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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>
CHIM0310-5	<i>General and mineral chemistry preparing to biomedical sciences</i> - Christine JÉRÔME - [20h QA Sess.]	Q1	60	20	[+]	<b>13</b>
BIOL0847-1	<i>General Biology preparing to biomedical sciences, part I</i> - Akeila BELLAHCENE, Vincenzo CASTRONOVO - [8h QA Sess.]	Q1	30	16	[+]	<b>6</b>

#### Module Health and society I

URGC0110-3	<i>First Aid</i> - Gary HARTSTEIN	Q1	2	4	-	<b>1</b>
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Second semester

### Compulsory courses

#### Module Basic Sciences - Part II

BIOL0848-1	<i>General Biology preparing 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>
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#### Module Health and society II

SANT0110-2	<i>Psycho-social Dimensions of Health</i> - Philippe MAIRIAUX	Q2	17	-	-	<b>2</b>
EPID0110-3	<i>Basis of Epidemiology</i> - Olivier BRUYÈRE, JeanYves REGINSTER	Q2	13	-	-	<b>2</b>
PHIL0110-1	<i>Epistemology of Health Sciences</i> - Vinciane DESPRET	Q2	15	-	-	<b>2</b>

#### Module biomedical - part morphological

ANAT0224-1	<i>Introduction to human anatomy, including introduction to general embryology</i> - Pierre BONNET	Q2	32	20	-	<b>6</b>
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#### Module Learning

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

BIOL0410-2	<i>Introduction to Morphological Methods</i> - MarieClaire GILLET	Q2	10	5	-	<b>2</b>
PHYS0412-1	<i>Biomedical physics</i> - Laurent DREESEN	Q2	25	10	-	<b>4</b>

## 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>4</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>
HISL0320-7	<i>General histology</i> - Pascale QUATRESOOZ	Q1	20	24	-	<b>4</b>
NEUR0431-1	<i>Introduction to neurophysiology</i> - Gaëtan GARRAUX		15	-	-	<b>2</b>
SBIM0489-2	<i>Virology Part I</i> - Nathalie JACOBS	Q1	7	-	-	<b>3</b>

#### Module Learning

APPR0120-2	<i>Learning techniques (Part 2)</i> - Françoise PASLEAU	Q1	10	20	-	3
LANG0074-1	<i>Advanced English for biomedical sciences</i> (english language) - Christine FILOT, Sébastien SCHOENMAECKERS	Q1	30	-	-	3

**Specific Module**

MEDE0430-1	<i>Biomedical research history</i> - Vincent GEENEN	Q1	15	-	-	2
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Second semester

**Compulsory courses**

**Module: The Normal Human Body**

GENE0420-2	<i>Medical genetics</i> - Vincent BOURS		15	-	-	2
BIOL0028-1	<i>Molecular biology</i> - Agnès NOËL		55	40	-	9
HISL0220-3	<i>Human histology</i> - Valérie DEFAWEUX, Chantal HUMBLET	Q2	20	10	-	4
ANAP0230-5	<i>General pathological anatomy</i> - Philippe DELVENNE - [7h SI]	Q2	20	10	[+]	4
BIOC0708-1	<i>Biochemistry and normal and pathological human physiology of the cardiovascular and respiratory systems</i> - Philippe KOLH		30	10	-	4

**Specific Module**

BIOC0322-2	<i>Proteins biochemistry</i> - Sabine WISLET	Q2	20	15	-	4
CHIM0420-1	<i>Complement of chemistry</i> - Christian DAMBLON	Q2	15	15	-	3

**Third year**

First semester

**Compulsory courses**

**Module The "Pathological" Human**

IMMU0522-1	<i>Immunopathology</i> - Michel MOUTSCHEN - [7h SI]		10	-	[+]	2
PHAC0130-7	<i>General pharmacology</i> - Vincent SEUTIN - [7h SI]		20	-	[+]	3

**Specific Module**

TOXI0004-1	<i>Principles of toxicology</i> - Corinne CHARLIER	Q1	20	-	-	3
NEUR0430-1	<i>Principles of neurobiology</i> - Pierre LEPRINCE	Q1	20	-	-	3
BIOL0004-1	<i>Biology of the reproduction</i> - Michelle NISOLLE		20	-	-	3
BIOC9234-1	<i>Biochemistry and normal and pathological human physiology - digestive system</i> - Didier CATALDO		20	-	-	3
BIOC9235-1	<i>Biochemistry and normal and pathological human physiology - urinary system</i> - Didier CATALDO		15	-	-	2
BIOC9236-1	<i>Biochemistry and normal and pathological human physiology - Endocrinian system and metabolism</i> - Philippe KOLH		30	-	-	4
MSTG0020-1	<i>Laboratory internship</i> - COLLÉGIALITÉ - [100h Internship]		-	-	[+]	8

Second semester

**Compulsory courses**

**Module Biomedicine and Society**

DEON0003-1	<i>Questions of ethics : Animal and human experimentation</i> - Pierre DRION, Nicolas JANIN	Q1	15	-	-	2
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**Module The "Pathological" Human**

MICR0330-4	<i>Medical microbiology</i> - MariePierre HAYETTE - [7h SI]		25	10	[+]	3
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**Specific Module**

BIOC0006-1	<i>Principles of normal and pathological cellular regulation</i> - Agnès NOËL		20	-	-	2
CHIM0430-1	<i>Elements of analytical chemistry</i> - Marianne FILLET	Q2	20	40	-	4
CHIM0217-3	<i>Principles of clinical chemistry</i> - Etienne CAVALIER		20	-	-	2
LABO0431-1	<i>Integrated practical work</i> - Agnès NOËL		5	35	-	3
DOCU0447-1	<i>Scientific literature</i> - Robert LEJEUNE		10	15	-	3
LANG0129-1	<i>Application of scientific English I</i> - Christine FILOT, Agnès NOËL, Vincent SEUTIN	Q2	5	25	-	3
BIOC9237-1	<i>Biochemistry and normal and pathological human physiology - nervous system</i> - Gaëtan GARRAUX		20	-	-	2
METO0003-1	<i>Introduction to scientific method and to experimentation</i> - Natacha ROCKS		8	8	-	2
SBIM0491-1	<i>Virology Part 2</i> - Nathalie JACOBS	Q2	20	-	-	3