

## 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 Pharmaco-toxology

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	-	[+]	5

#### Module Biomedics

BIOC0340-1	<i>Pathological biochemistry, including clinical chemistry (Partim I)</i> - Jean-Paul CHAPELLE - [12,5h SEM]	22,5	-	[+]	4
PATH0340-1	<i>Additional issues in physiopathology</i> - Vincenzo D'ORIO	15	-	-	2
NUTR0341-1	<i>Nutrition</i> - Jacques RIGO	15	-	-	2

#### Module Health and Society

ECON0340-1	<i>Pharmacoeconomy</i> - Jean-Pierre DELPORTE	10	-	-	1
COMU0340-1	<i>Communication Strategy</i> - Véronique SERVAIS - [10h SEM]	-	-	[+]	1

Second semester

### Compulsory courses

#### Module Analysis and Technology

PHAR0345-2	<i>Analysis of drugs (Partim II)</i> - Jacques CROMMEN - [30h SEM]	20	-	[+]	5
PHAR0347-2	<i>Pharmaceutical Technology and Biopharmacy: experimental training</i> - Brigitte EVRARD	-	90	-	4

#### Module Pharmaco-toxology

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 ELSEN	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, Jean-Paul CHAPELLE, Corinne CHARLIER, Vincenzo D'ORIO, Jean-Olivier DEFRAIGNE, Brigitte EVRARD, Michel MOUTSCHEN, 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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MICR0350-1	<i>Management of anti-infective drugs (microbiology)</i> - Patrick DE MOL	10	-	-	2
PHAR0353-1	<i>Complements of biopharmacy and pharmacokinetics</i> - Corinne CHARLIER, Géraldine PIEL, Vincent SEUTIN	10	-	-	2
INFO0351-1	<i>Computerised management of the pharmacy</i> - Adelin ALBERT - Suppl : Léon PÉTRÉ	10	-	-	2
PHAR0352-1	<i>Phytotherapy and food supplements containing herbs</i> , - Luc ANGENOT,	10	-	-	2

SANT0350-1	<i>Heavy home care (including palliative care)</i> - Jean-Pierre DELPORTE, Yvan HUON	10	-	-	2
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**Optional courses**

Choose one of the following courses :

MEDE0350-1	<i>Critical approach to homeopathy</i> - Monique TITS	10	-	-	2
VETE0350-1	<i>Veterinary Drug Delivery</i> - Brigitte EVRARD, Pascal GUSTIN, Bernard PIROTTE	10	-	-	2
GYNE0350-1	<i>Medicines, pregnancy and breast feeding</i> - Corinne CHARLIER	10	-	-	2
DERM0350-1	<i>Dermopharmacy</i> - Arjen NIKKELS, Géraldine PIEL, Gérald PIERARD	10	-	-	2
PHAR0717-1	<i>Special questions relating to infectiology (vaccines and anti-parasitics)</i> - Patrick DE MOL	10	-	-	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

**Mycology**

MSTG0350-1	<i>Internship: Mycology</i> - Vincent DEMOULIN - [225h Internship]	-	-	[+]	15
BOTA0351-1	<i>Complement of mycology</i> - Vincent DEMOULIN	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

**Clinical Pharmacy**

MSTG0461-1	<i>Clinical pharmacy placements in hospitals</i> - Jean-Pierre DELPORTE, Yvan HUON, Thierry VAN HEES - [225h Internship]	-	-	[+]	15
PHAR0360-1	<i>Introduction to clinical pharmacy placements in hospitals</i> - Jean-Pierre DELPORTE, Yvan HUON, Thierry VAN HEES	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

**Microbiology**

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

**Legislation and pharmaceutical deontology**

MSTG2044-1	<i>Placement : Legislation and Pharmaceutical Ethics</i> - Patrick HERNÉ - [225h Internship]	-	-	[+]	15
DEON0711-1	<i>Completion of pharmaceutical law and ethics</i> - Patrick HERNÉ	15	-	-	3

**Hospital Pharmacy**

MSTG2045-1	<i>Placement : Hospital pharmacy - Jean-Pierre DELPORTE, Yvan HUON - [225h Internship]</i>	-	-	[+]	<b>15</b>
PHAR2002-1	<i>Complements to hospital practice - Jean-Pierre DELPORTE, Yvan HUON</i>	15	-	-	<b>3</b>

**Société Scientifique des Pharmaciens Francophones (SSPF)**

MSTG2046-1	<i>Placement : SSPF - Patrick HERNÉ - [225h Internship]</i>	-	-	[+]	<b>15</b>
PHAR2003-1	<i>Complements to medicinal practice - Patrick HERNÉ</i>	15	-	-	<b>3</b>

**Belgian Pharmaceutical Association**

MSTG2047-1	<i>Placement : APB - Patrick HERNÉ - [225h Internship]</i>	-	-	[+]	<b>15</b>
PHAR2003-1	<i>Complements to medicinal practice - Patrick HERNÉ</i>	15	-	-	<b>3</b>

Second semester

**Compulsory courses**

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

*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 years of the Pharmaceutical Sciences Masters.