

Block view of the study programme

Or Th Pr Au Cr

Bloc 1 du programme de l'année

Compulsory courses

PHAR0344-3	<i>Medicines analysis</i> - Marianne FILLET	Q1	45	28	-	7
PHAR0343-3	<i>Pharmaceutical technologies and biopharmacy (part I)</i> - Brigitte EVRARD	Q1	20	60	-	4
PHAC0341-2	<i>Special pharmacology (Part I)</i> - Vincent SEUTIN	Q1	25	-	-	3
TOXI0341-2	<i>Toxicological chemistry including pharmacovigilance (part I)</i> - Corinne CHARLIER - [12h SEM]	Q1	25	-	[+]	4
BIOC0340-1	<i>Clinical Chemistry (Part I)</i> - Etienne CAVALIER - [12h SEM]	Q1	22	-	[+]	4
MBIO0002-1	<i>Pharmaceutical Microbiology</i> - Pierrette MELIN	Q1	16	-	-	2
PHAR2018-1	<i>Officinal pharmaceutical good practices</i> - Patrick HERNÉ - [6h SEM] Corequisite : PHAR0343-3 - Technologie pharmaceutique et biopharmacie (partim I)	Q1	10	-	[+]	2
ECON0340-1	<i>Pharmacoeconomy</i> - Thierry VAN HEES	Q1	10	-	-	1
PHAR0003-1	<i>Pharmaceutical technologies and biopharmacy (part II)</i> - Brigitte EVRARD - [5h SEM] Corequisite : PHAR0343-3 - Technologie pharmaceutique et biopharmacie (partim I) PHAR0347-3 - Travaux pratiques - Technologie pharmaceutique et biopharmacie	Q2	25	-	[+]	4
PHAR0347-3	<i>Practical work - Pharmaceutical technologies and Biopharmacy</i> - Brigitte EVRARD Corequisite : PHAR0003-1 - Technologie pharmaceutique et biopharmacie (partim II)	Q2	-	32	-	2
PHAC0342-2	<i>Special pharmacology (Part II)</i> - Vincent SEUTIN Corequisite : PHAC0341-2 - Pharmacologie spéciale (Partim I)	Q2	20	-	-	2
TOXI0342-2	<i>Clinical Toxicology and adverse drug events monitoring (Part II)</i> - Corinne CHARLIER - [12h SEM] Corequisite : TOXI0341-2 - Chimie toxicologique y compris pharmacovigilance (Partim I)	Q2	25	-	[+]	4
BIOC0341-1	<i>Clinical chemistry (2nd part)</i> - Etienne CAVALIER - [12h SEM] Corequisite : BIOC0340-1 - Chimie clinique (Partim I)	Q2	23	-	[+]	4
PHAR0004-1	<i>Pharmacotherapy and pharmaceutical cares</i> - Thierry VAN HEES - [10h SEM] Corequisite : PHAC0341-2 - Pharmacologie spéciale (Partim I) PHAC0342-2 - Pharmacologie spéciale (Partim II)	Q2	30	-	[+]	5
SANT0005-1	<i>Therapeutic approach</i> - Didier CATALDO, Thierry VAN HEES - [30h SI] Corequisite : PHAC0341-2 - Pharmacologie spéciale (Partim I) PHAC0342-2 - Pharmacologie spéciale (Partim II)	Q2	-	-	[+]	3
LEGI0340-2	<i>Legislation and pharmaceutical ethics</i> - Patrick HERNÉ Corequisite : PHAR0344-3 - Analyse des médicaments TOXI0342-2 - Chimie toxicologique y compris pharmacovigilance (Partim II)	Q2	30	-	-	4
PHAR2219-1	<i>Integrated work 2</i> - Corinne CHARLIER, Brigitte EVRARD, Marianne FILLET, Pierre FRANCOTTE, Michel FREDERICH, Philippe HUBERT, Jacqueline MOREAU, Géraldine PIEL, Bernard PIROTTE, AnneCatherine SERVAIS, Vincent SEUTIN, Eric ZIEMONS - [30h LBOPS] Corequisite :	Q2	-	-	[+]	3

Study programmes 2015-2016

Faculty of Medicine

Master in pharmacy (120 ECTS)

PHAC0341-2 - Pharmacologie spéciale (Partim I)
 PHAC0342-2 - Pharmacologie spéciale (Partim II)
 PHAR0343-3 - Technologie pharmaceutique et biopharmacie (partim I)
 PHAR0344-3 - Analyse des médicaments
 PHAR0003-1 - Technologie pharmaceutique et biopharmacie (partim II)

PHAR2020-1 *Integrated practical work* - Brigitte EVRARD, Marianne FILLET, Pierre FRANCOTTE, Michel FREDERICH, Philippe HUBERT, Géraldine PIEL, Bernard PIROTTE, AnneCatherine SERVAIS, Eric ZIEMONS Q2 - 40 - 2

Corequisite :
 PHAR0343-3 - Technologie pharmaceutique et biopharmacie (partim I)
 PHAR0344-3 - Analyse des médicaments
 PHAR0003-1 - Technologie pharmaceutique et biopharmacie (partim II)

Compulsory training

A didactic placement is organised abroad during the winter half-term break. It includes visits to several pharmaceutical industries.

Bloc 2 du programme de l'année

Compulsory courses

MTFE0351-1 *Officinal Internship and Thesis* Q2 - - - 28

- *Knowledges integration* - Didier CATALDO, Etienne CAVALIER, Corinne CHARLIER, Brigitte EVRARD, Marianne FILLET, Michel FREDERICH, Patrick HERNÉ, Philippe HUBERT, Bernard PIROTTE, Vincent SEUTIN, Thierry VAN HEES

- *Record of learning and participation to clinical research project* - Corinne CHARLIER, Brigitte EVRARD, Marianne FILLET, Michel FREDERICH, Patrick HERNÉ, Philippe HUBERT, Geneviève PHILIPPE, Bernard PIROTTE, Thierry VAN HEES - [100h Pers. Res.] - - [+]

- *Officinal internship and Thesis* - Brigitte EVRARD - [6mois Internship] - - [+]

Corequisite :

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 two-week observation period, 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).

APPR0160-2 *Professional development Seminar* - COLLÉGIALITÉ, Geneviève PHILIPPE - [30h LBOPS] Q2 - - [+] 2

Corequisite :
 MTFE0351-1 - Stage officinal et travail de fin d'études

Focus to be chosen

Choose one focus from the following :

Research Focus

PHAR0007-1 *Personal research work* - 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, 100h Pers. Res.] Q1 - - [+] 15

Internship with options

Choose one of the following courses :

MSTG0352-2 *Research internship abroad* - Gabriel CASTILLO CABELLO, Etienne CAVALIER, Corinne CHARLIER, COLLÉGIALITÉ, Q1 - - [+] 15

VRARD, Marianne FILLET, Michel FREDERICH,
MariePierre HAYETTE, Patrick HERNÉ, Philippe HUBERT,
Pierrette MELIN, Bernard PIROTTE, Vincent SEUTIN,
Thierry VAN HEES - [450h Internship]

MSTG0353-2 *Developpment cooperation internship abroad -* Q1 - - [+] **15**
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]

MSTG0354-1 *Research internship in francophone Belgium -* Q1 - - [+] **15**
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]

Notice : the placement is associated with personal research which is the subject of a report in English, which has to be publicly defended.

Professional Focus in Creation and Development of Medicines - Bio-analysis

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

Analysis of Medicines

MSTG2352-2 *Training course : Analysis of drugs -* Marianne FILLET - [300h Internship] Q1 - - [+] **10**
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.] Q1 - - [+] **10**
Corequisite :
MSTG2352-2 - Stage : Analyse des médicaments

Analytical Chemistry

MSTG1353-2 *Training course : Analytical chemistry -* Philippe HUBERT - [300h Internship] Q1 - - [+] **10**

Corequisite :

CHIM0358-1 - Travail de recherche personnel en chimie analytique

CHIM0358-1 *Analytical Chemistry Personal Research Work* - Philippe HUBERT - Q1 - - - [+] 10
[25h SOI, 50h Pers. Res.]

Corequisite :

MSTG1353-2 - Stage : Chimie analytique

Clinical chemistry

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

Prerequisite :

BIOC0340-1 - Chimie clinique (Partim I)

BIOC0341-1 - Chimie clinique (Partim II)

Corequisite :

CHIM0685-1 - Travail de recherche personnel en chimie clinique

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

Corequisite :

MSTG0355-1 - Stage : Chimie clinique

Pharmaceutical chemistry

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

Corequisite :

CHIM0684-1 - Travail de recherche personnel en chimie pharmaceutique

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

Corequisite :

MSTG0453-2 - Stage : Chimie pharmaceutique

Microbiology

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

Corequisite :

MSTG1352-2 - Stage : Microbiologie

Pharmacognosy

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

Corequisite :

MSTG0358-2 - Stage : Pharmacognosie

Pharmacology

MSTG3350-2 *Training course : Pharmacology* - Vincent SEUTIN - [300h Internship] Q1 - - - [+] 10

Prerequisite :

PHAC0341-2 - Pharmacologie spéciale (Partim I)

PHAC0342-2 - Pharmacologie spéciale (Partim II)

Corequisite :

PHAC0431-1 - Travail de recherche personnel en pharmacologie

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

Corequisite :

MSTG3350-2 - Stage : Pharmacologie

Pharmaceutical industry practices

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

Corequisite :

MSTG2048-2 - Stage : Pratiques industrielles

Pharmaceutical Technology

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

Prerequisite :

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

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

Corequisite :

PHAR1354-1 - Travail de recherche personnel en technologie pharmaceutique

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

Corequisite :

MSTG2350-2 - Stage : Technologie pharmaceutique

Clinical Toxicology

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

Prerequisite :

TOXI0341-2 - Chimie toxicologique y compris pharmacovigilance (Partim I)

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

Corequisite :

TOXI0704-1 - Travail de recherche personnel en toxicologie clinique

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

Corequisite :

MSTG1351-2 - Stage : Toxicologie clinique

Professional focus in Pharmacy Practices, Advice and Follow-up

PHAR0006-1 *Introduction to professional focus in officinal practice, advice and pharmaceutical follow-up* Q1 10

- *Gestion des médicaments anti-infectieux* - Thierry VAN HEES - [6h SEM] - - - [+]
- *Complément de phytothérapie* - Michel FREDERICH - [6h SEM] - - - [+]
- *Dermopharmacie* - Arjen NIKKELS, Géraldine PIEL - [6h SEM] - - - [+]
- *Gestion officinale* - Alain CHASPIERRE - [6h SEM] - - - [+]
- *Approche critique de l'homéopathie* - Monique TITS - [3h SEM] - - - [+]
- *Mycologie* - Gabriel CASTILLO CABELLO - [3h SEM] - - - [+]
- *Soins lourds à domicile* - Yvan HUON, Thierry VAN HEES - [3h SEM] - - - [+]
- *Médicaments à usage vétérinaire* - 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

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.

Analysis of Medicines

MSTG2352-2	<i>Training course : Analysis of drugs</i> - Marianne FILLET - [300h Internship] Prerequisite : PHAR0344-3 - Analyse des médicaments Corequisite : PHAR1355-1 - Travail de recherche personnel en analyse des médicaments	Q1	-	-	[+]	10
PHAR1355-1	<i>Personal research work in medicines analysis</i> - Marianne FILLET - [25h SOI, 50h Pers. Res.] Corequisite : MSTG2352-2 - Stage : Analyse des médicaments	Q1	-	-	[+]	10

Analytical Chemistry

MSTG1353-2	<i>Training course : Analytical chemistry</i> - Philippe HUBERT - [300h Internship] Corequisite : CHIM0358-1 - Travail de recherche personnel en chimie analytique	Q1	-	-	[+]	10
CHIM0358-1	<i>Analytical Chemistry Personal Research Work</i> - Philippe HUBERT - [25h SOI, 50h Pers. Res.] Corequisite : MSTG1353-2 - Stage : Chimie analytique	Q1	-	-	[+]	10

Clinical chemistry

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

Pharmaceutical chemistry

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

Legislation and pharmaceutical deontology

MSTG2144-1 *Placement : Legislation and Pharmaceutical Ethics* - Patrick HERNÉ Q1 - - [+] 10
- [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* - Patrick HERNÉ - [25h SOI, 50h Pers. Res.] Q1 - - [+] 10

Corequisite :

MSTG2144-1 - Stage : Législation et déontologie pharmaceutiques

Microbiology

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

Prerequisite :

MBIO0002-1 - Microbiologie pharmaceutique

Corequisite :

MICR0718-1 - Travail de recherche personnel en microbiologie

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

Corequisite :

MSTG1352-2 - Stage : Microbiologie

Mycology

MSTG0350-2 *Internship: Mycology* - Gabriel CASTILLO CABELLO - [300h Internship] Q1 - - [+] 10

Corequisite :

BOTA0411-1 - Travail de recherche personnel en mycologie

BOTA0411-1 *Mycology Personal Research Work* - Gabriel CASTILLO CABELLO - [25h SOI, 50h Pers. Res.] Q1 - - [+] 10

Corequisite :

MSTG0350-2 - Stage : Mycologie

Clinical Pharmacy

MSTG0461-2 *Clinical pharmacy placements in hospitals* - Thierry VAN HEES - [300h Internship] Q1 - - [+] 10

Prerequisite :

PHAR0004-1 - Pharmacothérapie et soins pharmaceutiques

Corequisite :

PHAR0719-1 - Travail de recherche en pharmacie clinique en milieu hospitalier

PHAR0719-1 *Research work in clinical pharmacy in hospital setting* - Thierry VAN HEES - [25h SOI, 50h Pers. Res.] Q1 - - [+] 10

Corequisite :

MSTG0461-2 - Stage de pharmacie clinique en milieu hospitalier

Hospital Pharmacy

MSTG2045-2 *Placement : Hospital pharmacy* - Thierry VAN HEES - [300h Internship] Q1 - - [+] 10

Prerequisite :

PHAR0004-1 - Pharmacothérapie et soins pharmaceutiques

Corequisite :

PHAR2022-1 - Travail de recherche personnel en pratique hospitalière

PHAR2022-1 *Personal research work in hospital practice* - Thierry VAN HEES - [25h SOI, 50h Pers. Res.] Q1 - - [+] 10

Corequisite :

MSTG2045-2 - Stage : Pharmacie hospitalière

Pharmacognosy

MSTG0358-2	<i>Period of instruction in the laboratory of pharmacognosy</i> - Michel FREDERICH - [300h Internship]	Q1	-	-	[+]	10
	Corequisite : PHAR0718-1 - Travail de recherche personnel en pharmacognosie					
PHAR0718-1	<i>Personal research work in Pharmacognosy</i> - Michel FREDERICH - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10
	Corequisite : MSTG0358-2 - Stage : Pharmacognosie					
Pharmacy practice						
MSTG2046-2	<i>Internship : officinale practice</i> - Patrick HERNÉ - [300h Internship]	Q1	-	-	[+]	10
	Corequisite : PHAR2023-1 - Travail de recherche personnel en pratique officinale					
PHAR2023-1	<i>Personal research work in officinal practice</i> - Patrick HERNÉ - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10
	Corequisite : MSTG2046-2 - Stage : Pratique officinale					
Pharmaceutical Technology						
MSTG2350-2	<i>Training course : Pharmaceutical technology</i> - Brigitte EVRARD - [300h Internship]	Q1	-	-	[+]	10
	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	<i>Personal research work in pharmaceutical technologies</i> - Brigitte EVRARD - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10
	Corequisite : MSTG2350-2 - Stage : Technologie pharmaceutique					
Clinical Toxicology						
MSTG1351-2	<i>Training course : Clinical toxicology</i> - Corinne CHARLIER - [300h Internship]	Q1	-	-	[+]	10
	Prerequisite : TOXI0341-2 - Chimie toxicologique y compris pharmacovigilance (Partim I) TOXI0342-2 - Chimie toxicologique y compris pharmacovigilance (Partim II)					
	Corequisite : 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.]	Q1	-	-	[+]	10
	Corequisite : MSTG1351-2 - Stage : Toxicologie clinique					

Programme transitoire à destination des étudiants ayant réussi leur master 1 de "Master en sciences pharmaceutiques, à finalité spécialisée en pratique officinale, conseil et suivi pharmaceutique" en 2014-2015

Bloc 1 du programme de l'année

Optional courses

Focus courses

Professional focus in Pharmacy Practices, Advice and Follow-up

PHAR0006-1	<i>Introduction to professional focus in officinal practice, advice and pharmaceutical follow-up</i>	Q1			10
	- <i>Gestion des médicaments anti-infectieux</i> - Thierry VAN HEES - [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> - Monique TITS - [3h SEM]	-	-	[+]	
	- <i>Mycologie</i> - Gabriel CASTILLO CABELLO - [3h SEM]	-	-	[+]	
	- <i>Soins lourds à domicile</i> - Yvan HUON, 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 option

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.

Pharmacognosy

MSTG0358-2	<i>Period of instruction in the laboratory of pharmacognosy</i> - Michel FREDERICH - [300h Internship]	Q1	-	-	[+]	10
PHAR0718-1	<i>Personal research work in Pharmacognosy</i> - Michel FREDERICH - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10

Mycology

MSTG0350-2	<i>Internship: Mycology</i> - Gabriel CASTILLO CABELLO - [300h Internship]	Q1	-	-	[+]	10
BOTA0411-1	<i>Mycology Personal Research Work</i> - Gabriel CASTILLO CABELLO - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10

Clinical Toxicology

MSTG1351-2	<i>Training course : Clinical toxicology</i> - Corinne CHARLIER - [300h Internship]	Q1	-	-	[+]	10
TOXI0704-1	<i>Personal research work in clinical toxicology</i> - Corinne CHARLIER - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10

Pharmaceutical chemistry

MSTG0453-2	<i>Training : medicinal chemistry</i> - Bernard PIROTTE - [300h Internship]	Q1	-	-	[+]	10
CHIM0684-1	<i>Pharmaceutical Chemistry Personal Research Work</i> - Bernard PIROTTE - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10

Clinical Pharmacy

MSTG0461-2	<i>Clinical pharmacy placements in hospitals</i> - Thierry VAN HEES - [300h Internship]	Q1	-	-	[+]	10
PHAR0719-1	<i>Research work in clinical pharmacy in hospital setting</i> - Thierry VAN HEES - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10

Pharmaceutical Technology

MSTG2350-2	<i>Training course : Pharmaceutical technology</i> - Brigitte EVRARD - [300h Internship]	Q1	-	-	[+]	10
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Study programmes 2015-2016

Faculty of Medicine

Master in pharmacy (120 ECTS)

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

Microbiology

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

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

Legislation and pharmaceutical deontology

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

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

Hospital Pharmacy

MSTG2045-2 *Placement : Hospital pharmacy -* Thierry VAN HEES - [300h Q1 - - [+] 10
Internship]

PHAR2022-1 *Personal research work in hospital practice -* Thierry VAN HEES - Q1 - - [+] 10
[25h SOI, 50h Pers. Res.]

Belgian Pharmaceutical Association

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

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

Analytical Chemistry

MSTG1353-2 *Training course : Analytical chemistry -* Philippe HUBERT - [300h Q1 - - [+] 10
Internship]

CHIM0358-1 *Analytical Chemistry Personal Research Work -* Philippe HUBERT - Q1 - - [+] 10
[25h SOI, 50h Pers. Res.]

Clinical chemistry

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

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

Pharmacy practice

MSTG2046-2 *Internship : officinale practice -* Patrick HERNÉ - [300h Internship] Q1 - - [+] 10

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

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 two-week observation period, 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).

Compulsory courses

MTFE0351-1 *Officinal Internship and Thesis* Q2 - - 28
- *Knowledges integration -* Didier CATALDO, Etienne CAVALIER,

HARLIER, Brigitte EVRARD, Marianne FILLET, Michel FREDERICH,
Patrick HERNÉ, Philippe HUBERT, Bernard PIROTTE, Vincent SEUTIN,
Thierry VAN HEES

- *Record of learning and participation to clinical research project* - - - [+]

Corinne CHARLIER, Brigitte EVRARD, Marianne FILLET, Michel FREDERICH,
Patrick HERNÉ, Philippe HUBERT, Geneviève PHILIPPE, Bernard PIROTTE,
Thierry VAN HEES - [100h Pers. Res.]

- *Official internship and Thesis* - Brigitte EVRARD - [6mois Internship] - - - [+]

APPR0160-2 *Professional development Seminar* - COLLÉGIALITÉ, Geneviève PHILIPPE - Q2 - - - [+] **2**
[30h LBOPS]

Programme transitoire à destination des étudiants ayant réussi leur master 1 de "Master en sciences pharmaceutiques, à finalité spécialisée en conception et développement du médicament - bioanalyse" en 2014-2015

Bloc 1 du programme de l'année

Optional courses

Focus courses

Professional focus in drug design and development - bioanalysis

PHAR0005-1	<i>Introduction to specialized focus in conception and development of medicine - bioanalysis</i>	Q1			10
	- <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 réglementaires</i> - Philippe HUBERT - [3h SEM]	-	-	[+]	
	- <i>Etudes cliniques</i> - Xavier DE LEVAL - [3h SEM]	-	-	[+]	
	- <i>Méthodologie de rédaction</i> - Geneviève PHILIPPE - [3h SEM]	-	-	[+]	

Internship with options

Choose one module from :

Pharmacognosy

MSTG0358-2	<i>Period of instruction in the laboratory of pharmacognosy</i> - Michel FREDERICH - [300h Internship]	Q1	-	-	[+]	10
PHAR0718-1	<i>Personal research work in Pharmacognosy</i> - Michel FREDERICH - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10

Clinical Toxicology

MSTG1351-2	<i>Training course : Clinical toxicology</i> - Corinne CHARLIER - [300h Internship]	Q1	-	-	[+]	10
TOXI0704-1	<i>Personal research work in clinical toxicology</i> - Corinne CHARLIER -	Q1	-	-	[+]	10

[25h SOI, 50h Pers. Res.]

Pharmaceutical chemistry

MSTG0453-2	<i>Training : medicinal chemistry</i> - Bernard PIROTTE - [300h Internship]	Q1	-	-	[+]	10
CHIM0684-1	<i>Pharmaceutical Chemistry Personal Research Work</i> - Bernard PIROTTE - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10

Clinical chemistry

MSTG0355-1	<i>Training course : Medical chemistry</i> - Etienne CAVALIER - [300h Internship]	Q1	-	-	[+]	10
CHIM0685-1	<i>Clinical Chemistry Personal Research Work</i> - Etienne CAVALIER - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10

Pharmaceutical Technology

MSTG2350-2	<i>Training course : Pharmaceutical technology</i> - Brigitte EVRARD - [300h Internship]	Q1	-	-	[+]	10
PHAR1354-1	<i>Personal research work in pharmaceutical technologies</i> - Brigitte EVRARD - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	75

Microbiology

MSTG1352-2	<i>Internship : Microbiology</i> - MariePierre HAYETTE, Pierrette MELIN - [300h Internship]	Q1	-	-	[+]	10
MICR0718-1	<i>Microbiology personal research work</i> - MariePierre HAYETTE, Pierrette MELIN - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10

Analysis of Medicines

MSTG2352-2	<i>Training course : Analysis of drugs</i> - Marianne FILLET - [300h Internship]	Q1	-	-	[+]	10
PHAR1355-1	<i>Personal research work in medicines analysis</i> - Marianne FILLET - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10

Analytical Chemistry

MSTG1353-2	<i>Training course : Analytical chemistry</i> - Philippe HUBERT - [300h Internship]	Q1	-	-	[+]	10
CHIM0358-1	<i>Analytical Chemistry Personal Research Work</i> - Philippe HUBERT - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10

Pharmacology

MSTG3350-2	<i>Training course : Pharmacology</i> - Vincent SEUTIN - [300h Internship]	Q1	-	-	[+]	10
PHAC0431-1	<i>Personal research work of Pharmacology</i> - Vincent SEUTIN - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10

Industry training

MSTG2048-2	<i>Placement : industrial practices</i> - Brigitte EVRARD, Marianne FILLET, Michel FREDERICH, Philippe HUBERT, Bernard PIROTTE, Vincent SEUTIN - [300h Internship]	Q1	-	-	[+]	10
PHAR2024-1	<i>Personal research work in industrial pharmaceutical practice</i> - Brigitte EVRARD, Marianne FILLET, Michel FREDERICH, Philippe HUBERT, Bernard PIROTTE, Vincent SEUTIN - [25h SOI, 50h Pers. Res.]	Q1	-	-	[+]	10

Compulsory courses

MTFE0351-1	<i>Officinal Internship and Thesis</i>	Q2				28
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	- <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>Official internship and Thesis</i> - Brigitte EVRARD - [6mois Internship]	-	-	[+]	
APPR0160-2	<i>Professional development Seminar</i> - COLLÉGIALITÉ, Geneviève PHILIPPE - [30h LBOPS]	Q2	-	-	[+] 2

Programme transitoire à destination des étudiants ayant réussi leur master 1 de "Master en sciences pharmaceutiques, à finalité approfondie" en 2014-2015

Bloc 1 du programme de l'année

Optional courses

Focus courses

Research Focus

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, 100h Pers. Res.]	Q1	-	-	[+] 15
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Internship with options

Choose one of the following courses :

MSTG0352-2	<i>Research 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]	Q1	-	-	[+] 15
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]	Q1	-	-	[+] 15
MSTG0354-1	<i>Research internship in francophone Belgium</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]	Q1	-	-	[+] 15

Notice : the placement is associated with personal research which is the subject of a report in English, which has to be publicly defended.

Compulsory courses

MTFE0351-1	<i>Official Internship and Thesis</i> - <i>Knowledges integration</i> - Didier CATALDO, Etienne CAVALIER, Corinne CHARLIER, Brigitte EVRARD, Marianne FILLET, Michel FREDERICH,	Q2	-	-	-	28
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	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]	-	-	[+]
APPR0160-2	<i>Professional development Seminar</i> - COLLÉGIALITÉ, Geneviève PHILIPPE - [30h LBOPS]	Q2	-	[+] 2