

First Year

First semester

Compulsory courses

Analysis and Technology Module

PHAR0343-3	<i>Pharmaceutical technology and biopharmacy</i> - Brigitte EVRARD - [5h SEM]	30	-	[+]	4
PHAR0344-2	<i>Analysis of drugs (Partim I)</i> - Jacques CROMMEN	25	30	-	5

Module Pharmacology-toxicology

PHAC0341-2	<i>Special pharmacology (Partim I)</i> - Vincent SEUTIN	25	-	-	3
TOXI0341-1	<i>Clinical Toxicology and adverse drug events monitoring (Partim I)</i> - Corinne CHARLIER - [12,5h SEM]	25	-	[+]	4

Module Biomedics

BIOC0340-1	<i>Pathological biochemistry, including clinical chemistry (Partim I)</i> - Jean-Paul CHAPELLE - [12,5h SEM]	22,5	-	[+]	4
NUTR0341-1	<i>Nutrition</i> - Jacques RIGO	15	-	-	2
BIOC9234-2	<i>Biochemistry and normal and pathological human physiology - digestive system</i> - Didier CATALDO	15	-	-	2
BIOC9235-2	<i>Biochemistry and normal and pathological human physiology - urinary system</i> - Didier CATALDO	10	-	-	2

Module Health and Society

ECON0340-1	<i>Pharmacoeconomy</i> - Thierry VAN HEES	10	-	-	1
COMU0340-1	<i>Communication Strategy</i> - Pierre FIRKET - Suppl : Alain CHASPIERRE, Muriel ROCOUR- - [10h SEM]	-	-	[+]	1

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Module Analysis and Technology

PHAR0345-2	<i>Analysis of drugs (Partim II)</i> - Jacques CROMMEN - [30h SEM]	20	-	[+]	4
PHAR0347-2	<i>Pharmaceutical Technology and Biopharmacy: experimental training</i> - Brigitte EVRARD	-	90	-	4

Module Pharmacology-toxicology

PHAC0342-2	<i>Special pharmacology (Partim II)</i> - Vincent SEUTIN	20	-	-	3
TOXI0342-1	<i>Clinical Toxicology and adverse drug events monitoring (Partim II)</i> - Corinne CHARLIER - [12,5h SEM]	25	-	[+]	4

Module Biomedics

BIOC0341-1	<i>Pathological biochemistry, including clinical chemistry (Partim II)</i> - Jean-Paul CHAPELLE - [12,5h SEM]	22,5	-	[+]	4
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Module Health and Society

LEGI0340-2	<i>Pharmaceutical legislation and deontology</i> - Patrick HERNÉ - [5h SEM]	25	-	[+]	4
PSYC0340-1	<i>Psychology of the patient</i> - Georges HOUGARDY - [5h SEM]	10	-	[+]	2
SANT0340-1	<i>Principles in the followup of pharmaceutical care</i> - N... - Suppl : Christian ELSÉN	10	-	-	1

Module Humans with Diseases / Illnesses

Courses by module

(Elements of semiology and pathology, pathological biochemistry, pathological anatomy, supplements to physiopathology, medical genetics, special pharmacology, biopharmaceutical and pharmaceutical technology, toxicological chemistry)

CAVS0340-1	<i>Multidisciplinary approach to cardiovascular, digestive and respiratory disorders</i> - Luc ANGENOT, Jacques BONIVER, Vincent BOURS, Didier CATALDO, Jean-Paul CHAPELLE, Corinne CHARLIER, Vincenzo D'ORIO, Jean-Olivier DEFRAIGNE, Raphaël DENOZ, Brigitte EVRARD, Philippe KOLH, Michel MOUTSCHEN, Geneviève PHILIPPE, Géraldine PIEL, Bernard PIROTTE, Vincent SEUTIN, Monique TITS, Thierry VAN HEES - [60h APP]	-	-	[+]	6
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Two laboratory visits

An educational trip is organised during Carnival week

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Master in Pharmacy, Professional Focus in Creation and Development of medicines - bio-analysis

PHAR0356-1	<i>Industrial Pharmacotechnics including BPF</i> - Brigitte EVRARD, Philippe HUBERT	10	-	-	2
PHAR0354-1	<i>Structural determination of organic compounds from spectra</i> - Pascal DE TULLIO, Michel FREDERICH	10	-	-	2
BIOL0350-1	<i>Pharmaceutical applications of molecular biology</i> - Jean-Paul CHAPELLE, Alain CHARLOT	10	-	-	2
PHAR0355-1	<i>Complements of drug analysis in complex media</i> - Patrice CHIAP, Jacques CROMMEN, Marianne FILLET	10	-	-	2
CHIM0350-1	<i>Strategies and tools used in the design and the development of new drugs</i> - Brigitte EVRARD, Michel FREDERICH, Bernard PIROTTE	10	-	-	2

Optional courses

Choose one of the following courses :

PHAR0357-1	<i>Complements of instrumental analysis</i> - Jacques CROMMEN, Philippe HUBERT	10	-	-	2
PHAR2004-1	<i>In-depth ideas on pharmacokinetics and biopharmacy</i> - Corinne CHARLIER, Géraldine PIEL, Vincent SEUTIN	10	-	-	2
TOXI0350-1	<i>Experimental toxicology (in vitro tests)</i> - Corinne CHARLIER	10	-	-	2
SBIM0437-1	<i>Biosafety</i> - Willy ZORZI	5	5	-	2

Students must choose a training programme and a complementary course specific to the chosen scientific discipline. This programme includes the writing of a report which will be publically defended.

Pharmacognosy

MSTG0358-1	<i>Period of instruction in the laboratory of pharmacognosy</i> - Luc ANGENOT - [225h Internship]	-	-	[+]	15
PHAR0359-1	<i>Complements of pharmacognosy</i> - Luc ANGENOT	15	-	-	3

Pharmacology

MSTG3350-1	<i>Training course: Pharmacology</i> - Vincent SEUTIN - [225h Internship]	-	-	[+]	15
PHAC0351-1	<i>Complement of pharmacology</i> - Vincent SEUTIN	15	-	-	3

Clinical Toxicology

MSTG1351-1	<i>Training course: Clinical toxicology</i> - Corinne CHARLIER - [225h Internship]	-	-	[+]	15
TOXI0352-1	<i>Complements of clinical toxicology</i> - Corinne CHARLIER	15	-	-	3

Pharmaceutical chemistry

MSTG0453-1	<i>Training : medicinal chemistry</i> - Bernard PIROTTE - [225h Internship]	-	-	[+]	15
CHIM0352-1	<i>Complements of medicinal chemistry</i> - Bernard PIROTTE	15	-	-	3

Analytical Chemistry

MSTG1353-1	<i>Training course: Analytical chemistry</i> - Philippe HUBERT - [225h Internship]	-	-	[+]	15
CHIM0354-1	<i>Complements of analytical chemistry</i> - Philippe HUBERT	15	-	-	3

Medical Chemistry

MSTG0355-1	<i>Training course: Medical chemistry</i> - Jean-Paul CHAPELLE - [225h Internship]	-	-	[+]	15
CHIM0356-1	<i>Complements of clinical chemistry</i> - Jean-Paul CHAPELLE	15	-	-	3

Pharmaceutical Technology

MSTG2350-1	<i>Training course: Pharmaceutical technology</i> - Brigitte EVRARD - [225h Internship]	-	-	[+]	15
PHAR1351-1	<i>Complement of pharmaceutical technology</i> - Brigitte EVRARD	15	-	-	3

Analysis of Medicines

MSTG2352-1	<i>Training course: Analysis of drugs</i> - Jacques CROMMEN - [225h Internship]	-	-	[+]	15
PHAR1353-1	<i>Complements of drug analysis</i> - Jacques CROMMEN	15	-	-	3

Microbiology

Master in Pharmacy, Professional Focus in Creation and Development of
medicines - bio-analysis

MSTG1352-1	<i>Internship : Microbiology</i> - Patrick DE MOL - [225h Internship]	-	-	[+]	15
MICR0352-1	<i>More of microbiology</i> - Patrick DE MOL	15	-	-	3

Industry training

MSTG2048-1	<i>Placement : Industry</i> - Luc ANGENOT, Jacques CROMMEN, Brigitte EVRARD, Philippe HUBERT, Bernard PIROTTE - [225h Internship]	-	-	[+]	15
PHAR2005-1	<i>Complements of pharmaceutical industry practices</i> - Luc ANGENOT, Jacques CROMMEN, Brigitte EVRARD, Philippe HUBERT, Bernard PIROTTE	15	-	-	3

Second semester

Compulsory courses

MTFE0350-1	<i>Medicinal placement</i> - COLLÉGIALITÉ	-	-	-	28
APPR0160-2	<i>Workshop of complex problem solving</i> - Geneviève PHILIPPE - [30h LBOPS]	-	-	[+]	2

Notice : Students must carry out or complete an official training programme of a legal length of six months. This programme involves the writing up of a programme workbook (TFE).

It could begin at the end of a successful BAC 3 and be carried out during the holidays which take place between the 1st and 2nd year of the Pharmaceutical Sciences Masters.