

Cycle view of the study programme

		Bl	Or	Th	Pr	Au	Cr
Compulsory courses (B1 : 60Cr, B2 : 30Cr)							
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 including pharmacovigilance (part I)</i> - Corinne CHARLIER - [12h SEM]	B1	Q1	25	-	[+]	4
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] Corequisite : PHAR0343-3 - Technologie pharmaceutique et biopharmacie (partim I)	B1	Q1	10	-	[+]	2
ECON0340-1	<i>Pharmacoeconomy</i> - Thierry VAN HEES	B1	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	B1	Q2	25	-	[+]	4
PHAR0347-3	<i>Practical work - Pharmaceutical technologies and Biopharmacy</i> - Brigitte EVRARD Corequisite : PHAR0003-1 - Technologie pharmaceutique et biopharmacie (partim II)	B1	Q2	-	32	-	2
PHAC0342-2	<i>Special pharmacology (Part II)</i> - Vincent SEUTIN Corequisite : 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] Corequisite : TOXI0341-2 - Chimie toxicologique y compris pharmacovigilance (Partim I)	B1	Q2	25	-	[+]	4
BIOC0341-1	<i>Clinical chemistry (2nd part)</i> - Etienne CAVALIER - [12h SEM] Corequisite : BIOC0340-1 - Chimie clinique (Partim I)	B1	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)	B1	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)	B1	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)	B1	Q2	30	-	-	4
PHAR2219-1	<i>Integrated work 2</i> - Corinne CHARLIER, Brigitte EVRARD, Marianne FILLET, Pierre FRANCOITTE, Michel FREDERICH, Philippe HUBERT, Jacqueline MOREAU, Géraldine PIEL, Bernard PIROTTE, AnneCatherine SERVAIS, Vincent SEUTIN, Eric ZIEMONS - [30h LBOPS] Corequisite :	B1	Q2	-	-	[+]	3

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	<i>Integrated practical work</i> - Brigitte EVRARD, Marianne FILLET, Pierre FRANCOTTE, Michel FREDERICH, Philippe HUBERT, Géraldine PIEL, Bernard PIROTTE, AnneCatherine SERVAIS, Eric ZIEMONS Corequisite : PHAR0343-3 - Technologie pharmaceutique et biopharmacie (partim I) PHAR0344-3 - Analyse des médicaments PHAR0003-1 - Technologie pharmaceutique et biopharmacie (partim II)	B1 Q2 - 40 - 2
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Compulsory training

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

MTFE0351-1	<i>Official Internship and Thesis</i> - <i>Knowledge 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] Corequisite : APPR0160-2 - Séminaires de développement professionnel	B2 Q2 - - - - - [+] - - [+]	28
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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	<i>Professional development Seminar</i> - COLLÉGIALITÉ, Geneviève PHILIPPE - [30h LBOPS] Corequisite : MTFE0351-1 - Stage officinal et travail de fin d'études	B2 Q2 - - [+]	2
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Focus to be chosen (B2 : 30Cr)

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

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.]	B2 Q1 - - [+]	15
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Internship with options

Choose a placement from among : (B2 : 1Nbr)

MSTG0352-2	<i>Research internship abroad</i> - Gabriel CASTILLO CABELLO, Etienne CAVALIER, Corinne CHARLIER, COLLÉGIALITÉ, Brigitte EVRARD, Marianne FILLET, Michel FREDERICH,	B2 Q1 - - [+]	15
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Study programmes 2015-2016

Faculty of Medicine

Master in pharmacy (120 ECTS)

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

MSTG0353-2 *Developpment cooperation internship abroad -* B2 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 -* B2 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 (B2 : 30Cr)

PHAR0005-1 *Introduction to specialized focus in conception and development of* B2 Q1 **10**
medicine - bioanalysis
- *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. (B2 : 20Cr)

Analysis of Medicines (B2 : 20Cr)

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

Analytical Chemistry (B2 : 20Cr)

Study programmes 2015-2016
Faculty of Medicine
Master in pharmacy (120 ECTS)

MSTG1353-2	<i>Training course : Analytical chemistry</i> - Philippe HUBERT - [300h Internship]	B2	Q1	-	-	[+]	10
	Corequisite : CHIM0358-1 - Travail de recherche personnel en chimie analytique						
CHIM0358-1	<i>Analytical Chemistry Personal Research Work</i> - Philippe HUBERT - [25h SOI, 50h Pers. Res.]	B2	Q1	-	-	[+]	10
	Corequisite : MSTG1353-2 - Stage : Chimie analytique						
Clinical chemistry (B2 : 20Cr)							
MSTG0355-1	<i>Training course : Medical chemistry</i> - Etienne CAVALIER - [300h Internship]	B2	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	<i>Clinical Chemistry Personal Research Work</i> - Etienne CAVALIER - [25h SOI, 50h Pers. Res.]	B2	Q1	-	-	[+]	10
	Corequisite : MSTG0355-1 - Stage : Chimie clinique						
Pharmaceutical chemistry (B2 : 20Cr)							
MSTG0453-2	<i>Training : medicinal chemistry</i> - Bernard PIROTTE - [300h Internship]	B2	Q1	-	-	[+]	10
	Corequisite : CHIM0684-1 - Travail de recherche personnel en chimie pharmaceutique						
CHIM0684-1	<i>Pharmaceutical Chemistry Personal Research Work</i> - Bernard PIROTTE - [25h SOI, 50h Pers. Res.]	B2	Q1	-	-	[+]	10
	Corequisite : MSTG0453-2 - Stage : Chimie pharmaceutique						
Microbiology (B2 : 20Cr)							
MSTG1352-2	<i>Internship : Microbiology</i> - 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	<i>Microbiology personal research work</i> - MariePierre HAYETTE, Pierrette MELIN - [25h SOI, 50h Pers. Res.]	B2	Q1	-	-	[+]	10
	Corequisite : MSTG1352-2 - Stage : Microbiologie						
Pharmacognosy (B2 : 20Cr)							
MSTG0358-2	<i>Period of instruction in the laboratory of pharmacognosy</i> - Michel FREDERICH - [300h Internship]	B2	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.]	B2	Q1	-	-	[+]	10
	Corequisite : MSTG0358-2 - Stage : Pharmacognosie						
Pharmacology (B2 : 20Cr)							
MSTG3350-2	<i>Training course : Pharmacology</i> - Vincent SEUTIN - [300h Internship]	B2	Q1	-	-	[+]	10

Study programmes 2015-2016

Faculty of Medicine

Master in pharmacy (120 ECTS)

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 - B2 Q1 - - [+] 10
[25h SOI, 50h Pers. Res.]

Corequisite :

MSTG3350-2 - Stage : Pharmacologie

Pharmaceutical industry practices (B2 : 20Cr)

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

Corequisite :

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

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

Corequisite :

MSTG2048-2 - Stage : Pratiques industrielles

Pharmaceutical Technology (B2 : 20Cr)

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

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* - B2 Q1 - - [+] 10
Brigitte EVRARD - [25h SOI, 50h Pers. Res.]

Corequisite :

MSTG2350-2 - Stage : Technologie pharmaceutique

Clinical Toxicology (B2 : 20Cr)

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

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* - B2 Q1 - - [+] 10
Corinne CHARLIER - [25h SOI, 50h Pers. Res.]

Corequisite :

MSTG1351-2 - Stage : Toxicologie clinique

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

PHAR0006-1 *Introduction to professional focus in officinal practice, advice and* B2 Q1 10
pharmaceutical follow-up
- *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]	-	-	[+]
- Approche critique des compléments alimentaires - Michel FREDERICH, Nicolas PAQUOT - [3h SEM]	-	-	[+]
- Médicaments, grossesse et allaitement - Corinne CHARLIER - [3h SEM]	-	-	[+]
- Médicaments chez la personne âgée - Jean PETERMANS, Audrey SAMALEASUAREZ, Thierry VAN HEES - [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. (B2 : 20Cr)

Analysis of Medicines (B2 : 20Cr)

MSTG2352-2	<i>Training course : Analysis of drugs</i> - 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	<i>Personal research work in medicines analysis</i> - Marianne FILLET - [25h SOI, 50h Pers. Res.]	B2	Q1	-	-	[+]	10
	Corequisite : MSTG2352-2 - Stage : Analyse des médicaments						

Analytical Chemistry (B2 : 20Cr)

MSTG1353-2	<i>Training course : Analytical chemistry</i> - Philippe HUBERT - [300h Internship]	B2	Q1	-	-	[+]	10
	Corequisite : CHIM0358-1 - Travail de recherche personnel en chimie analytique						
CHIM0358-1	<i>Analytical Chemistry Personal Research Work</i> - Philippe HUBERT - [25h SOI, 50h Pers. Res.]	B2	Q1	-	-	[+]	10
	Corequisite : MSTG1353-2 - Stage : Chimie analytique						

Clinical chemistry (B2 : 20Cr)

MSTG0355-1	<i>Training course : Medical chemistry</i> - Etienne CAVALIER - [300h Internship]	B2	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	<i>Clinical Chemistry Personal Research Work</i> - Etienne CAVALIER - [25h SOI, 50h Pers. Res.]	B2	Q1	-	-	[+]	10
	Corequisite : MSTG0355-1 - Stage : Chimie clinique						

Pharmaceutical chemistry (B2 : 20Cr)

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

Corequisite :
MSTG0453-2 - Stage : Chimie pharmaceutique

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

Microbiology (B2 : 20Cr)

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

Prerequisite :
MBIO0002-1 - Microbiologie pharmaceutique

Corequisite :
MICR0718-1 - Travail de recherche personnel en microbiologie

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

Corequisite :
MSTG1352-2 - Stage : Microbiologie

Mycology (B2 : 20Cr)

MSTG0350-2 *Internship: Mycology -* Gabriel CASTILLO CABELLO - [300h B2 Q1 - - [+] 10
Internship]

Corequisite :
BOTA0411-1 - Travail de recherche personnel en mycologie

BOTA0411-1 *Mycology Personal Research Work -* B2 Q1 - - [+] 10
Gabriel CASTILLO CABELLO - [25h SOI, 50h Pers. Res.]

Corequisite :
MSTG0350-2 - Stage : Mycologie

Clinical Pharmacy (B2 : 20Cr)

MSTG0461-2 *Clinical pharmacy placements in hospitals -* Thierry VAN HEES B2 Q1 - - [+] 10
- [300h Internship]

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 -* B2 Q1 - - [+] 10
Thierry VAN HEES - [25h SOI, 50h Pers. Res.]

Corequisite :
MSTG0461-2 - Stage de pharmacie clinique en milieu hospitalier

Hospital Pharmacy (B2 : 20Cr)

MSTG2045-2 *Placement : Hospital pharmacy -* Thierry VAN HEES - [300h B2 Q1 - - [+] 10
Internship]

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 -* B2 Q1 - - [+] 10

Study programmes 2015-2016

Faculty of Medicine

Master in pharmacy (120 ECTS)

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

Corequisite :

MSTG2045-2 - Stage : Pharmacie hospitalière

Pharmacognosy (B2 : 20Cr)

MSTG0358-2 *Period of instruction in the laboratory of pharmacognosy -* B2 Q1 - - [+] 10
Michel FREDERICH - [300h Internship]
Corequisite :
PHAR0718-1 - Travail de recherche personnel en pharmacognosie

PHAR0718-1 *Personal research work in Pharmacognosy -* B2 Q1 - - [+] 10
Michel FREDERICH - [25h SOI, 50h Pers. Res.]
Corequisite :
MSTG0358-2 - Stage : Pharmacognosie

Pharmacy practice (B2 : 20Cr)

MSTG2046-2 *Internship : officinale practice -* Patrick HERNÉ - [300h B2 Q1 - - [+] 10
Internship]
Corequisite :
PHAR2023-1 - Travail de recherche personnel en pratique officinale

PHAR2023-1 *Personal research work in officinal practice -* Patrick HERNÉ - B2 Q1 - - [+] 10
[25h SOI, 50h Pers. Res.]
Corequisite :
MSTG2046-2 - Stage : Pratique officinale

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

Clinical Toxicology (B2 : 20Cr)

MSTG1351-2 *Training course : Clinical toxicology -* Corinne CHARLIER - B2 Q1 - - [+] 10
[300h Internship]
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 -* B2 Q1 - - [+] 10
Corinne CHARLIER - [25h SOI, 50h Pers. Res.]
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

Optional courses (B1 : 30Cr)

Focus courses

Professional focus in Pharmacy Practices, Advice and Follow-up (B1 : 30Cr)

PHAR0006-1	<i>Introduction to professional focus in officinal practice, advice and pharmaceutical follow-up</i>	B1	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. (B1 : 20Cr)

Pharmacognosy (B1 : 20Cr)

MSTG0358-2	<i>Period of instruction in the laboratory of pharmacognosy</i> - Michel FREDERICH - [300h Internship]	B1	Q1	-	-	[+]	10
PHAR0718-1	<i>Personal research work in Pharmacognosy</i> - Michel FREDERICH - [25h SOI, 50h Pers. Res.]	B1	Q1	-	-	[+]	10

Mycology (B1 : 20Cr)

MSTG0350-2	<i>Internship: Mycology</i> - Gabriel CASTILLO CABELLO - [300h Internship]	B1	Q1	-	-	[+]	10
BOTA0411-1	<i>Mycology Personal Research Work</i> - Gabriel CASTILLO CABELLO - [25h SOI, 50h Pers. Res.]	B1	Q1	-	-	[+]	10

Clinical Toxicology (B1 : 20Cr)

MSTG1351-2	<i>Training course : Clinical toxicology</i> - Corinne CHARLIER - [300h Internship]	B1	Q1	-	-	[+]	10
TOXI0704-1	<i>Personal research work in clinical toxicology</i> - Corinne CHARLIER - [25h SOI, 50h Pers. Res.]	B1	Q1	-	-	[+]	10

Pharmaceutical chemistry (B1 : 20Cr)

MSTG0453-2	<i>Training : medicinal chemistry</i> - Bernard PIROTTE - [300h Internship]	B1	Q1	-	-	[+]	10
CHIM0684-1	<i>Pharmaceutical Chemistry Personal Research Work</i> - Bernard PIROTTE - [25h SOI, 50h Pers. Res.]	B1	Q1	-	-	[+]	10

Clinical Pharmacy (B1 : 20Cr)

MSTG0461-2	<i>Clinical pharmacy placements in hospitals</i> - Thierry VAN HEES - [300h Internship]	B1	Q1	-	-	[+]	10
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PHAR0719-1	<i>Research work in clinical pharmacy in hospital setting -</i> Thierry VAN HEES - [25h SOI, 50h Pers. Res.]	B1	Q1	-	-	[+]	10
Pharmaceutical Technology (B1 : 20Cr)							
MSTG2350-2	<i>Training course : Pharmaceutical technology -</i> Brigitte EVRARD - [300h Internship]	B1	Q1	-	-	[+]	10
PHAR1354-1	<i>Personal research work in pharmaceutical technologies -</i> Brigitte EVRARD - [25h SOI, 50h Pers. Res.]	B1	Q1	-	-	[+]	10
Microbiology (B1 : 20Cr)							
MSTG1352-2	<i>Internship : Microbiology -</i> MariePierre HAYETTE, Pierrette MELIN - [300h Internship]	B1	Q1	-	-	[+]	10
MICR0718-1	<i>Microbiology personal research work -</i> MariePierre HAYETTE, Pierrette MELIN - [25h SOI, 50h Pers. Res.]	B1	Q1	-	-	[+]	10
Legislation and pharmaceutical deontology (B1 : 20Cr)							
MSTG2144-1	<i>Placement : Legislation and Pharmaceutical Ethics -</i> Patrick HERNÉ - [300h Internship]	B1	Q1	-	-	[+]	10
DEON0712-1	<i>Legislation and Pharmaceutical ethic personal research work -</i> Patrick HERNÉ - [25h SOI, 50h Pers. Res.]	B1	Q1	-	-	[+]	10
Hospital Pharmacy (B1 : 20Cr)							
MSTG2045-2	<i>Placement : Hospital pharmacy -</i> Thierry VAN HEES - [300h Internship]	B1	Q1	-	-	[+]	10
PHAR2022-1	<i>Personal research work in hospital practice -</i> Thierry VAN HEES - [25h SOI, 50h Pers. Res.]	B1	Q1	-	-	[+]	10
Analysis of Medicines (B1 : 20Cr)							
MSTG2352-2	<i>Training course : Analysis of drugs -</i> Marianne FILLET - [300h Internship]	B1	Q1	-	-	[+]	10
PHAR1355-1	<i>Personal research work in medicines analysis -</i> Marianne FILLET - [25h SOI, 50h Pers. Res.]	B1	Q1	-	-	[+]	10
Analytical Chemistry (B1 : 20Cr)							
MSTG1353-2	<i>Training course : Analytical chemistry -</i> Philippe HUBERT - [300h Internship]	B1	Q1	-	-	[+]	10
CHIM0358-1	<i>Analytical Chemistry Personal Research Work -</i> Philippe HUBERT - [25h SOI, 50h Pers. Res.]	B1	Q1	-	-	[+]	10
Clinical chemistry (B1 : 20Cr)							
MSTG0355-1	<i>Training course : Medical chemistry -</i> Etienne CAVALIER - [300h Internship]	B1	Q1	-	-	[+]	10
CHIM0685-1	<i>Clinical Chemistry Personal Research Work -</i> Etienne CAVALIER - [25h SOI, 50h Pers. Res.]	B1	Q1	-	-	[+]	10
Pharmacy practice (B1 : 20Cr)							
MSTG2046-2	<i>Internship : officinale practice -</i> Patrick HERNÉ - [300h Internship]	B1	Q1	-	-	[+]	10
PHAR2023-1	<i>Personal research work in officinal practice -</i> Patrick HERNÉ - [25h SOI, 50h Pers. Res.]	B1	Q1	-	-	[+]	10

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 (B1 : 30Cr)

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]	B1 Q2 - - - - - [+] - - [+]	28
APPR0160-2	<i>Professional development Seminar</i> - COLLÉGIALITÉ, Geneviève PHILIPPE - [30h LBOPS]	B1 Q2 - - [+]	2

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

Optional courses (B1 : 30Cr)

Focus courses

Professional focus in drug design and development - bioanalysis (B1 : 30Cr)

PHAR0005-1	<i>Introduction to specialized focus in conception and development of medicine - bioanalysis</i> - <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> - Philippe HUBERT - [3h SEM] - <i>Etudes cliniques</i> - Xavier DE LEVAL - [3h SEM] - <i>Méthodologie de rédaction</i> - Geneviève PHILIPPE - [3h SEM]	B1 Q1 - - [+] - - [+] - - [+] - - [+] - - [+] - - [+] - - [+] - - [+] - - [+] - - [+] - - [+] - - [+] - - [+] - - [+] - - [+] - - [+] - - [+]	10
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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. (B1 : 20Cr)

Pharmacognosy

MSTG0358-2	<i>Period of instruction in the laboratory of pharmacognosy</i> -	B1 Q1 - - [+]	10
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Study programmes 2015-2016

Faculty of Medicine

Master in pharmacy (120 ECTS)

Michel FREDERICH - [300h Internship]

PHAR0718-1 *Personal research work in Pharmacognosy* - Michel FREDERICH - [25h SOI, 50h Pers. Res.] B1 Q1 - - [+] 10

Clinical Toxicology (B1 : 10Cr)

MSTG1351-2 *Training course : Clinical toxicology* - Corinne CHARLIER - [300h Internship] B1 Q1 - - [+] 10

TOXI0704-1 *Personal research work in clinical toxicology* - Corinne CHARLIER - [25h SOI, 50h Pers. Res.] B1 Q1 - - [+] 10

Pharmaceutical chemistry (B1 : 20Cr)

MSTG0453-2 *Training : medicinal chemistry* - Bernard PIROTTE - [300h Internship] B1 Q1 - - [+] 10

CHIM0684-1 *Pharmaceutical Chemistry Personal Research Work* - Bernard PIROTTE - [25h SOI, 50h Pers. Res.] B1 Q1 - - [+] 10

Clinical chemistry (B1 : 20Cr)

MSTG0355-1 *Training course : Medical chemistry* - Etienne CAVALIER - [300h Internship] B1 Q1 - - [+] 10

CHIM0685-1 *Clinical Chemistry Personal Research Work* - Etienne CAVALIER - [25h SOI, 50h Pers. Res.] B1 Q1 - - [+] 10

Pharmaceutical Technology (B1 : 20Cr)

MSTG2350-2 *Training course : Pharmaceutical technology* - Brigitte EVRARD - [300h Internship] B1 Q1 - - [+] 10

PHAR1354-1 *Personal research work in pharmaceutical technologies* - Brigitte EVRARD - [25h SOI, 50h Pers. Res.] B1 Q1 - - [+] 75

Microbiology (B1 : 20Cr)

MSTG1352-2 *Internship : Microbiology* - MariePierre HAYETTE, Pierrette MELIN - [300h Internship] B1 Q1 - - [+] 10

MICR0718-1 *Microbiology personal research work* - MariePierre HAYETTE, Pierrette MELIN - [25h SOI, 50h Pers. Res.] B1 Q1 - - [+] 10

Analysis of Medicines (B1 : 20Cr)

MSTG2352-2 *Training course : Analysis of drugs* - Marianne FILLET - [300h Internship] B1 Q1 - - [+] 10

PHAR1355-1 *Personal research work in medicines analysis* - Marianne FILLET - [25h SOI, 50h Pers. Res.] B1 Q1 - - [+] 10

Analytical Chemistry (B1 : 20Cr)

MSTG1353-2 *Training course : Analytical chemistry* - Philippe HUBERT - [300h Internship] B1 Q1 - - [+] 10

CHIM0358-1 *Analytical Chemistry Personal Research Work* - Philippe HUBERT - [25h SOI, 50h Pers. Res.] B1 Q1 - - [+] 10

Pharmacology (B1 : 20Cr)

MSTG3350-2 *Training course : Pharmacology* - Vincent SEUTIN - [300h Internship] B1 Q1 - - [+] 10

PHAC0431-1 *Personal research work of Pharmacology* - Vincent SEUTIN - [25h SOI, 50h Pers. Res.] B1 Q1 - - [+] 10

Industry training (B1 : 10Cr)

MSTG2048-2	<i>Placement : industrial practices</i> - Brigitte EVRARD, Marianne FILLET, Michel FREDERICH, Philippe HUBERT, Bernard PIROTTE, Vincent SEUTIN - [300h Internship]	B1	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.]	B1	Q1	-	-	[+]	10

Compulsory courses (B1 : 30Cr)

MTFE0351-1	<i>Officinal Internship and Thesis - 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]	B1	Q2	-	-	[+]	28
APPR0160-2	<i>Professional development Seminar</i> - COLLÉGIALITÉ, Geneviève PHILIPPE - [30h LBOPS]	B1	Q2	-	-	[+]	2

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

Optional courses (B1 : 30Cr)

Focus courses (B1 : 30Cr)

Research Focus (B1 : 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, 100h Pers. Res.]	B1	Q1	-	-	[+]	15
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Internship with options

Choose one of the following courses : (B1 : 15Cr)

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]	B1	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]	B1	Q1	-	-	[+]	15
MSTG0354-1	<i>Research internship in francophone Belgium</i> - Gabriel CASTILLO CABELLO, Etienne CAVALIER,	B1	Q1	-	-	[+]	15

