+] 10

**Corequisite :**

MSTG1352-2 - Stage : Microbiologie

#### Analysis of Medicines (B2 : 20Cr)

MSTG2352-2 *Training course : Analysis of drugs* - Marianne FILLET - [300h Internship] B2 Q1 - - [+] 10

**Prerequisite :**

PHAR0344-3 - Analyse des médicaments

**Corequisite :**

PHAR1355-1 - Travail de recherche personnel en analyse des médicaments

PHAR1355-1 *Personal research work in medicines analysis* - Marianne FILLET - [25h SOI, 50h Pers. Res.] B2 Q1 - - [+] 10

**Corequisite :**

MSTG2352-2 - Stage : Analyse des médicaments

#### Pharmacognosy (B2 : 20Cr)

MSTG0358-2 *Period of instruction in the laboratory of pharmacognosy* - Michel FREDERICH - [300h Internship] B2 Q1 - - [+] 10

**Corequisite :**

PHAR0718-1 - Travail de recherche personnel en pharmacognosie

PHAR0718-1 *Personal research work in Pharmacognosy* - Michel FREDERICH - [25h SOI, 50h Pers. Res.] B2 Q1 - - [+] 10

**Corequisite :**

MSTG0358-2 - Stage : Pharmacognosie

#### Pharmaceutical analytical chemistry (B2 : 20Cr)

MSTG1353-2 *Placement : Pharmaceutical analytical chemistry* - Philippe HUBERT - [300h Internship] B2 Q1 - - [+] 10

**Corequisite :**

CHIM0358-1 - Travail de recherche personnel en chimie analytique pharmaceutique

CHIM0358-1 *Personal research work in pharmaceutical analytical chemistry* - Philippe HUBERT - [25h SOI, 50h Pers. Res.] B2 Q1 - - [+] 10

**Corequisite :**

MSTG1353-2 - Stage : Chimie analytique pharmaceutique

#### Industry pharmacy (B2 : 20Cr)

MSTG2048-2 *Placement : industrial practices* - Brigitte EVRARD, Marianne FILLET, Michel FREDERICH, Philippe HUBERT, Bernard PIROTTE, Vincent SEUTIN - [300h Internship] B2 Q1 - - [+] 10

**Corequisite :**

PHAR2024-1 - Travail de recherche personnel en pratiques pharmaceutiques industrielles

PHAR2024-1 *Personal research work in industrial pharmaceutical practice* - Brigitte EVRARD, Marianne FILLET, Michel FREDERICH, Philippe HUBERT, Bernard PIROTTE, Vincent SEUTIN - [25h SOI, 50h Pers. Res.] B2 Q1 - - [+] 10

**Corequisite :**

MSTG2048-2 - Stage : Pratiques industrielles

#### Professional focus in Pharmacy Practices, Advice and Follow-up (B2 : 30Cr)

**Compulsory course**

PHAR0006-1	<i>Introduction to professional focus in officinal practice, advice and pharmaceutical follow-up</i>	B2	Q1				<b>10</b>
	- <i>Gestion des médicaments anti-infectieux</i> - [6h SEM]			-	-	[+]	
	- <i>Complément de phytothérapie</i> - Michel FREDERICH - [6h SEM]			-	-	[+]	
	- <i>Dermopharmacie</i> - Arjen NIKKELS, Géraldine PIEL - [6h SEM]			-	-	[+]	
	- <i>Gestion officinale</i> - Alain CHASPIERRE - [6h SEM]			-	-	[+]	
	- <i>Approche critique de l'homéopathie</i> - Patricia BODART - [3h SEM]			-	-	[+]	
	- <i>Mycologie</i> - Gabriel CASTILLO CABELLO - [3h SEM]			-	-	[+]	
	- <i>Soins lourds à domicile</i> - Thierry VAN HEES - [3h SEM]			-	-	[+]	
	- <i>Médicaments à usage vétérinaire</i> - Brigitte EVRARD, Pascal GUSTIN, Bernard PIROTTE - [3h SEM]			-	-	[+]	
	- <i>Approche critique des compléments alimentaires</i> - Michel FREDERICH, Nicolas PAQUOT - [3h SEM]			-	-	[+]	
	- <i>Médicaments, grossesse et allaitement</i> - Corinne CHARLIER - [3h SEM]			-	-	[+]	
	- <i>Médicaments chez la personne âgée</i> - Jean PETERMANS, Audrey SAMALEASUAREZ, Thierry VAN HEES - [3h SEM]			-	-	[+]	
	- <i>Méthodologie de rédaction</i> - Geneviève PHILIPPE - [3h SEM]			-	-	[+]	

**Internship with options**

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**Pharmacognosy (B2 : 20Cr)**

MSTG0358-2	<i>Period of instruction in the laboratory of pharmacognosy</i> - Michel FREDERICH - [300h Internship]	B2	Q1	-	-	[+]	<b>10</b>
	<b>Corequisite :</b> PHAR0718-1 - Travail de recherche personnel en pharmacognosie						
PHAR0718-1	<i>Personal research work in Pharmacognosy</i> - Michel FREDERICH - [25h SOI, 50h Pers. Res.]	B2	Q1	-	-	[+]	<b>10</b>
	<b>Corequisite :</b> MSTG0358-2 - Stage : Pharmacognosie						

**Mycology (B2 : 20Cr)**

MSTG0350-2	<i>Internship: Mycology</i> - Gabriel CASTILLO CABELLO - [300h Internship]	B2	Q1	-	-	[+]	<b>10</b>
	<b>Corequisite :</b> BOTA0411-1 - Travail de recherche personnel en mycologie						
BOTA0411-1	<i>Mycology Personal Research Work</i> - Gabriel CASTILLO CABELLO - [25h SOI, 50h Pers. Res.]	B2	Q1	-	-	[+]	<b>10</b>
	<b>Corequisite :</b> MSTG0350-2 - Stage : Mycologie						

**Clinical Toxicology (B2 : 20Cr)**

MSTG1351-2	<i>Training course : Clinical toxicology</i> - Corinne CHARLIER - [300h Internship]	B2	Q1	-	-	[+]	<b>10</b>
	<b>Prerequisite :</b> TOXI0342-2 - Chimie toxicologique y compris pharmacovigilance (Partim II) TOXI0341-2 - Chimie toxicologique, Partim I						
	<b>Corequisite :</b> TOXI0704-1 - Travail de recherche personnel en toxicologie clinique						
TOXI0704-1	<i>Personal research work in clinical toxicology</i> - Corinne CHARLIER - [25h SOI, 50h Pers. Res.]	B2	Q1	-	-	[+]	<b>10</b>
	<b>Corequisite :</b> MSTG1351-2 - Stage : Toxicologie clinique						

#### Pharmaceutical chemistry (B2 : 20Cr)

MSTG0453-2	<i>Training : medicinal chemistry</i> - Bernard PIROTTE - [300h Internship] <b>Corequisite :</b> CHIM0684-1 - Travail de recherche personnel en chimie pharmaceutique	B2	Q1	-	-	[+]	<b>10</b>
CHIM0684-1	<i>Pharmaceutical Chemistry Personal Research Work</i> - Bernard PIROTTE - [25h SOI, 50h Pers. Res.] <b>Corequisite :</b> MSTG0453-2 - Stage : Chimie pharmaceutique	B2	Q1	-	-	[+]	<b>10</b>

#### Clinical Pharmacy (B2 : 20Cr)

MSTG0461-2	<i>Clinical pharmacy placements in hospitals</i> - Thierry VAN HEES - Suppl : COLLÉGIALITÉ - [300h Internship] <b>Prerequisite :</b> PHAR0004-1 - Pharmacothérapie et soins pharmaceutiques <b>Corequisite :</b> PHAR0719-1 - Travail personnel sur l'application des soins pharmaceutiques en milieu hospitalier	B2	Q1	-	-	[+]	<b>10</b>
PHAR0719-1	<i>Personal work on the application of pharmaceutical care in hospitals</i> - Thierry VAN HEES - Suppl : COLLÉGIALITÉ - [25h SOI, 50h Pers. Res.] <b>Corequisite :</b> MSTG0461-2 - Stage de Pharmacie clinique en milieu hospitalier	B2	Q1	-	-	[+]	<b>10</b>

#### Clinical chemistry (B2 : 20Cr)

MSTG0355-1	<i>Training course : Medical chemistry</i> - Etienne CAVALIER - [300h Internship] <b>Prerequisite :</b> BIOC0341-1 - Chimie clinique (Partim II) BIOC0340-1 - Chimie clinique (Partim I) <b>Corequisite :</b> CHIM0685-1 - Travail de recherche personnel en chimie clinique	B2	Q1	-	-	[+]	<b>10</b>
CHIM0685-1	<i>Clinical Chemistry Personal Research Work</i> - Etienne CAVALIER - [25h SOI, 50h Pers. Res.] <b>Corequisite :</b> MSTG0355-1 - Stage : Chimie clinique	B2	Q1	-	-	[+]	<b>10</b>

#### Pharmaceutical Technology (B2 : 20Cr)

MSTG2350-2	<i>Training course : Pharmaceutical technology</i> - Brigitte EVRARD - [300h Internship] <b>Prerequisite :</b> PHAR0003-1 - Technologie pharmaceutique et biopharmacie (partim II) PHAR0343-3 - Technologie pharmaceutique et biopharmacie (partim I) <b>Corequisite :</b> PHAR1354-1 - Travail de recherche personnel en technologie pharmaceutique	B2	Q1	-	-	[+]	<b>10</b>
PHAR1354-1	<i>Personal research work in pharmaceutical technologies</i> - Brigitte EVRARD - [25h SOI, 50h Pers. Res.] <b>Corequisite :</b> MSTG2350-2 - Stage : Technologie pharmaceutique	B2	Q1	-	-	[+]	<b>10</b>

#### Microbiology (B2 : 20Cr)

MSTG1352-2	<i>Internship : Microbiology</i> - MariePierre HAYETTE, Pierrette MELIN - [300h Internship] <b>Prerequisite :</b> MBIO0002-1 - Microbiologie pharmaceutique <b>Corequisite :</b> MICR0718-1 - Travail de recherche personnel en microbiologie	B2	Q1	-	-	[+]	<b>10</b>
MICR0718-1	<i>Microbiology personal research work</i> -	B2	Q1	-	-	[+]	<b>10</b>

, Pierrette MELIN - [25h SOI, 50h Pers. Res.]

**Corequisite :**

MSTG1352-2 - Stage : Microbiologie

**Legislation and pharmaceutical deontology (B2 : 20Cr)**

MSTG2144-1 *Placement : Legislation and Pharmaceutical Ethics -* B2 Q1 - - [+] 10  
Patrick HERNÉ - [300h Internship]

**Prerequisite :**

LEGI0340-2 - Législation et déontologie pharmaceutiques

**Corequisite :**

DEON0712-1 - Travail de recherche personnel en législation et déontologie pharmaceutiques

DEON0712-1 *Legislation and Pharamceutical ethic personal research work -* B2 Q1 - - [+] 10  
Patrick HERNÉ - [25h SOI, 50h Pers. Res.]

**Corequisite :**

MSTG2144-1 - Stage : Législation et déontologie pharmaceutiques

**Hospital Pharmacy (B2 : 20Cr)**

MSTG2045-2 *Placement-project in hospital and clinical pharmacy - - Suppl :* B2 Q1 - - [+] 10  
COLLÉGIALITÉ - [300h Internship]

**Prerequisite :**

PHAR0004-1 - Pharmacothérapie et soins pharmaceutiques

**Corequisite :**

PHAR2022-1 - Travail de recherche personnel en pratique hospitalière et clinique

PHAR2022-1 *Personal research work in hospital and clinical practice - -* B2 Q1 - - [+] 10  
Suppl : COLLÉGIALITÉ - [25h SOI, 50h Pers. Res.]

**Corequisite :**

MSTG2045-2 - Stage-projet en pharmacie hospitalière et clinique

**Analysis of Medicines (B2 : 20Cr)**

MSTG2352-2 *Training course : Analysis of drugs -* Marianne FILLET - [300h B2 Q1 - - [+] 10  
Internship]

**Prerequisite :**

PHAR0344-3 - Analyse des médicaments

**Corequisite :**

PHAR1355-1 - Travail de recherche personnel en analyse des médicaments

PHAR1355-1 *Personal research work in medicines analysis -* B2 Q1 - - [+] 10  
Marianne FILLET - [25h SOI, 50h Pers. Res.]

**Corequisite :**

MSTG2352-2 - Stage : Analyse des médicaments

**Pharmacy practice (B2 : 20Cr)**

MSTG2046-2 *Internship : officinale practice -* Brigitte EVRARD, B2 Q1 - - [+] 10  
Patrick HERNÉ, Bernard PIROTTE - [300h Internship]

**Corequisite :**

PHAR2023-1 - Travail de recherche personnel en pratique officinale

PHAR2023-1 *Personal research work in officinal practice -* B2 Q1 - - [+] 10  
Brigitte EVRARD, Patrick HERNÉ, Bernard PIROTTE - [25h SOI, 50h Pers. Res.]

**Corequisite :**

MSTG2046-2 - Stage : Pratique officinale

**Pharmaceutical analytical chemistry (B2 : 20Cr)**

MSTG1353-2 *Placement : Pharmaceutical analytical chemistry -* B2 Q1 - - [+] 10  
Philippe HUBERT - [300h Internship]

**Corequisite :**

CHIM0358-1 - Travail de recherche personnel en chimie analytique pharmaceutique

CHIM0358-1 *Personal research work in pharmaceutical analytical* B2 Q1 - - [+] 10  
*chemistry -* Philippe HUBERT - [25h SOI, 50h Pers. Res.]

**Corequisite :**

MSTG1353-2 - Stage : Chimie analytique pharmaceutique