

First Year

Compulsory courses

Fundamental Sciences : Physics Module

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

Fundamental Sciences : Chemistry Module

CHIM0112-3 *Chemistry preparing to medical and dentistry sciences* - Jean-François FOCANT - [24h 65 24 [+] 12
QA Sess., 10h REM]

Module Basic Sciences - Biology

BIOL0115-1 *General biology, preparatory to medical sciences, including introduction to molecular biology and human anatomy, general embryology and general genetics* 23
- *General biology preparing to biomedical sciences, including introduction to molecular biology, general embryology and general genetics* - Vincenzo CASTRONOVO - [20h QA Sess.] 85 40 [+] 2
- *Introduction to human anatomy* - Pierre BONNET 30 20 -

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, 10 30 -
Pierre BONNET, Vincenzo CASTRONOVO, Michel DELHAXHE, Christine FILOT,
Jean-François FOCANT, Gary HARTSTEIN, Maryse HOEBEKE, Philippe MAIRIAUX,
Jean-Yves REGINSTER

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* - 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, Marie-Pierre HAYETTE, Ernst HEINEN, Thierry GRISAR, Pierrette MELIN, Michel MOUTSCHEN, 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 Body and the general principles of Pathology

ANAP0120-2 *General pathological anatomy* - 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> - Pierre BONNET, Jean-Pierre BOURGUIGNON, Alain CARLIER, Vincenzo D'ORIO, Ernst HEINEN, Sophie PERRIER D'HAUTERIVE, Luc PIERARD, Marc RADERMECKER	44	-	-	5
RESP0120-6	<i>Multidisciplinary approach to the respiratory system</i> - Pierre BONNET, Jean-Pierre BOURGUIGNON, Alain CARLIER, Vincenzo D'ORIO, Ernst HEINEN, Renaud LOUIS, Sophie PERRIER D'HAUTERIVE, Marc RADERMECKER	34	-	-	5
REIN0120-7	<i>Multidisciplinary approach to the nephrology and urinary system</i> - Pierre BONNET, Jean-Pierre BOURGUIGNON, Alain CARLIER, Didier CATALDO, Ernst HEINEN, Jean-Marie KRZESINSKI, Sophie PERRIER D'HAUTERIVE - Suppl : Jean-Pierre SCHAAPS	36	-	-	5
IMMU0120-6	<i>Multidisciplinary approach to the blood system</i> - Ernst HEINEN, Philippe KOLH	14	-	-	4
DERM0121-5	<i>Multidisciplinary approach to the cutaneous system</i> - Didier CATALDO, Ernst HEINEN, Arjen NIKKELS	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, Jean-Pierre BOURGUIGNON, Vincent BOURS, Alain CARLIER, Didier CATALDO, Vincenzo D'ORIO, Philippe DELVENNE, Thierry GRISAR, Marie-Pierre HAYETTE, Ernst HEINEN, Philippe KOLH, Pierrette MELIN, Michel MOUTSCHEN, Sophie PERRIER D'HAUTERIVE, Jean SCHOENEN, Vincent SEUTIN - [32h APP]	-	-	[+]	2
MEDE0120-3	<i>Multidisciplinary workshops (anatomy, histology, general pathological anatomy) of the equipment for cardiovascular, respiratory, kidney maintenance, hematological purposes</i> - Pierre BONNET, Alain CARLIER, Philippe DELVENNE, Ernst HEINEN, 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, Jean-Pierre BOURGUIGNON, Alain CARLIER, Didier CATALDO, Ernst HEINEN, Edouard LOUIS, Sophie PERRIER D'HAUTERIVE	45	-	-	7
PHYL0131-5	<i>Multidisciplinary approach of the metabolic and endocrinal systems</i> - Pierre BONNET, Jean-Pierre BOURGUIGNON, Alain CARLIER, Ernst HEINEN, Philippe KOLH, Nicolas PAQUOT, Sophie PERRIER D'HAUTERIVE	45	-	-	6
SEXL0130-5	<i>Multidisciplinary approach to the genital system</i> - Pierre BONNET, Jean-Pierre BOURGUIGNON, Alain CARLIER, Patrick EMONTS, Jean-Michel FOIDART, Ernst HEINEN, Philippe KOLH, Michelle NISOLLE, Sophie PERRIER D'HAUTERIVE	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	<i>Techniques of multidisciplinary training per problem of the digestive, genital, metabolic and endocrinal systems - Integration of knowledge</i> - Pierre BONNET, Jean-Pierre BOURGUIGNON, Vincent BOURS, Alain CARLIER, Didier CATALDO, Vincenzo D'ORIO, Philippe DELVENNE, Patrick EMONTS, Jean-Michel FOIDART, Thierry GRISAR, Marie-Pierre HAYETTE, Ernst HEINEN, Philippe KOLH, Pierrette MELIN, Michel MOUTSCHEN, Michelle NISOLLE, Nicolas PAQUOT, Sophie PERRIER D'HAUTERIVE, Eric SALMON, André SCHEEN, Jean SCHOENEN,	-	-	[+]	2
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	Vincent SEUTIN - [24h APP]				
MEDE0131-3	<i>Multidisciplinary practical work (anatomy, histology) of the digestive and genital systems, and of the metabolic and endocrinous systems</i> - Pierre BONNET, Alain CARLIER, Ernst HEINEN	-	51	-	2

Module Health and Society

PSYC0130-2	<i>Introduction to psychopathology</i> - Jean-Marc TRIFFAUX		18	-	-	3
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Second semester

Compulsory courses

Module The Normal Body and the general principles of Pathology

Transversal Courses

MICR0130-3	<i>Medical microbiology</i> - Marie-Pierre HAYETTE, Pierrette MELIN		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)

NERF0130-5	<i>Multidisciplinary approach to the nervous system</i> - Thierry GRISAR, Ernst HEINEN, Gustave MOONEN, Sophie PERRIER D'HAUTERIVE, Jean SCHOENEN, Vincent SEUTIN		50	-	-	9
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LOCO0130-6	<i>Multidisciplinary approach to the musculoskeletal system</i> - Alain CARLIER, Philippe GILLET, Ernst HEINEN, Philippe KOLH, Sophie PERRIER D'HAUTERIVE - Suppl : Jean-Pierre SCHAAPS		30	-	-	5
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IMMU0130-5	<i>Multidisciplinary approach to the immunological system</i> - Philippe DELVENNE, Marie-Pierre HAYETTE, Ernst HEINEN, Pierrette MELIN, Michel MOUTSCHEN		8	-	-	3
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PHYL0130-4	<i>Multidisciplinary approach to homeostasis</i> - Jean-François BRICHANT, Vincenzo D'ORIO, Thierry GRISAR, Philippe KOLH		12	-	-	4
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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	<i>Techniques of multidisciplinary training per problem of the nervous and immunological systems, of the locomotor apparatus and homeostasis - Integration of knowledge</i> - Pierre BONNET, Jean-Pierre BOURGUIGNON, Vincent BOURS, Alain CARLIER, Didier CATALDO, Vincenzo D'ORIO, Philippe DELVENNE, Pierre FIRKET, Didier GIET, Philippe GILLET, Thierry GRISAR, Marie-Pierre HAYETTE, Ernst HEINEN, Philippe KOLH, Pierrette MELIN, Michel MOUTSCHEN, Sophie PERRIER D'HAUTERIVE, Jean SCHOENEN, Vincent SEUTIN - [32h APP]		-	-	[+]	2
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MEDE0001-3	<i>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</i> - Jean-François BRICHANT, Alain CARLIER, Philippe GILLET, Ernst HEINEN, Michel MEURISSE, Jean SCHOENEN - [120h Internship]		57	-	[+]	3
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