

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

CHIM0112-2 *Chemistry preparing to medical and dentistry sciences* - Christine JÉRÔME - [20h QA Sess., 10h REM] 65 24 [+] **11**

Biology

BIOL0113-3 *Biologie générale préparatoire aux sciences biomédicales et dentaires, y compris l'introduction à la biologie moléculaire et à l'anatomie humaine, l'embryologie générale et la génétique générale* **23**

- *Biologie générale préparatoire aux sciences biomédicales et dentaires, incluant l'introduction à la biologie moléculaire* - Vincenzo CASTRONOVO - [20h QA Sess.] 65 40 [+]

- *Embryologie générale* - Jean-Pierre SCHAAPS 10 - -

- *Génétique générale* - Vincent BOURS 10 - -

- *Introduction à l'anatomie humaine* - Pierre BONNET - [20h QA Sess.] 30 - [+]

Module Health and Society

SANT0726-1 *Module santé et société comportant : biostatistique, épidémiologie et introduction au rôle social des professions de la santé, épistémologie des sciences de la santé et premiers secours* **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 - -

- *Épistémologie des sciences de la santé* - Vinciane DESPRET 15 - -

- *Premiers secours* - Maurice LAMY 5 10 -

Transversal Module

APPR0111-1 *Apprentissage à l'approche transdisciplinaire des problèmes biomédicaux* **5**

- *Anglais* - Christine FILOT, ISLV 2 18 -

- *Français* - Marielle MARÉCHAL 2 6 -

- *Démarche scientifique* - Adelin ALBERT, Pierre BONNET, Vincent BOURS, Vincenzo CASTRONOVO, Michel DELHAXHE, Vinciane DESPRET, Maryse HOEBEKE, Robert JÉRÔME, Maurice LAMY, Philippe MAIRIAUX, Jean-Yves REGINSTER, Jean-Pierre SCHAAPS 4 24 -

- *Techniques d'apprentissage* - Michel DELHAXHE 4 - -

Second Year

First semester

Compulsory courses

Module General Biomedics

BIOC0120-1 *General biochemistry* - Jean-Olivier DEFRAIGNE - [5h SEM] 30 10 [+] **4**

PHYL0120-1 *General physiology* - Jean-Olivier DEFRAIGNE - [5h SEM] 30 10 [+] **3**

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

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

MICR0120-8 *General Microbiology* - Patrick DE MOL - [5w 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 aux neurosciences* - Thierry GRISAR 15 - - **2**

Les séminaires d'apprentissage à l'intégration des connaissances (AIC) seront obligatoires et organisés durant le premier

quadrimestre - Vincent BOURS, Jean Olivier DEFRAIGNE, Patrick DEMOL, Ernst HEINEN, Thierry GRISAR, Michel MOUTSCHEN.

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 Body and the general principles of Pathology

ANAP0120-2 *General pathological anatomy* - Jacques BONIVER, Philippe DELVENNE 22 - - 3

GENE0121-2 *Special medical genetics* - Vincent BOURS 14 - - 2

Courses by module

(Anatomy, Systematic and Topographic Anatomy, Pathological Anatomy, Biochemical Pathology, Embryology, Genetics, Histology, Microbiology, Pharmacology, Physiology, Pathological Physiology, Semiology)

Collégialité : Jacques Boniver, Pierre Bonnet, Jean-Pierre Bourguignon, Vincent Bours, Alain Carlier, Vincent D'Orio, Jean-Olivier Defraigne, Patrick De Mol, Jean-Michel Foidart, Vincent Geenen, Philippe Gillet, Thierry Grisar, Ernst Heinen, Maurice Lamy, Raymond Limet, Edouard Louis, Renaud Louis, Michel Meurisse, Gustave Moonen, Michel Moutschen, Nicolas Paquot, Luc Pierard, Jean-Pierre Schaaps, André Scheen, Jean Schoenen, Vincent Seutin.

CAVS0120-4 *Multidisciplinary approach to the cardiovascular system* - Pierre BONNET - [15h PBL] 23 - [+] 5

RESP0120-4 *Multidisciplinary approach to the respiratory system* - COLLÉGIALITÉ - [15h APP] 18 - [+] 5

REIN0120-4 *Multidisciplinary approach to the nephritic and urinary system* - COLLÉGIALITÉ - [15h 16 APP] - [+] 5

IMMU0120-4 *Multidisciplinary approach to the blood system* - COLLÉGIALITÉ - [9h APP] 8 - [+] 4

DERM0121-4 *Multidisciplinary approach to the cutaneous system* - Pierre BONNET 6 - - 2

Module Learning

APPR0122-3 *Techniques of multidisciplinary training per problem of the cardiovascular, respiratory, néphro-urinary, hematologic and cutaneous apparatuses - Integration of knowledge* - Jacques BONIVER, Pierre BONNET, Jean-Pierre BOURGUIGNON, Vincent BOURS, Alain CARLIER, Vincenzo D'ORIO, Jean-Olivier DEFRAIGNE, Patrick DE MOL, Pierre FIRKET, Didier GIET, Thierry GRISAR, Ernst HEINEN, Maurice LAMY, Michel MOUTSCHEN, Jean-Pierre SCHAAPS, Jean SCHOENEN, Vincent SEUTIN - [11h QA Sess.] - - [+] 2

MEDE0120-3 *Multidisciplinary practical work (anatomy, histology, general pathological anatomy) of the cardiovascular, respiratory, néphro-urinary, hematologic and cutaneous apparatuses and seminars in preparation to the training nursing courses including the introduction* - Jacques BONIVER, Pierre BONNET, Christian BOUFFIOUX, Philippe BOXHO, Ernst HEINEN, Michel JACQUART, Michel MEURISSE, Michel MOUTSCHEN - [8h SEM] - 76 [+] 3

Third Year

First semester

Compulsory courses

Module The Normal Body and the general principles of Pathology

RBIO0130-1 *Radiobiology - radioprotection* - Jacques BONIVER, Véra PIRLET 6 - - 2

PHAC0130-1 *General pharmacology* - Vincent SEUTIN 20 - - 3

Courses by module

(Anatomy, Systematic and Topographic Anatomy, Pathological Anatomy, Biochemical Pathology, Embryology, Genetics, Histology, Microbiology, Pharmacology, Physiology, Pathological Physiology, Semiology)

Collégialité : Jacques Boniver, Pierre Bonnet, Jean-Pierre Bourguignon, Vincent Bours, Alain Carlier, Vincent D'Orio, Jean-Olivier Defraigne, Patrick De Mol, Jean-Michel Foidart, Vincent Geenen, Philippe Gillet, Thierry Grisar, Ernst Heinen, Maurice Lamy, Raymond Limet, Edouard Louis, Renaud Louis, Michel Meurisse, Gustave Moonen, Michel Moutschen, Nicolas Paquot, Luc Pierard, Jean-Pierre Schaaps, André Scheen, Jean Schoenen, Vincent Seutin.

DIGT0130-3 *Multidisciplinary approach to the digestive system* - Pierre BONNET - [21h APP] 14 - [+] 7

PHYL0131-3 *Multidisciplinary approach of the metabolic and endocrinal systems* - COLLÉGIALITÉ - [21h APP] 15 - [+] 5

SEXL0130-3	<i>Multidisciplinary approach to the genital system</i> - COLLÉGIALITÉ - [18h APP]	17	-	[+]	6
Module Learning					
APPR0131-2	<i>Techniques of multidisciplinary training per problem of the digestive, genital, metabolic and endocrinal systems - Integration of knowledge</i> - Jacques BONIVER, Pierre BONNET, Jean-Pierre BOURGUIGNON, Vincent BOURS, Alain CARLIER, Vincenzo D'ORIO, Jean-Olivier DEFRAIGNE, Patrick DE MOL, Pierre FIRKET, Didier GIET, Thierry GRISAR, Ernst HEINEN, Maurice LAMY, Michel MOUTSCHEN, Eric SALMON, Jean-Pierre SCHAAPS, André SCHEEN, Jean SCHOENEN, Vincent SEUTIN - [14h QA Sess.]	-	-	[+]	2
MEDE0131-2	<i>Multidisciplinary practical work (anatomy, histology) of the digestive and genital systems, and of the metabolic and endocrinous systems</i> - Pierre BONNET, Ernst HEINEN	-	50	-	2
Module Health and Society					
PSYC0130-2	<i>Introduction to psychopathology</i> - Georges HOUGARDY	18	-	-	3

Second semester

Compulsory courses

Module The Normal Body and the general principles of Pathology

Transversal Courses

MICR0130-3	<i>Medical microbiology</i> - Patrick DE MOL	20	12	-	4
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Courses by module

(Anatomy, Systematic and Topographic Anatomy, Pathological Anatomy, Biochemical Pathology, Embryology, Genetics, Histology, Microbiology, Pharmacology, Physiology, Pathological Physiology, Semiology)

Collégialité : Jacques Boniver, Pierre Bonnet, Jean-Pierre Bourguignon, Vincent Bours, Alain Carlier, Vincent D'Orio, Jean-Olivier Defraigne, Patrick De Mol, Jean-Michel Foidart, Vincent Geenen, Philippe Gillet, Thierry Grisar, Ernst Heinen, Maurice Lamy, Raymond Limet, Edouard Louis, Renaud Louis, Michel Meurisse, Gustave Moonen, Michel Moutschen, Nicolas Paquot, Luc Pierard, Jean-Pierre Schaaps, André Scheen, Jean Schoenen, Vincent Seutin.

NERF0130-3	<i>Multidisciplinary approach to the nervous system</i> - COLLÉGIALITÉ - [27h APP]	17	-	[+]	9
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LOCO0130-3	<i>Multidisciplinary approach to the musculoskeletal system</i> - COLLÉGIALITÉ - [15h APP]	18	-	[+]	5
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IMMU0130-2	<i>Multidisciplinary approach to the immunological system</i> - COLLÉGIALITÉ - [9h APP]	5	-	[+]	3
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PHYL0130-2	<i>Multidisciplinary approach to homeostasis</i> - COLLÉGIALITÉ - [12h APP]	6	-	[+]	4
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Module Learning

Techniques d'apprentissage multidisciplinaire par problème des systèmes nerveux, immunologique, de l'appareil locomoteur et de l'homéostasie - Intégration des connaissances

APPR0001-2	<i>Techniques of multidisciplinary training per problem of the nervous and immunological systems, of the locomotor apparatus and homeostasis - Integration of knowledge</i> - Jacques BONIVER, Pierre BONNET, Jean-Pierre BOURGUIGNON, Vincent BOURS, Alain CARLIER, Vincenzo D'ORIO, Jean-Olivier DEFRAIGNE, Patrick DE MOL, Pierre FIRKET, Didier GIET, Thierry GRISAR, Ernst HEINEN, Maurice LAMY, Michel MOUTSCHEN, Jean-Pierre SCHAAPS, Jean SCHOENEN, Vincent SEUTIN - [12h QA Sess.]	-	-	[+]	2
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MEDE0001-2	<i>Multidisciplinary practical work (anatomy, neuroanatomy, histology, reanimation) of the nervous and immunological systems and of the locomotor apparatus and homeostasis and training nursing courses</i> - Pierre BONNET, Ernst HEINEN, Maurice LAMY, Michel MEURISSE, Jean SCHOENEN - [120h Internship]	-	56	[+]	3
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