

## First Year

### Compulsory courses

#### Fundamental Sciences : Physics Module

PHYS0311-1 *Physical and mathematical bases for biomedical sciences* - Serge HABRAKEN - [20h 65 30 [+] 11  
QA Sess., 20h REM]

#### Fundamental Sciences : Chemistry Module

CHIM0310-5 *Chemistry preparing to biomedical and pharmaceutical sciences* - Christine JÉRÔME - 60 20 [+] 11  
[20h QA Sess., 20h REM]

#### Module Basic Sciences - Biology

BIOL0310-3 *General Biology preparing to biomedical and pharmaceutical sciences, including introduction to molecular biology and human anatomy, general embryology and genetics* 18  
- *Biologie générale préparatoire aux sciences biomédicales et pharmaceutiques, incluant l'introduction à la biologie moléculaire, l'embryologie générale et la génétique générale* - Vincenzo CASTRONOVO - Suppl : Akeila BELLAHCENE - [20h QA Sess.] 85 40 [+]  
- *Introduction à l'anatomie humaine* - Pierre BONNET 20 10 -

#### Module Learning

APPR0110-2 *Learning techniques (Part I)* - Françoise PASLEAU 5 10 - 2  
LANG0905-1 *English (english language)* - Pascale DRIANNE, Christine FILOT, ISLV - 24 - 2

#### Module Health and Society

SANT0110-2 *Psycho-social Dimensions of Health* - Laurence COUNET, Philippe MAIRIAUX 17 - - 2  
STAT0110-1 *Biostatistics I* - Adelin ALBERT - Suppl : Paul GÉRARD 15 10 - 3  
EPID0110-2 *Basis of Epidemiology* - Olivier BRUYÈRE, Audrey NEUPREZ, Jean-Yves REGINSTER 8 - - 2  
PHIL0110-1 *Epistemology of Health Sciences* - Vinciane DESPRET 15 - - 2  
URGC0110-2 *First Aid* - Gary HARTSTEIN - [4h QA Sess.] 4 7 [+] 1

#### Specific Module

BIOL0410-1 *Introduction to Morphological Methods* - Olivier JOLOIS 5 10 - 2  
PHYS0412-1 *Biomedical physics, advanced seminar* - Maryse HOEBEKE 15 15 - 4

## Second Year

First semester

### Compulsory courses

#### Module General Biomedics

BIOC0320-5 *General biochemistry* - Didier CATALDO - [6h SEM] 25 10 [+] 4  
PHYL0320-3 *General physiology* - Didier CATALDO 20 10 - 4  
IMMU0320-2 *General immunology* - Catherine SADZOT - [6h SEM] 15 - [+] 2  
MICR0120-9 *General Microbiology* - Patrick DE MOL - [6h SEM] 20 10 [+] 4  
HISL0320-7 *General histology* - Ernst HEINEN - [10h SEM] 20 24 [+] 4  
NEUR0431-1 *Introduction to neurosciences* - Thierry GRISAR 15 - - 2

The seminars concerning the learning of knowledge integration (AIC) are compulsory and will take place in the 1st semester - Didier CATALDO, Patrick DE MOL, Ernst HEINEN, Catherine SADZOT

#### Module Health and Society

PSYC0120-1 *Introduction to medical psychology* - Georges HOUGARDY 15 - - 2

#### Module Learning

APPR0120-2 *Learning techniques (Part II)* - Françoise PASLEAU 10 20 - 3

LANG0074-1	<i>English (english language) - Christine FILOT, Ellen HARRY</i>	30	-	-	3
<b>Specific Module</b>					
STAT0420-1	<i>Biostatistics II, 2nd year - Adelin ALBERT</i>	15	15	-	3

Second semester

**Compulsory courses**

**Module: The Normal Human Body**

GENE0420-2	<i>Medical genetics - Vincent BOURS</i>	15	-	-	2
BIOL0420-1	<i>Molecular biology (Part I) - Agnès NOËL - [6h SEM]</i>	10	10	[+]	2
HISL0220-3	<i>Human histology - Marie-Paule DEFRESNE - [6h SEM]</i>	20	10	[+]	4
ANAP0230-5	<i>General pathological anatomy - Philippe DELVENNE - [7h SI]</i>	20	10	[+]	4
BIOC0708-1	<i>Biochemistry and normal and pathological human physiology of the cardiovascular and respiratory systems - Vincenzo D'ORIO</i>	30	10	-	4

**Specific Module**

BIOC0322-2	<i>Proteins biochemistry - Bernard ROGISTER</i>	20	15	-	4
CHIM0420-1	<i>Chemistry - additional issues - Christian DAMBLON</i>	15	15	-	3
BIOL0421-1	<i>Molecular biology (Part II) - Agnès NOËL</i>	45	30	-	6

**Third Year**

First semester

**Compulsory courses**

**Module The "Pathological" Human**

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

**Specific Module**

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

Second semester

**Compulsory courses**

**Module Biomedicine and Society**

DEON0002-1	<i>Questions of ethics</i>				2
	- Part I : Animal experimentation - Pierre DRION	7,5	-	-	
	- Part II : Human experimentation - Nicolas JANIN	7,5	-	-	

**Module The "Pathological" Human**

MICR0330-4	<i>Medical microbiology - Patrick DE MOL - [7h SI]</i>	25	10	[+]	3
------------	--	----	----	-----	---

**Specific Module**

BIOC0006-1	<i>Principles of normal and pathological cellular regulation - Agnès NOËL, Rose WINKLER</i>	20	-	-	2
CHIM0430-1	<i>Elements of analytical chemistry - Marianne FILLET</i>	20	40	-	4
CHIM0217-3	<i>Elements of medical chemistry - Jean-Paul CHAPELLE</i>	20	-	-	2
LABO0431-1	<i>Integrated practical work - Agnès NOËL</i>	5	35	-	4
MARK0430-1	<i>Marketing - Cécile DELCOURT</i>	15	-	-	2
DOCU0447-1	<i>Literature - Robert LEJEUNE</i>	10	15	-	3
LANG0129-1	<i>Application of scientific English I - Christine FILOT, Agnès NOËL, Vincent SEUTIN</i>	5	25	-	3
BIOC9237-1	<i>Biochemistry and normal and pathological human physiology - nervous system - Thierry GRISAR</i>	20	-	-	3
METO0003-1	<i>Introduction to scientific method and to experimentation - Eric ROZET</i>	8	8	-	2