

## First Year

First semester

### Compulsory courses

#### Fundamental Sciences : Physics Module

PHYS3018-1 *Physical bases for medical sciences, including physical bases for medical imaging* - 50 8 [+] 8  
Maryse HOEBEKE - [20h QA Sess.]

#### Fundamental Sciences : Chemistry Module

CHIM9263-1 *Preparatory chemistry for medical sciences* - JeanFrançois FOCANT - [30h QA Sess.] 50 12 [+] 8

#### Module Basic Sciences - Biology

BIOL2026-1 *General biology as preparation for medical sciences, including an introduction to general genetics* - Vincenzo CASTRONOVO - [8h QA Sess.] 65 16 [+] 9

#### Module Health and society I

STAT0110-1 *Biostatistics I* - Adelin ALBERT 15 10 - 2

#### Module Learning

APPR0331-1 *Training in transdisciplinary approaches to medical problems - Scientific steps* - 2 - [+] 3  
Adelin ALBERT, Vincenzo CASTRONOVO, Michel DELHAXHE, JeanFrançois FOCANT, Maryse HOEBEKE - [10h QA Sess.]

Second semester

### Compulsory courses

#### Module Health and society II

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

EPID0110-2 *Basis of Epidemiology* - Olivier BRUYÈRE, JeanYves REGINSTER 8 - - 1

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

#### Module Biomedical - part Functional

BIOC9238-1 *Seminars on clinical biology, 2nd year* - Bernard ROGISTER 35 10 - 6

PHYL0645-1 *General physiology* - Bernard ROGISTER 30 10 - 5

#### Module biomedical - part morphological

ANAT0224-1 *Introduction to human anatomy, including introduction to general embryology* - 32 20 - 6  
Pierre BONNET, Sophie PERRIER D'HAUTERIVE

HISL0541-1 *General histology and alternative experimentation methods that do not use animals* - 24 24 - 5  
Pierre DRION, Pascale QUATRESOOZ

#### Module Learning

LANG2940-1 *English I* - Christine FILOT - 20 - 2

APPR0332-1 *Workshop of the integration of knowledge* - Pierre BONNET, Vincenzo CASTRONOVO, 15 - - 2  
France MÉLOT, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ, Bernard ROGISTER

## Second Year

First semester

### Compulsory courses

#### Module General Biomedics

BIOC0120-1 *General biochemistry* - Bernard ROGISTER - [5h SEM] 30 10 [+] 4

PHYL0120-1 *General physiology* - Bernard ROGISTER - [5h SEM] 30 10 [+] 3

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* - 20 24 [+] 3  
Pierre DRION, Pascale QUATRESOOZ - [5h SEM]

SBIM0489-1 *General virology* - Nathalie JACOBS 7 - - 1

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

The seminars concerning learning the integration of knowledge (AIC) are compulsory and will take place in the 1st quadrimester - Vincent BOURS, Gaëtan GARRAUX, Marie-Pierre HAYETTE, Pierrette MELIN, Michel MOUTSCHEN, Pascale QUATRESOOZ, Bernard ROGISTER.

#### Module Health and Society

PSYC0120-1	<i>Introduction to medical psychology</i> - JeanMarc TRIFFAUX	15	-	-	2
<b>Module Learning</b>					
APPR0120-1	<i>Learning techniques (Part II)</i> - Françoise PASLEAU	15	30	-	4
LANG0071-1	<i>English II</i> (english language) - Christine FILOT, Ellen HARRY, ISLV	15	-	-	2
<b>Specific Module</b>					
PHYS0121-1	<i>Physical bases for medical imaging</i> - Maryse HOEBEKE	-	15	-	2

Second semester

#### Compulsory courses

##### Module The Normal Body and the general principles of Pathology

ANAP0120-2	<i>General pathological anatomy</i> - Philippe DELVENNE	22	-	-	3
GENE0121-2	<i>Special medical genetics</i> - 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)

CAVS0120-6	<i>Multidisciplinary approach to the cardiovascular system</i> - JeanPierre BOURGUIGNON, Alain CARLIER, Vincenzo D'ORIO, Sophie PERRIER D'HAUTERIVE, Luc PIERARD, Pascale QUATRESOOZ, Marc RADERMECKER - Suppl : Vincent GEENEN, Marc RADERMECKER	44	-	-	5
RESP0120-6	<i>Multidisciplinary approach to the respiratory system</i> - JeanPierre BOURGUIGNON, Alain CARLIER, Vincenzo D'ORIO, Renaud LOUIS, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ, Marc RADERMECKER - Suppl : Vincent GEENEN, Marc RADERMECKER	34	-	-	5
REIN0120-7	<i>Multidisciplinary approach to the nephrology and urinary system</i> - Pierre BONNET, JeanPierre BOURGUIGNON, Alain CARLIER, Didier CATALDO, JeanMarie KRZESINSKI, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ - Suppl : Pierre BONNET, Vincent GEENEN	36	-	-	5
IMMU0120-6	<i>Multidisciplinary approach to the blood system</i> - Philippe KOLH, Pascale QUATRESOOZ	14	-	-	4
DERM0121-5	<i>Multidisciplinary approach to the cutaneous system</i> - Didier CATALDO, Pascale QUATRESOOZ	8	-	-	2

The seminars concerning the Problem-based learning (PBL) are compulsory and organized during the second semester for the following courses : CAVS0120, RESP0120 and IMMU0120

##### Module Learning

APPR0122-4	<i>Techniques of multidisciplinary training per problem of the cardiovascular, respiratory, néphro-urinary, hematologic and cutaneous apparatuses - Integration of knowledge</i> - Pierre BONNET, JeanPierre BOURGUIGNON, Vincent BOURS, Alain CARLIER, Didier CATALDO, Vincenzo D'ORIO, Philippe DELVENNE, Gaëtan GARRAUX, Philippe KOLH, Michel MOUTSCHEN, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ, Jean SCHOENEN, Vincent SEUTIN - Suppl : Vincent GEENEN - [32h APP]	-	-	[+]	2
MEDE0120-3	<i>Multidisciplinary workshops (anatomy, histology, general pathological anatomy) of the equipment for cardiovascular, respiratory, kidney maintenance, hematological purposes including classes preparing for nursing internships</i> - Pierre BONNET, Alain CARLIER, Philippe DELVENNE, Pascale QUATRESOOZ, Marc RADERMECKER - Suppl : Pierre BONNET, Marc RADERMECKER	-	76	-	3

### Third Year

First semester

#### Compulsory courses

##### Module The Normal Body and the general principles of Pathology

RBIO0130-1	<i>Radiobiology - radioprotection</i> - Philippe DELVENNE, Véra PIRLET	6	-	-	2
PHAC0130-1	<i>General pharmacology</i> - 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)

DIGT0130-5	<i>Multidisciplinary approach to the digestive system</i> - Pierre BONNET, JeanPierre BOURGUIGNON, Alain CARLIER, Didier CATALDO, Edouard LOUIS, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ - Suppl : Vincent GEENEN	45	-	-	7
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PHYL0131-5 *A multidisciplinary approach to metabolic and endocrine systems and nutrition* - Pierre BONNET, JeanPierre BOURGUIGNON, Alain CARLIER, Philippe KOLH, Nicolas PAQUOT, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ - Suppl : Vincent GEENEN 50 - - 6

SEXL0130-5 *Multidisciplinary approach to the genital system* - Pierre BONNET, JeanPierre BOURGUIGNON, Alain CARLIER, Philippe KOLH, Michelle NISOLLE, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ - Suppl : Vincent GEENEN 40 - - 5

The seminars concerning the Problem-based learning (PBL) are compulsory and organized during the second semester for the following courses : DIGT0130, PHYL0130 and SEXL0130

#### Module Learning

APPR0131-3 *Techniques of multidisciplinary training per problem of the digestive, genital, metabolic and endocrinal systems - Integration of knowledge* - Pierre BONNET, JeanPierre BOURGUIGNON, Alain CARLIER, Didier CATALDO, Vincenzo D'ORIO, Philippe DELVENNE, Gaëtan GARRAUX, MariePierre HAYETTE, Philippe KOLH, Pierrette MELIN, Michelle NISOLLE, Nicolas PAQUOT, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ, Vincent SEUTIN - Suppl : Vincent GEENEN - [24h APP] - - [+] 2

MEDE0131-3 *Multidisciplinary practical work (anatomy, histology) of the digestive and genital systems, and of the metabolic and endocrinous systems* - Pierre BONNET, Alain CARLIER, Pascale QUATRESOOZ, Marc RADERMECKER - 51 - - 2

#### Module Health and Society

PSYC0130-2 *Introduction to psychopathology* - JeanMarc TRIFFAUX 18 - - 3

Second semester

#### Compulsory courses

##### Module The Normal Body and the general principles of Pathology

##### Transversal Courses

MICR0130-2 *Medical microbiology* - MariePierre HAYETTE, Pierrette MELIN 16 12 - 3

SBIM0490-1 *Special virology* - Nathalie JACOBS 8 - - 1

##### Courses by module

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

NERF0130-5 *Multidisciplinary approach to the nervous system* - Gaëtan GARRAUX, Pierre MAQUET, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ, Jean SCHOENEN, Vincent SEUTIN - Suppl : Vincent GEENEN 50 - - 9

LOCO0130-6 *Multidisciplinary approach to the musculoskeletal system* - Alain CARLIER, Philippe GILLET, Philippe KOLH, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ - Suppl : Vincent GEENEN, Philippe GILLET 30 - - 5

IMMU0130-6 *Multidisciplinary approach to the immunological system* - Philippe DELVENNE, MariePierre HAYETTE, Pierrette MELIN, Michel MOUTSCHEN, Pascale QUATRESOOZ 10 - - 3

PHYL0130-4 *Multidisciplinary approach to homeostasis* - JeanFrançois BRICHANT, Vincenzo D'ORIO, Gaëtan GARRAUX, Philippe KOLH 12 - - 4

The seminars concerning the Problem-based learning (PBL) are compulsory and organized during the second semester for the following courses : NERF0130, LOCO0130, IMMU0130 and PHYL0130

#### Module Learning

APPR0001-3 *Techniques of multidisciplinary training per problem of the nervous and immunological systems, of the locomotor apparatus and homeostasis - Integration of knowledge* - JeanPierre BOURGUIGNON, Alain CARLIER, Vincenzo D'ORIO, Gaëtan GARRAUX, Philippe GILLET, MariePierre HAYETTE, Philippe KOLH, Pierrette MELIN, Michel MOUTSCHEN, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ, Jean SCHOENEN, Vincent SEUTIN - Suppl : Vincent GEENEN - [32h APP] - - [+] 2

MEDE0001-4 *Multidisciplinary practical work (anatomy, neuroanatomy, histology, intensive care) of the nervous and immunological systems and of the locomotor apparatus and homeostasis and training nursing courses* - Pierre BONNET, JeanFrançois BRICHANT, Alain CARLIER, Philippe GILLET, Pascale QUATRESOOZ, Jean SCHOENEN - Suppl : Philippe GILLET - [120h Internship] - 65 [+] 3