

## First Year

### Compulsory courses

#### Module Basic Sciences

##### Physics

PHYS0111-2 *Physical and mathematical bases for biomedical sciences* - Maryse HOEBEKE - [20h QA Sess., 20h REM] 65 26 [+] **11**

##### Chemistry

CHIM0619-2 *Chemistry preparatory to medical and dental science* **13**  
 - *Chimie préparatoire aux sciences médicales et dentaires* - Jean-François FOCANT - 65 24 [+]  
 [20h QA Sess., 10h REM]  
 - *Chimie des matériaux dentaires* - Pierre COLSON 10 - -

##### Biology

BIOL0113-4 *General preparatory biology for biomedical and dental sciences, including introduction to molecular biology and human anatomy, general embryology and general genetics* **21**  
 - *Biologie générale préparatoire aux sciences biomédicales et dentaires, incluant l'introduction à la biologie moléculaire* - Vincenzo CASTRONOVO - Suppl : Akeila BELLAHCENE - [20h QA Sess.] 65 40 [+]  
 - *Embryologie générale* - Jean-Pierre SCHAAPS 10 - -  
 - *Généétique générale* - Vincent BOURS 10 - -  
 - *Introduction à l'anatomie humaine* - Pierre BONNET - [10h QA Sess.] 20 - [+]

#### Module Health and Society

SANT0726-1 *Module on health and society covering: biostatistics, epidemiology and introduction to the social role of health professionals, epistemology of health sciences and primary care* **10**  
 - *Biostatistique I* - Adelin ALBERT - Suppl : Paul GÉRARD 15 10 -  
 - *Epidémiologie et introduction au rôle social des professions de la santé* - Philippe MAIRIAUX, Jean-Yves REGINSTER 25 - -  
 - *Epistémologie des sciences de la santé* - Vinciane DESPRET 15 - -  
 - *Premiers secours* - N... - Suppl : Jean-François BRICHANT 5 10 -

#### Transversal Module

APPR0111-2 *Training in transdisciplinary approaches to biomedical problems* **5**  
 - *English* - Christine FILOT, ISLV 2 18 -  
 - *Scientific steps (including French and training technique)* - Adelin ALBERT, Pierre BONNET, Vincent BOURS, Vincenzo CASTRONOVO, Michel DELHAXHE, Vinciane DESPRET, Maryse HOEBEKE, Christine JÉRÔME, Philippe MAIRIAUX, Marielle MARÉCHAL, N..., Jean-Yves REGINSTER, Jean-Pierre SCHAAPS - Suppl : Jean-François BRICHANT 10 30 -

## Second Year

### First semester

#### Compulsory courses

##### Module General Biomedics

BIOC0120-1 *General biochemistry* - N... - Suppl : Bernard ROGISTER - [5h SEM] 30 10 [+] **5**  
 PHYL0120-1 *General physiology* - N... - Suppl : Bernard ROGISTER - [5h SEM] 30 10 [+] **4**  
 GENE0120-2 *Normal and pathological human biochemistry and physiology, partim molecular genetics* - Vincent BOURS - [5h SEM] 10 10 [+] **2**  
 IMM0121-3 *General Immunology* - Michel MOUTSCHEN - [5h SEM] 15 - [+] **2**  
 MICR0120-8 *General Microbiology* - Patrick DE MOL - [5h SEM] 20 10 [+] **3**  
 HISL0120-4 *General histology and alternative experimentation methods that do not use animals* - Ernst HEINEN - [5h SEM] 20 24 [+] **3**

NEUR0431-1 *Introduction to neurosciences* - Thierry GRISAR 15 - - 2  
The seminars concerning learning of the integration of knowledge (AIC) are compulsory and will take place in the 1st quadrimester - Vincent Bours, Michel Moutschen, Patrick de Mol, Ernst Heinen, Bernard Register.

**Module Health and Society**

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

**Module Learning**

APPR0120-1 *Learning techniques (Partim II)* - Françoise PASLEAU 15 30 - 4

LANG0071-1 *English II* - Pascale DRIANNE, Christine FILOT, ISLV 15 - - 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 *General pathological anatomy* - Jacques BONIVER, Philippe DELVENNE 20 10 - 2

BIOC0708-1 *Biochemistry and normal and pathological human physiology of the cardiovascular and respiratory systems* - Vincenzo D'ORIO 30 10 - 4

HISL0220-5 *Human histology* - Marie-Paule DEFRESNE 25 10 - 3

**Specific Module**

NURS0220-1 *Internship as a nurse in dentistry* - Pascal REMY#PAQUAY, Franklin SIMAIN SATO - [80h Internship] 5 - [+] 2

EMBR0220-3 *Embryology of the head and neck* - Jean-Pierre SCHAAPS 10 - - 2

ANAT0220-3 *Anatomy of the head and neck, including the central nervous system* - Jean SCHOENEN 30 30 - 5

ANAT0221-2 *Anatomy of the masticating system* - Alain VANHEUSDEN 20 20 - 3

PHYL0221-3 *physiology of the masticatory system* - Marc LAMY 25 20 - 4

HISL0221-2 *Oral histology* - Marie-Paule DEFRESNE 7,5 7,5 - 2

BIOC9221-2 *Biochemistry of the mouth cavity* - Franklin SIMAIN SATO 20 10 - 2

**Third Year**

First semester

**Compulsory courses**

**Medical Sciences Module**

IMMU0230-1 *Pathological immunology* - Michel MOUTSCHEN 10 - - 2

BIOC9234-1 *Biochemistry and normal and pathological human physiology - digestive system* - N... - Suppl : Didier CATALDO 20 - - 2

BIOC9235-1 *Biochemistry and normal and pathological human physiology - urinary system* - N... - Suppl : Brigitte MALGRANGE 15 - - 2

BIOC9236-1 *Biochemistry and normal and pathological human physiology - Endocrinian system and metabolism* - N... - Suppl : Philippe KOLH 30 - - 2

CHIR0231-1 *General and special surgical pathology* - Thierry LAHAYE 30 - - 2

PHAC0130-1 *General pharmacology* - Vincent SEUTIN 20 - - 2

RBIO0230-1 *Radiobiology and radioprotection in dental medicine* - Jacques BONIVER, Véra PIRLET 10 - - 2

**Specific Module**

DENT0234-1 *Dental Pathology and Semiology (carie, endodontium, development)* - Sabine GEERTS 20 - - 2

CHIR0232-1 *Dental surgery (Partim I)* - Eric ROMPEN - [5h ITCR] 10 - [+] 2

Second semester

**Compulsory courses**

**Module Humans with Diseases / Illnesses**

MEDI0230-3 *Elements of Internal Medicine* - Albert BECKERS 20 - - 2

PHAC0231-1 *Special Pharmacology* - Vincent SEUTIN 20 - - 2

BIOC9237-1 *Biochemistry and normal and pathological human physiology - nervous system* - Thierry GRISAR 20 - - 2

**Specific Module**

DENT0231-1 *Preventive Dental Medicine* - Sabine GEERTS 10 - - 2

PARO0230-1 *Periodontology, Microbiology and Immunology of the mouth* - Eric ROMPEN - [10h ITCR] 30 10 [+] 2

ANES0230-2 *Loco-regional Anesthesia - Théorie* - Eric ROMPEN 10 - - 2

	- <i>Travaux pratiques et précliniques</i> - Eric ROMPEN	-	10	-	
DENT0232-1	<i>Dental Pharmacopeia</i> - Eric ROMPEN	5	-	-	<b>2</b>
ANAP0231-2	<i>Anatomo-pathology of the Masticatory Apparatus</i> - Jacques BONIVER	15	10	-	<b>2</b>
HYGI0230-1	<i>Hygiene of Dental Practice</i> - Eric ROMPEN	10	-	-	<b>2</b>
REAN0230-2	<i>Resuscitation in Dental Medicine</i> - Jean-François BRICHANT	5	5	-	<b>2</b>
RADL0230-2	<i>Radiodiagnostic</i>				<b>2</b>
	- <i>Théorie</i> - Alain VANHEUSDEN	10	-	-	
	- <i>Travaux pratiques et précliniques</i> - Alain VANHEUSDEN	-	10	-	

1st and 2nd semester

#### Compulsory courses

DENT2021-1	<i>Conservative dentistry, endodontology (PartII)</i>				<b>7</b>
	- <i>Theory</i> - Sabine GEERTS	45	-	-	
	- <i>Practical work and preclinicals</i> - Sabine GEERTS - [20h PRCL]	-	145	[+]	
PROT0431-1	<i>Movable prostheses, occlusodontics (Part I)</i>				<b>6</b>
	- <i>Theory</i> - Marc LAMY	45	-	-	
	- <i>Practical and preclinical work</i> - Marc LAMY	-	90	-	
PROT0432-1	<i>Fixed prostheses (Part I)</i>				<b>7</b>
	- <i>Theory</i> - Alain VANHEUSDEN	50	-	-	
	- <i>Practical work and preclinicals</i> - Alain VANHEUSDEN	-	150	-	