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## 1st year (Block 1)

First semester

### Compulsory courses

#### Module Basic Sciences - Part I

PHYS0972-1	<i>Physical and mathematical basis of pharmaceutical and biomedical sciences, Part I</i> - Serge HABRAKEN - [20h QA Sess., 20h REM]	Q1	60	20	[+]	<b>10</b>
CHIM0712-1	<i>General and mineral chemistry preparatory to pharmaceutical sciences, Part I</i> - Rudi CLOOTS - [14h QA Sess.]	Q1	30	16	[+]	<b>6</b>
BIOL0847-1	<i>General Biology preparating to biomedical sciences, part I</i> - Akeila BELLAHCENE, Vincenzo CASTRONOVO - [8h QA Sess.]	Q1	30	16	[+]	<b>6</b>

#### Module Health and Society

URGC0110-3	<i>First Aid</i> - Gary HARTSTEIN	Q1	2	4	-	<b>1</b>
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#### Specific Module

PHAR0714-1	<i>Introduction to pharmaceutical sciences</i> - Patrick HERNÉ - [5h SEM]	Q1	10	-	[+]	<b>2</b>
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Second semester

### Compulsory courses

#### Module Basic Sciences - Part II

PHYS0973-1	<i>Physical and mathematical basis of pharmaceutical sciences, Part II, including spectroscopy</i> - Serge HABRAKEN, Maryse HOEBEKE - [10h QA Sess.]	Q2	30	10	[+]	<b>7</b>
CHIM0713-1	<i>General and mineral chemistry preparatory to pharmaceutical sciences, Part II</i> - Edwin DE PAUW - [26h QA Sess.]	Q2	30	34	[+]	<b>6</b>
BIOL0848-1	<i>General Biology preparating to biomedical sciences, part II, including introduction to molecular biology, general embryology and genetics</i> - Akeila BELLAHCENE, Vincenzo CASTRONOVO - [12h QA Sess.]	Q2	55	24	[+]	<b>10</b>

#### Module Learning

LANG2940-1	<i>English for medical sciences</i> - Christine FILOT	Q2	-	20	-	<b>2</b>
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#### Specific Module

CHIM0714-1	<i>Organic chemistry applied to the analysis and the medicines design</i> - JeanFrançois LIÉGEOIS - [20h QA Sess.]	Q2	40	40	[+]	<b>10</b>
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## Second year

First semester

### Compulsory courses

#### Module General Biomedics

BIOC0320-6	<i>General biochemistry</i> - Lucien BETTENDORFF	Q1	25	10	-	<b>4</b>
PHYL0320-5	<i>General physiology</i> - Didier CATALDO		20	10	-	<b>3</b>
IMMU0320-2	<i>General immunology</i> - Catherine SADZOT	Q1	15	-	-	<b>2</b>
MICR0120-8	<i>General Microbiology</i> - MariePierre HAYETTE, Pierrette MELIN		16	10	-	<b>3</b>
SBIM0489-1	<i>Virology Part 1</i> - Nathalie JACOBS	Q1	7	-	-	<b>1</b>
NEUR0431-1	<i>Introduction to neurophysiology</i> - Gaëtan GARRAUX		15	-	-	<b>2</b>

#### Module Health and Society

PSYC0120-1	<i>Introduction to medical psychology</i> - JeanMarc TRIFFAUX	Q1	15	-	-	<b>2</b>
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#### Module Learning

APPR0120-4	<i>Learning techniques (Part 2)</i> - Françoise PASLEAU	Q1	15	20	-	<b>3</b>
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LANG0074-1 *Advanced English for biomedical sciences (english language)* - Christine FILOT, Sébastien SCHOENMAECKERS Q1 30 - - 4

**Specific Module**

CHIM0311-6 *Elements of mineral and organic chemistry applied to drug analysis and drug design* - JeanFrançois LIÉGEOIS - [10h QA Sess.] Q1 40 28 [+] 7

Second semester

**Compulsory courses**

**Module Biomedics**

BIOL0320-2 *Molecular Biology* - Jacques PIETTE Q2 30 - - 4

HISL0542-1 *Introduction to histology* - Chantal HUMBLET - [6h SEM] Q2 20 - [+] 3

BIOC0708-1 *Biochemistry and normal and pathological human physiology of the cardiovascular and respiratory systems* - Philippe KOLH 30 10 - 4

PATH0330-2 *Introduction to general pathology* - Alexandre GHUYSEN - [10h SEM] 20 - [+] 4

**Specific Module**

CHIM0320-3 *Introduction to analytical chemistry* - Philippe HUBERT Q2 30 - - 4

CHIM0321-3 *Practical exercises - Introduction to analytical chemistry* - Philippe HUBERT Q2 - 100 - 5

BOTA0320-1 *Botanical introduction to pharmacognosy, part A: notions of systematics* - Gabriel CASTILLO CABELLO 15 15 - 3

BOTA0321-2 *Botanical introduction to pharmacognosy, part B : biotechnology and mycology* - Gabriel CASTILLO CABELLO, Jacques DOMMES Q2 15 - - 2

**Third year**

First semester

**Compulsory courses**

**Module Analysis and Technology**

CHIM0330-3 *Analytical chemistry (Part I)* - Philippe HUBERT Q1 15 56 - 5

**Module Pharmacology**

CHIM0332-2 *Medicinal chemistry (Part I)* - Bernard PIROTTE 38 36 - 8

PHAR0331-3 *Pharmacognosy (Part I)* - Michel FREDERICH - [5h SEM] Q1 23 36 [+] 6

**Module Pharmaco-toxology**

PHAR0370-1 *Pharmacokinetics* - Corinne CHARLIER, Géraldine PIEL Q1 10 - - 1

PHAC0130-7 *General pharmacology* - Vincent SEUTIN - [7h SI] 20 - [+] 3

**Module Biomedics**

BIOC9236-2 *Biochemistry and normal and pathological human physiology - Endocrinian system and metabolism* - Philippe KOLH 20 - - 3

Second semester

**Compulsory courses**

**Module Analysis and Technology**

PHAR2019-1 *Integrated work 1* - Brigitte EVRARD, Marianne FILLET, Pierre FRANCOTTE, Michel FREDERICH, Philippe HUBERT, Géraldine PIEL, Bernard PIROTTE, AnneCatherine SERVAIS, Monique TITS, Eric ZIEMONS - [60h LBOPS] Q2 - - [+] 6

PHAR0330-2 *Physico-chemical principles applied to pharmaceutical technology* - Brigitte EVRARD - [5h SEM] Q2 20 - [+] 4

CHIM0331-3 *Analytical chemistry (Part II)* - Philippe HUBERT Q2 15 - - 2

**Module Pharmacology**

CHIM0333-2 *Medicinal chemistry (Part II)* - Bernard PIROTTE - [10h SEM] 37 - [+] 7

PHAR0332-2 *Pharmacognosy (Part II)* - Michel FREDERICH - [2h SEM] Q2 25 20 [+] 5

**Module Biomedics**

MICR0717-1 *Medical and pharmaceutical microbiology* 5

- *Medical microbiology* - MariePierre HAYETTE 12 6 -

- *Pharmaceutical microbiology* - Pierrette MELIN 14 6 -

SBIM1490-1 *Virology Part 2* - Nathalie JACOBS Q2 8 - - 1

BIOC9237-1 *Biochemistry and normal and pathological human physiology - nervous system* - Gaëtan GARRAUX 20 - - 3

**Module Health and Society**

SANT0330-1 *Contextual approach to treatment and prevention* - Gaëtan ABSIL, Philippe MAIRIAUX Q2 10 - - 1