

## First Year

### Compulsory courses

#### Fundamental Sciences : Physics Module

PHYS0111-2 *Physical and mathematical bases for biomedical sciences* - Geoffroy LUMAY - [20h QA Sess., 20h REM] 65 26 [+] 13

#### Fundamental Sciences : Chemistry Module

CHIM0686-2 *Preparatory chemistry for dental sciences* 14  
 - *Preparatory chemistry for dental sciences* - JeanFrançois FOCANT - [30h QA Sess., 10h REM] 65 24 [+]  
 - *Chemistry of dental materials* - Christine JÉRÔME 10 - -

#### Module Basic Sciences - Biology

BIOL0113-2 *General biology, preparatory to dental sciences, including introduction to molecular biology and human anatomy, general embryology and general genetics* 22  
 - *General biology preparing to biomedical and dental sciences, including introduction to molecular biology, general embryology and general genetics* - Akeila BELLAHCENE, Vincenzo CASTRONOVO - [20h QA Sess.] 85 40 [+]  
 - *Introduction to human anatomy* - Pierre BONNET 30 10 -

#### Module Health and Society

SANT0110-2 *Psycho-social Dimensions of Health* - Philippe MAIRIAUX 17 - - 2

EPID0110-3 *Basis of Epidemiology* - Olivier BRUYÈRE, JeanYves REGINSTER 13 - - 3

URGC0110-3 *First Aid* - Gary HARTSTEIN 2 4 - 1

#### Transversal Module

APPR0111-4 *Training in transdisciplinary approaches to biomedical problems* 5  
 - *English for medical sciences* - Pascale DRIANNE, Christine FILOT, ISLV - 24 -  
 - *Scientific steps (including French and training technique)* - Pierre BONNET, Vincenzo CASTRONOVO, Michel DELHAXHE, JeanFrançois FOCANT, Gary HARTSTEIN, Maryse HOEBEKE, Philippe MAIRIAUX, JeanYves REGINSTER 10 30 -

## Second Year

### First semester

### Compulsory courses

#### Module General Biomedics

BIOC0320-6 *General biochemistry* - Lucien BETTENDORFF - [4h SEM] 25 10 [+] 5

PHYL0320-5 *General physiology* - Didier CATALDO - [4h SEM] 20 10 [+] 4

GENE0120-2 *Normal and pathological human biochemistry and physiology, part : molecular genetics* - Vincent BOURS - [5h SEM] 10 10 [+] 2

IMMU0121-3 *General Immunology* - Michel MOUTSCHEN - [5h SEM] 15 - [+] 2

MICR0120-8 *General microbiology* - MariePierre HAYETTE, Pierrette MELIN - [5h SEM] 16 10 [+] 2

HISL0120-4 *General histology and alternative experimentation methods that do not use animals* - Pierre DRION, Pascale QUATRESOOZ - [5h SEM] 20 24 [+] 3

NEUR0431-1 *Introduction to neurophysiology* - Gaëtan GARRAUX 15 - - 2

SBIM0489-1 *Virology Part 1* - Nathalie JACOBS 7 - - 1

The seminars concerning the learning of knowledge integration are compulsory and organized during the 1st semester - Vincent BOURS, Pierre DRION, Michel MOUTSCHEN, Marie-Pierre HAYETTE, Pierrette MELIN, Pascale QUATRESOOZ, Bernard ROGISTER.

#### Module Health and Society

PSYC0120-1 *Introduction to medical psychology* - JeanMarc TRIFFAUX 15 - - 2

#### Module Learning

APPR0120-1 *Learning techniques (Part 2)* - Françoise PASLEAU 15 30 - 4

LANG0074-1 *Advanced English for biomedical sciences (english language)* - Christine FILOT, Sébastien SCHOENMAECKERS 30 - - 2

#### Specific Module

PHYS0121-1 *Physical bases for medical imaging* - Maryse HOEBEKE - 15 - 2

### Second semester

### Compulsory courses

**Module: The Normal Human Body**

ANAP0230-2	<i>General pathological anatomy</i> - Philippe DELVENNE	20	10	-	2
BIOC0708-1	<i>Biochemistry and normal and pathological human physiology of the cardiovascular and respiratory systems</i> - Philippe KOLH	30	10	-	4
HISL0220-5	<i>Human histology</i> - MariePaule DEFRESNE	25	10	-	3
<b>Specific Module</b>					
NURS0220-1	<i>Internship as a nurse in dentistry</i> - Pascal REMYPAQUAY, Franklin SIMAIN SATO - [80h Internship]	5	-	[+]	2
EMBR0220-3	<i>Embryology of head and neck</i> - Vincent GEENEN, Sophie PERRIER D'HAUTERIVE	10	-	-	2
ANAT0225-1	<i>Anatomy of the head and neck</i> - Marc RADERMECKER	15	10	-	2
ANAT0220-4	<i>Anatomy-physiology of the nervous system</i> - Félix SCHOLTES	15	25	-	3
ANAT0221-2	<i>Anatomy of the masticating system</i> - Alain VANHEUSDEN	20	20	-	3
PHYL0221-3	<i>Physiology of the masticatory system</i> - Marc LAMY	25	20	-	4
HISL0221-2	<i>Histology of the masticatory apparatus</i> - MariePaule DEFRESNE	7,5	7,5	-	2
BIOC9221-2	<i>Biochemistry of the mouth cavity</i> - Franklin SIMAIN SATO	20	10	-	2

**Third Year**

First semester

**Compulsory courses**

**Medical Sciences Module**

IMMU0230-1	<i>Immunopathology</i> - Michel MOUTSCHEN	10	-	-	2
BIOC9234-1	<i>Biochemistry and normal and pathological human physiology - digestive system</i> - Didier CATALDO	20	-	-	2
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	-	-	2
CHIR0231-1	<i>General and special surgical pathology</i> - Thierry LAHAYE	30	-	-	2
PHAC0130-1	<i>General pharmacology</i> - Vincent SEUTIN	20	-	-	2
RBIO0230-1	<i>Radiobiology and radioprotection in dental medicine</i> - Chantal HUMBLET, Philippe MARTINIVE, Véra PIRLET	10	-	-	2

**Specific Module**

DENT0234-1	<i>Dental Pathology and Semiology (carie, endodentium, development)</i> - Sabine GEERTS	20	-	-	2
CHIR0232-1	<i>Oral surgery (Part I)</i> - Eric ROMPEN - [5h ITCR]	10	-	[+]	2

Second semester

**Compulsory courses**

**Module Humans with Diseases / Illnesses**

MEDI0230-3	<i>Elements of Internal Medicine</i> - Albert BECKERS	20	-	-	2
PHAC0231-1	<i>Special Pharmacology</i> - Vincent SEUTIN	20	-	-	2
BIOC9237-1	<i>Biochemistry and normal and pathological human physiology - nervous system</i> - Gaëtan GARRAUX	20	-	-	2

**Specific Module**

DENT0231-1	<i>Preventive Dental Medicine</i> - Sabine GEERTS	10	-	-	2
PARO0230-1	<i>Periodontology, Microbiology and Immunology of the mouth</i> - Eric ROMPEN - [10h ITCR]	30	10	[+]	2
DENT0232-1	<i>Dental Pharmacopeia</i> - Eric ROMPEN	5	-	-	2
ANAP0231-2	<i>Anatomo-pathology of the Masticatory Apparatus</i> - Pascale QUATRESOOZ	15	10	-	2
HYGI0230-1	<i>Hygiene of Dental Practice</i> - Eric ROMPEN, Franklin SIMAIN SATO	10	-	-	2
REAN0230-3	<i>Resuscitation in Dental Medicine</i> - JeanFrançois BRICHANT	3	5	-	2

1st and 2nd semester

**Compulsory courses**

**Loco-regional anaesthesia**

ANES0230-3	<i>Loco-regional Anaesthesia, Theory</i> - Eric ROMPEN	10	-	-	1
ANES0232-1	<i>Practical and preclinical works of loco-regional anaesthesia</i> - Eric ROMPEN	-	10	-	1

**Radiodiagnosics**

RADL0230-3	<i>Radiodiagnostic</i> - Alain VANHEUSDEN	10	-	-	1
RADL0241-1	<i>Practical and preclinical works of radiodiagnosics</i> - Alain VANHEUSDEN	-	10	-	1

**Conservative dentistry, endodontology**

DENT2021-2	<i>Conservative dentistry, endodontology (Part II)</i> - Sabine GEERTS	45	-	-	2
DENT2022-1	<i>Practical and preclinical works of conservative dentistry, endodontology (Part I)</i> - Sabine GEERTS - [20h PRCL]	-	145	[+]	5

**Movable prostheses, occlusodontics**

PROT0431-2	<i>Movable prostheses, occlusodontics (Part I)</i> - Marc LAMY	45	-	-	2
PROT0433-1	<i>Practical and preclinical works of movable prostheses, occlusodontics (part I)</i> - Marc LAMY	-	90	-	4

**Fixed prosthetics**

PROT0432-2	<i>Fixed prostheses (Part I)</i> - Amélie MAINJOT, Alain VANHEUSDEN	50	-	-	2
PROT0434-1	<i>Practical and preclinical works of fixed prostheses (Part I)</i> - Alain VANHEUSDEN	-	150	-	5