

Cycle view of the study programme

		Bl	Or	Th	Pr	Au	Cr
Core curriculum courses (B1 : 55Cr, B2 : 35Cr)							
PHAR0344-3	<i>Medicines analysis</i> - Marianne FILLET, AnneCatherine SERVAIS	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> - Toxicological chemistry - Corinne CHARLIER - Toxicological chemistry, supplement for pharmacy - 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> - MariePierre HAYETTE	B1	Q1	16	-	-	2
PHAR2018-1	<i>Officinal pharmaceutical good practices</i> - Anna LECHANTEUR - [6h SEM]	B1	Q1	10	-	[+]	2
ECON0340-1	<i>Pharmacoeconomy</i> - Frédéric LECOMTE	B1	Q1	10	-	-	1
PHAR0003-1	<i>Pharmaceutical technologies and biopharmacy (part II)</i> - Brigitte EVRARD, Anna LECHANTEUR - [5h SEM] Corequisite : PHAR0343-3 - Technologie pharmaceutique et biopharmacie (partim I)	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, 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> - Geneviève PHILIPPE - [10h SEM]	B1	Q2	30	-	[+]	4
SANT0005-1	<i>Therapeutic approach</i> - Didier CATALDO, Etienne CAVALIER, Raphaël DENOOZ, Michel FREDERICH, Geneviève PHILIPPE - [20h SI]	B1	Q2	-	-	[+]	2
LEGI0340-2	<i>Legislation and pharmaceutical ethics</i> - Frédéric LECOMTE	B1	Q2	30	-	-	3
PHAR2121-1	<i>Practical integrated work</i> - Brigitte EVRARD, Marianne FILLET, Pierre FRANCOITE, Michel FREDERICH, Anna LECHANTEUR, Allison LEDOUX, Géraldine PIEL, AnneCatherine SERVAIS, Eric ZIEMONS Corequisite : PHAR0003-1 - Technologie pharmaceutique et biopharmacie (partim II) PHAR0343-3 - Technologie pharmaceutique et biopharmacie (partim I) PHAR0344-3 - Analyse des médicaments	B1	Q2	-	32	-	2
PHAR2226-1	<i>Innovative therapy medications</i> - Manon BERGER, Géraldine PIEL	B1	Q2	10	-	-	1
APPR0160-2	<i>Professional development Seminar</i> - Laetitia BURET, Etienne CAVALIER, Corinne CHARLIER, Alain CHASPIERRE, Raphaël DENOOZ, Brigitte EVRARD, Marianne FILLET, Pierre FRANCOITE, Michel FREDERICH, Anna LECHANTEUR,	B2	Q2	-	-	[+]	5

Master in pharmacy, professional focus in conception and development of medicine - bioanalysis

ECOMTE, Frédéric LECOMTE, AnneLaure LENOIR, Geneviève PHILIPPE, Géraldine PIEL, AnneCatherine SERVAIS, Eric ZIEMONS - [30h LBOPS]

Corequisite :

MTFE0351-3 - Stage officinal et travail de fin d'études

APPR1003-1	<i>Interdisciplinarity and vaccination</i>	B2	Q2				1
	- <i>Interdisciplinarity</i> - Geneviève PHILIPPE - [12h SEM]		2	2	[+]		
	- <i>Vaccination</i> - Laetitia BURET, Nathalie JACOBS, Geneviève PHILIPPE - [8h SEM]		-	-	[+]		

Compulsory Training

MTFE0351-3	<i>Officinal Internship and Thesis</i>	B2	Q2				24
	- <i>Record of learning and participation to clinical research project</i> - Corinne CHARLIER, Brigitte EVRARD, Marianne FILLET, Pierre FRANCOITE, Michel FREDERICH, Frédéric LECOMTE, Geneviève PHILIPPE, Géraldine PIEL, Marie PIETTE, Isabelle ROLAND, AnneCatherine SERVAIS, Eric ZIEMONS - [100h Pers. Res.]		-	-	[+]		
	- <i>Officinal internship and Thesis</i> - Brigitte EVRARD - [6mois Internship]		-	-	[+]		

Prerequisite :

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

PHAR2018-1 - Bonnes pratiques pharmaceutiques officinales

PHAR0347-3 - Travaux pratiques - Technologie pharmaceutique et biopharmacie

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

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

PHAC0342-2 - Pharmacologie spéciale (Partim II)

PHAC0341-2 - Pharmacologie spéciale (Partim I)

LEGI0340-2 - Législation et déontologie pharmaceutiques

BIOC0341-1 - Chimie clinique (Partim II)

Corequisite :

PHAR0721-1 - Intégration des connaissances pharmaceutiques

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 8 weeks). The remaining number of weeks (minimum 16 weeks) can be done within the framework of block 2 of the master's (2nd term).

PHAR0721-1	<i>Incorporation of pharmaceutical knowledge</i> - Corinne CHARLIER, Raphaël DENOOZ, Brigitte EVRARD, Marianne FILLET, Pierre FRANCOITE, Michel FREDERICH, Julien HANSON, Patrick HERNÉ, Frédéric LECOMTE, Geneviève PHILIPPE, Géraldine PIEL, Bernard PIOTTE, AnneCatherine SERVAIS, Vincent SEUTIN	B2	Q2	-	50	-	5
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Corequisite :

MTFE0351-3 - Stage officinal et travail de fin d'études

Focus compulsory courses (B1 : 5Cr, B2 : 5Cr)

PHAR2228-1	<i>Specific courses for the research focus in drug design and development - bioanalysis (Part I)</i>	B1	Q2				5
	- <i>Natural raw materials</i> - Michel FREDERICH, Allison LEDOUX		-	20	-		
	- <i>Analysis of biological drugs and drugs in biofluids</i> - Marianne FILLET		10	-	-		
	- <i>Drug design</i> - Pierre FRANCOITE		10	-	-		
	- <i>Industrial pharmaceutical technology</i> - Brigitte EVRARD, Anna LECHANTEUR		10	-	-		
	- <i>Sterilisation methods</i> - Aurore NAPP, Isabelle ROLAND, Gaëtan VAN HAREN		10	-	-		
PHAR2230-1	<i>Specific courses for the research focus on drug design and development - bioanalysis</i>	B2	Q1				5
	- <i>Quality in the pharmaceutical industry and regulation</i> - Cédric HUBERT, Frédéric LECOMTE, Roland MARINI DJANG'EING'A,		10	-	-		

Master in pharmacy, professional focus in conception and development of medicine - bioanalysis

Joëlle WIDART, Eric ZIEMONS

- *Specific concepts in clinical biology* - Marine DEVILLE, 10 - -

Caroline LE GOFF, Laura VRANKEN

- *Additional pharmacokinetics* - Raphaël DENOZ, Géraldine PIEL 10 - -

- *Critical analysis of clinical studies* - Régis RADERMECKER 10 - -

- *Radiopharmacy* - Pierre FRANCOTTE, Mallory SALVÉ, 10 - -

Frédéric SCHMITZ

Focus optional courses (B2 : 20Cr)

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)

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

Corequisite :

MSTG0358-2 - Stage : Pharmacognosie

Clinical Toxicology (B2 : 20Cr)

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

Prerequisite :

TOXI0341-2 - Chimie toxicologique, 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 - B2 Q1 - - [+] 10
[25h SOI, 50h Pers. Res.]

Corequisite :

MSTG1351-2 - Stage : Toxicologie clinique

Pharmaceutical chemistry (B2 : 20Cr)

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

Corequisite :

CHIM0684-1 - Travail de recherche personnel en chimie pharmaceutique

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

Corequisite :

MSTG0453-2 - Stage : Chimie pharmaceutique

Clinical chemistry (B2 : 20Cr)

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

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

Corequisite :

MSTG0355-1 - Stage : Chimie clinique

Pharmaceutical Technology (B2 : 20Cr)

Master in pharmacy, professional focus in conception and development of medicine - bioanalysis

MSTG2350-2 *Training course : Pharmaceutical technology* - Brigitte EVRARD - B2 Q1 - - [+] 10
[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* - Brigitte EVRARD - [25h SOI, 50h Pers. Res.] B2 Q1 - - [+] 10

Corequisite :

MSTG2350-2 - Stage : Technologie pharmaceutique

Microbiology (B2 : 20Cr)

MSTG1352-2 *Internship : Microbiology* - MariePierre HAYETTE - [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 - [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, AnneCatherine SERVAIS - [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, AnneCatherine SERVAIS - [25h SOI, 50h Pers. Res.] B2 Q1 - - [+] 10

Corequisite :

MSTG2352-2 - Stage : Analyse des médicaments

Pharmacology (B2 : 20Cr)

MSTG3350-2 *Training course : Pharmacology* - Vincent SEUTIN - [300h Internship] B2 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.] B2 Q1 - - [+] 10

Corequisite :

MSTG3350-2 - Stage : Pharmacologie

Pharmaceutical analytical chemistry (B2 : 20Cr)

MSTG1353-2 *Placement : Pharmaceutical analytical chemistry* - Eric ZIEMONS - [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* - Eric ZIEMONS - [25h SOI, 50h Pers. Res.] B2 Q1 - - [+] 10

Corequisite :

MSTG1353-2 - Stage : Chimie analytique pharmaceutique

Industry pharmacy (B2 : 20Cr)

MSTG2048-2	<i>Placement : industrial practices</i> - Brigitte EVRARD, Marianne FILLET, Pierre FRANCOTTE, Michel FREDERICH, Géraldine PIEL, AnneCatherine SERVAIS, Vincent SEUTIN, Eric ZIEMONS - [300h Internship] Corequisite : PHAR2024-1 - Travail de recherche personnel en pratiques pharmaceutiques industrielles	B2	Q1	-	-	[+]	10
PHAR2024-1	<i>Personal research work in industrial pharmaceutical practice</i> - Brigitte EVRARD, Marianne FILLET, Pierre FRANCOTTE, Michel FREDERICH, Géraldine PIEL, AnneCatherine SERVAIS, Vincent SEUTIN, Eric ZIEMONS - [25h SOI, 50h Pers. Res.] Corequisite : MSTG2048-2 - Stage : Pratiques industrielles	B2	Q1	-	-	[+]	10

Project internship (B2 : 20Cr)

MSTG9083-1	<i>Project internship (Service Learning)</i> - Frédéric LECOMTE, Geneviève PHILIPPE - [300h Internship] Corequisite : PHAR2223-1 - Travail de recherche personnel lié au stage à projet	B2	Q1	-	-	[+]	10
PHAR2223-1	<i>Personal research work related to the project internship</i> - Frédéric LECOMTE, Geneviève PHILIPPE - [25h SOI, 50h Pers. Res.] Corequisite : MSTG9083-1 - Stage à projet (Service Learning)	B2	Q1	-	-	[+]	10

Research internship (B2 : 20Cr)

MSTG9084-1	<i>Research internship</i> - Frédéric LECOMTE, Géraldine PIEL - [300h Internship] Corequisite : PHAR2224-1 - Travail de recherche personnel lié au stage de recherche	B2	Q1	-	-	[+]	10
PHAR2224-1	<i>Personal research work linked to the research internship</i> - Frédéric LECOMTE, Géraldine PIEL - [25h SOI, 50h Pers. Res., 75h AUTR] Corequisite : MSTG9084-1 - Stage de recherche	B2	Q1	-	-	[+]	10