

Block view of the study programme

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Block 1

Core curriculum courses

PHAR0344-3	<i>Medicines analysis</i> - Marianne FILLET, AnneCatherine SERVAIS	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, Part I</i> - <i>Toxicological chemistry</i> - Corinne CHARLIER - <i>Toxicological chemistry, supplement for pharmacy</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> - MariePierre HAYETTE	Q1	16	-	-	2
PHAR2018-1	<i>Officinal pharmaceutical good practices</i> - Anna LECHANTEUR - [6h SEM]	Q1	10	-	[+]	2
ECON0340-1	<i>Pharmacoeconomy</i> - Frédéric LECOMTE	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)	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, 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> - Geneviève PHILIPPE - [10h SEM]	Q2	30	-	[+]	4
SANT0005-1	<i>Therapeutic approach</i> - Didier CATALDO, Etienne CAVALIER, Raphaël DENOOZ, Michel FREDERICH, Geneviève PHILIPPE - [20h SI]	Q2	-	-	[+]	2
LEGI0340-2	<i>Legislation and pharmaceutical ethics</i> - Frédéric LECOMTE	Q2	30	-	-	3
PHAR2121-1	<i>Practical integrated work</i> - Brigitte EVRARD, Marianne FILLET, Pierre FRANCOTTE, 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	Q2	-	32	-	2
PHAR2226-1	<i>Innovative therapy medications</i> - Manon BERGER, Géraldine PIEL	Q2	10	-	-	1

Focus compulsory courses

PHAR2228-1	<i>Specific courses for the research focus in drug design and development - bioanalysis (Part I)</i> - <i>Natural raw materials</i> - Michel FREDERICH, Allison LEDOUX	Q2	-	20	-	5
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Master in pharmacy, professional focus in conception and development of medicine - bioanalysis

- Analysis of biological drugs and drugs in biofluids - Marianne FILLET	10	-	-
- Drug design - Pierre FRANCOITTE	10	-	-
- Industrial pharmaceutical technology - Brigitte EVRARD, Anna LECHANTEUR	10	-	-
- Sterilisation methods - Aurore NAPP, Isabelle ROLAND, Gaëtan VAN HAREN	10	-	-

Block 2

Core curriculum courses

APPR0160-2	<i>Professional development Seminar</i> - Laetitia BURET, Etienne CAVALIER, Corinne CHARLIER, Alain CHASPIERRE, Raphaël DENOOZ, Brigitte EVRARD, Marianne FILLET, Pierre FRANCOITTE, Michel FREDERICH, Anna LECHANTEUR, Frédéric LECOMTE, 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	Q2	-	-	[+]	5
APPR1003-1	<i>Interdisciplinarity and vaccination</i> - <i>Interdisciplinarity</i> - Geneviève PHILIPPE - [12h SEM] - <i>Vaccination</i> - Laetitia BURET, Nathalie JACOBS, Geneviève PHILIPPE - [8h SEM]	Q2	2	2	[+]	1

Compulsory Training

MTFE0351-3	<i>Officinal Internship and Thesis</i> - <i>Record of learning and participation to clinical research project</i> - Corinne CHARLIER, Brigitte EVRARD, Marianne FILLET, Pierre FRANCOITTE, 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 <i>Notice :</i> 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).	Q2	-	-	[+]	24
PHAR0721-1	<i>Incorporation of pharmaceutical knowledge</i> - Corinne CHARLIER, Raphaël DENOOZ, Brigitte EVRARD, Marianne FILLET, Pierre FRANCOITTE, Michel FREDERICH, Julien HANSON, Patrick HERNÉ, Frédéric LECOMTE, Geneviève PHILIPPE, Géraldine PIEL, Bernard PIROTTE, AnneCatherine SERVAIS, Vincent SEUTIN Corequisite : MTFE0351-3 - Stage officinal et travail de fin d'études	Q2	-	50	-	5

Focus compulsory courses

PHAR2230-1	<i>Specific courses for the research focus on drug design and development - bioanalysis</i>	Q1				5
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Master in pharmacy, professional focus in conception and development of medicine - bioanalysis

- <i>Quality in the pharmaceutical industry and regulation</i> - Cédric HUBERT, Frédéric LECOMTE, Roland MARINI DJANG'EING'A, Joëlle WIDART, Eric ZIEMONS	10	-	-	
- <i>Specific concepts in clinical biology</i> - Marine DEVILLE, Caroline LE GOFF, Laura VRANKEN	10	-	-	
- <i>Additional pharmacokinetics</i> - Raphaël DENOOZ, Géraldine PIEL	10	-	-	
- <i>Critical analysis of clinical studies</i> - Régis RADERMECKER	10	-	-	
- <i>Radiopharmacy</i> - Pierre FRANCOTTE, Mallory SALVÉ, Frédéric SCHMITZ	10	-	-	

Focus optional courses

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] Corequisite : PHAR0718-1 - Travail de recherche personnel en pharmacognosie	Q1	-	-	[+]	10
PHAR0718-1	<i>Personal research work in Pharmacognosy</i> - Michel FREDERICH - [25h SOI, 50h Pers. Res.] Corequisite : MSTG0358-2 - Stage : Pharmacognosie	Q1	-	-	[+]	10

Clinical Toxicology

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

Pharmaceutical chemistry

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

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

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

Microbiology

MSTG1352-2	<i>Internship : Microbiology</i> - MariePierre HAYETTE - [300h Internship] Prerequisite : MBIO0002-1 - Microbiologie pharmaceutique Corequisite : MICR0718-1 - Travail de recherche personnel en microbiologie	Q1	-	-	[+]	10
MICR0718-1	<i>Microbiology personal research work</i> - MariePierre HAYETTE - [25h SOI, 50h Pers. Res.] Corequisite : MSTG1352-2 - Stage : Microbiologie	Q1	-	-	[+]	10

Analysis of Medicines

MSTG2352-2	<i>Training course : Analysis of drugs</i> - Marianne FILLET, AnneCatherine SERVAIS - [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, AnneCatherine SERVAIS - [25h SOI, 50h Pers. Res.] Corequisite : MSTG2352-2 - Stage : Analyse des médicaments	Q1	-	-	[+]	10

Pharmacology

MSTG3350-2	<i>Training course : Pharmacology</i> - Vincent SEUTIN - [300h Internship] Prerequisite : PHAC0341-2 - Pharmacologie spéciale (Partim I) PHAC0342-2 - Pharmacologie spéciale (Partim II) Corequisite : PHAC0431-1 - Travail de recherche personnel en pharmacologie	Q1	-	-	[+]	10
PHAC0431-1	<i>Personal research work of Pharmacology</i> - Vincent SEUTIN - [25h SOI, 50h Pers. Res.] Corequisite : MSTG3350-2 - Stage : Pharmacologie	Q1	-	-	[+]	10

Pharmaceutical analytical chemistry

MSTG1353-2	<i>Placement : Pharmaceutical analytical chemistry</i> - Eric ZIEMONS - [300h Internship] Corequisite : CHIM0358-1 - Travail de recherche personnel en chimie analytique pharmaceutique	Q1	-	-	[+]	10
CHIM0358-1	<i>Personal research work in pharmaceutical analytical chemistry</i> - Eric ZIEMONS - [25h SOI, 50h Pers. Res.] Corequisite : MSTG1353-2 - Stage : Chimie analytique pharmaceutique	Q1	-	-	[+]	10

Industry pharmacy

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

MSTG2048-2 *Placement : industrial practices* - Brigitte EVRARD, Marianne FILLET, Pierre FRANCOTTE, Michel FREDERICH, Géraldine PIEL, AnneCatherine SERVAIS, Vincent SEUTIN, Eric ZIEMONS - [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, Pierre FRANCOTTE, Michel FREDERICH, Géraldine PIEL, AnneCatherine SERVAIS, Vincent SEUTIN, Eric ZIEMONS - [25h SOI, 50h Pers. Res.]

Q1 - - [+] 10

Corequisite :

MSTG2048-2 - Stage : Pratiques industrielles

Project internship

MSTG9083-1 *Project internship (Service Learning)* - Frédéric LECOMTE, Geneviève PHILIPPE - [300h Internship]

Q1 - - [+] 10

Corequisite :

PHAR2223-1 - Travail de recherche personnel lié au stage à projet

PHAR2223-1 *Personal research work related to the project internship* - Frédéric LECOMTE, Geneviève PHILIPPE - [25h SOI, 50h Pers. Res.]

Q1 - - [+] 10

Corequisite :

MSTG9083-1 - Stage à projet (Service Learning)

Research internship

MSTG9084-1 *Research internship* - Frédéric LECOMTE, Géraldine PIEL - [300h Internship]

Q1 - - [+] 10

Corequisite :

PHAR2224-1 - Travail de recherche personnel lié au stage de recherche

PHAR2224-1 *Personal research work linked to the research internship* - Frédéric LECOMTE, Géraldine PIEL - [25h SOI, 50h Pers. Res., 75h AUTR]

Q1 - - [+] 10

Corequisite :

MSTG9084-1 - Stage de recherche