

## 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  
- *Introduction à l'anatomie humaine* - Pierre BONNET 20 10 -  
- *Biologie générale préparatoire aux sciences biomédicales et pharmaceutiques,* 85 40 [+]  
*incluant l'introduction à la biologie moléculaire, l'embryologie générale et la  
génétique générale* - Vincenzo CASTRONOVO - Suppl : Akeila BELLAHCENE - [20h QA  
Sess.]

#### Module Learning

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

#### Module Health and Society

SANT0110-2 *Psycho-social Dimensions of Health* - Philippe MAIRIAUX 17 - - 2  
STAT0110-1 *Biostatistics I* - Adelin ALBERT - Suppl : Paul GÉRARD 15 10 - 3  
EPID0110-2 *Basis of Epidemiology* - 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 (Partim I)* - 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 learning the integration of knowledge (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 (Partim II)* - Françoise PASLEAU 10 20 - 3

LANG0074-1	<i>English</i> - Pascale DRIANNE, Christine FILOT	30	-	-	3
<b>Specific Module</b>					
STAT0420-1	<i>Biostatistics II, 2nd year</i> - Adelin ALBERT	15	15	-	3

Second semester

### Compulsory courses

#### Module: The Normal Human Body

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

#### Specific Module

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

## Third Year

First semester

### Compulsory courses

#### Module The "Pathological" Human

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

#### Specific Module

TOXI0004-1	<i>Principles of toxicology</i> - Corinne CHARLIER	20	-	-	3
NEUR0430-1	<i>Principles of neurobiology</i> - Pierre LEPRINCE	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	-	-	4
BIOC9235-1	<i>Biochemistry and normal and pathological human physiology - urinary system</i> - Didier CATALDO	15	-	-	3
BIOC9236-1	<i>Biochemistry and normal and pathological human physiology - Endocrinian system and metabolism</i> - Philippe KOLH	30	-	-	5

Second semester

### Compulsory courses

#### Module Biomedicine and Society

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

#### Module The "Pathological" Human

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

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