

## First Year

### Compulsory courses

#### Fundamental Sciences : Physics Module

PHYS0111-2 *Physical and mathematical bases for biomedical sciences* - Maryse HOEBEKE - [20h QA Sess., 20h REM] 65 26 [+] 12

#### Fundamental Sciences : Chemistry Module

CHIM0619-3 *Chemistry preparatory to medical and dental science* 13  
 - *Chimie préparatoire aux sciences médicales et dentaires* - Jean-François FOCANT - 65 24 [+]  
 [24h QA Sess., 10h REM]  
 - *Chimie des matériaux dentaires* - 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* - 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  
 STAT0110-1 *Biostatistics I* - Adelin ALBERT - Suppl : Paul GÉRARD 15 10 - 3  
 EPID0110-2 *Basis of Epidemiology* - Olivier BRUYÈRE, Jean-Yves REGINSTER 8 - - 2  
 URGC0110-2 *First Aid* - Gary HARTSTEIN - [4h QA Sess.] 4 7 [+] 1

#### Transversal Module

APPR0111-3 *Training in transdisciplinary approaches to biomedical problems* 5  
 - *English* - Christine FILOT, ISLV - 24 -  
 - *Scientific steps (including French and training technique)* - Adelin ALBERT, Pierre BONNET, Vincenzo CASTRONOVO, Michel DELHAXHE, Christine FILOT, Jean-François FOCANT, Gary HARTSTEIN, Maryse HOEBEKE, Philippe MAIRIAUX, Jean-Yves REGINSTER 10 30 -

## Second Year

### First semester

### Compulsory courses

#### Module General Biomedics

BIOC0120-1 *General biochemistry* - Bernard ROGISTER - [5h SEM] 30 10 [+] 5  
 PHYL0120-1 *General physiology* - Bernard ROGISTER - [5h SEM] 30 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* - Marie-Pierre HAYETTE, Pierrette MELIN - [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, Marie-Pierre Hayette, Ernst Heinen, Pierre Melin, Bernard Rogister.

#### Module Health and Society

PSYC0120-1 *Introduction to medical psychology* - Jean-Marc TRIFFAUX 15 - - 2

#### Module Learning

APPR0120-1 *Learning techniques (Part II)* - Françoise PASLEAU 15 30 - 4  
 LANG0071-1 *English II (english language)* - Christine FILOT, Ellen HARRY, 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	<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> - Vincenzo D'ORIO	30	10	-	4
HISL0220-5	<i>Human histology</i> - Marie-Paule DEFRESNE	25	10	-	3
<b>Specific Module</b>					
NURS0220-1	<i>Internship as a nurse in dentistry</i> - Pascal REMY#PAQUAY, Franklin SIMAIN SATO - [80h Internship]	5	-	[+]	2
EMBR0220-3	<i>Embryology of the head and neck</i> - Sophie PERRIER D'HAUTERIVE - Suppl : Sophie PERRIER D'HAUTERIVE	10	-	-	2
ANAT0220-4	<i>Anatomy of the head and neck, including the central nervous system</i> - Marc RADERMECKER, Jean SCHOENEN	30	35	-	5
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>Oral histology</i> - Marie-Paule 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> - Philippe DELVENNE, Véra PIRLET	10	-	-	2

##### Specific Module

DENT0234-1	<i>Dental Pathology and Semiology (carie, endodontium, development)</i> - Sabine GEERTS	20	-	-	2
CHIR0232-1	<i>Dental surgery (Part I)</i> - Eric ROMPEN - Suppl : Jamila LAHMOUZI - [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> - Thierry GRISAR	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 - Suppl : Philippe SZOTEK - [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	10	-	-	2
REAN0230-2	<i>Resuscitation in Dental Medicine</i> - Jean-François BRICHANT	5	5	-	2

1st and 2nd semester

#### Compulsory courses

##### Loco-regional anaesthesia

ANES0230-3	<i>Loco-regional Anaesthesia, Théorie</i> - Eric ROMPEN	10	-	-	1
ANES0232-1	<i>Practical and preclinical works of loco-regional anaesthesia</i> - Eric ROMPEN - Suppl : Geoffrey LECLoux	-	10	-	1

##### Radiodiagnosics

RADL0230-3	<i>Radiodiagnostic</i> - Alain VANHEUSDEN	10	-	-	1
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RADL0241-1	<i>Practical and preclinical works of radiodiagnostics</i> - Alain VANHEUSDEN	-	10	-	<b>1</b>
<b>Conservative dentistry, endodontology</b>					
DENT2021-2	<i>Conservative dentistry, endodontology (Part II)</i> - Sabine GEERTS	45	-	-	<b>2</b>
DENT2022-1	<i>Practical and preclinical works of conservative dentistry, endodontology (Part I)</i> - Sabine GEERTS - [20h PRCL]	-	145	[+]	<b>5</b>
<b>Movable prostheses, occlusodontics</b>					
PROT0431-2	<i>Movable prostheses, occlusodontics (Part I)</i> - Marc LAMY	45	-	-	<b>2</b>
PROT0433-1	<i>Practical and preclinical works of movable prostheses, occlusodontics (part I)</i> - Marc LAMY	-	90	-	<b>4</b>
<b>Fixed prosthetics</b>					
PROT0432-2	<i>Fixed prostheses (Part I)</i> - Alain VANHEUSDEN - Suppl : Amélie MAINJOT	50	-	-	<b>2</b>
PROT0434-1	<i>Practical and preclinical works of fixed prostheses (Part I)</i> - Alain VANHEUSDEN	-	150	-	<b>5</b>