

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 [+] 9
Maryse HOEBEKE - [20h QA Sess.]

Fundamental Sciences : Chemistry Module

CHIM9263-1 *Chemistry preparing to medical sciences* - JeanFrançois FOCANT - [30h QA Sess.] 50 12 [+] 9

Module Basic Sciences - Biology

BIOL2026-2 *General biology as preparation for medical sciences, including an introduction to general genetics* - Vincenzo CASTRONOVO - [12h QA Sess.] 65 16 [+] 9

Module Learning

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

Second semester

Compulsory courses

Module Health and Society

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

EPID0110-3 *Basis of Epidemiology* - Olivier BRUYÈRE, JeanYves REGINSTER 13 - - 1

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

Module Biomedical - part Functional

BIOC9238-1 *General biochemistry, including the basis of molecular biology* - Bernard REGISTER 35 10 - 6

PHYL0645-1 *General physiology* - Bernard REGISTER 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 for medical sciences* - 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 REGISTER

Second Year

First and Second semester

Compulsory courses

Module The Normal Body and the general principles of Pathology

ANAP0120-3 *General pathological anatomy* - Philippe DELVENNE 22 6 - 3

First semester

Compulsory courses

Module General Biomedics

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

IMMU0121-5 *General Immunology* - Michel MOUTSCHEN 15 - - 2

MICR1714-1 *General microbiology* - MariePierre HAYETTE, Pierrette MELIN 16 10 - 2

SBIM0489-1 *Virology Part 1* - Nathalie JACOBS 7 - - 1

Courses by module

(Anatomy, Systematic and Topographical anatomy, Pathological anatomy, Biochemistry, Pathological Biochemistry, Zmbryology, Genetics, Histology, Microbiology, Physiology, Pathological Physiology, Semiology)

CAVS0120-6 *Multidisciplinary approach to the cardiovascular system* - JeanPierre BOURGUIGNON, 44 - - 5
Alain CARLIER, Vincenzo D'ORIO, Vincent GEENEN, Sophie PERRIER D'HAUTERIVE,
Luc PIERARD, Pascale QUATRESOOZ, Marc RADERMECKER - Suppl :

	ADERMECKER				
RESP0120-6	<i>Multidisciplinary approach to the respiratory system</i> - JeanPierre BOURGUIGNON, Alain CARLIER, Vincenzo D'ORIO, Vincent GEENEN, Renaud LOUIS, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ, Marc RADERMECKER - Suppl : Marc RADERMECKER	34	-	-	5
REIN0120-7	<i>Multidisciplinary approach to the nephrology and urinary system</i> - Pierre BONNET, JeanPierre BOURGUIGNON, Alain CARLIER, Didier CATALDO, Vincent GEENEN, JeanMarie KRZESINSKI, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ - Suppl : Pierre BONNET	36	-	-	5
IMMU0120-6	<i>Multidisciplinary approach to the blood system</i> - Philippe KOLH, Pascale QUATRESOOZ	14	-	-	3

Module Learning

The seminars concerning the Problem-based learning (PBL) are compulsory and organized during the second semester for the modules CAVS0120, RESP0120, REIN0120 and IMMU0120.

APPR0122-4	<i>Techniques of multidisciplinary training per problem of the cardiovascular, respiratory, néphro-urinary, hematologic apparatuses - Integration of knowledge.</i> - Pierre BONNET, JeanPierre BOURGUIGNON, Vincent BOURS, Alain CARLIER, Didier CATALDO, Vincenzo D'ORIO, Philippe DELVENNE, Gaëtan GARRAUX, Vincent GEENEN, Philippe KOLH, Michel MOUTSCHEN, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ, Félix SCHOLTES, Vincent SEUTIN - [32h APP]	-	-	[+]	2
MEDE0120-3	<i>Practical multi-disciplinary work (anatomy, histology) of the cardiovascular, respiratory, nephro-urinary and immuno-hematological systems</i> - Pierre BONNET, Alain CARLIER, Pascale QUATRESOOZ, Marc RADERMECKER	-	70	-	3

Second semester

Compulsory courses

Module The Normal Body and the general principles of Pathology

GENE0121-2	<i>Special medical genetics</i> - Vincent BOURS	14	-	-	2
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Courses by module

(Anatomy, Systematic and Topographical anatomy, Pathological anatomy, Biochemistry, Pathological Biochemistry, Zmbryology, Genetics, Histology, Microbiology, Physiology, Pathological Physiology, Semiology)

DERM0121-5	<i>Multidisciplinary approach to the cutaneous system</i> - Didier CATALDO, Pascale QUATRESOOZ	8	-	-	1
DIGT0120-1	<i>Multidisciplinary approach to the digestive system</i> - Pierre BONNET, JeanPierre BOURGUIGNON, Alain CARLIER, Didier CATALDO, Vincent GEENEN, Edouard LOUIS, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ - Suppl : Pierre BONNET	45	-	-	6
PHYL0121-1	<i>Multidisciplinary approach to the metabolic and endocrine systems, nutrition and dietetic elements</i> - Pierre BONNET, JeanPierre BOURGUIGNON, Alain CARLIER, Vincent GEENEN, Philippe KOLH, Nicolas PAQUOT, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ	52	-	-	7
SEXL0120-1	<i>Multidisciplinary approach to the genital system</i> - Pierre BONNET, JeanPierre BOURGUIGNON, Alain CARLIER, Philippe KOLH, Michelle NISOLLE, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ	40	-	-	5

Module Learning

LANG0071-1	<i>Advanced English for medical sciences (english language)</i> - Christine FILOT, ISLV, Sébastien SCHOENMAECKERS	15	-	-	2
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The seminars concerning the Problem-based learning (PBL) are compulsory and organized during the second semester for the modules DIGT0120, PHYL0121 and SEXL0120.

APPR0141-1	<i>Techniques of multidisciplinary training per problem of the digestive, genital, metabolic and endocrinal systems - Integration of knowledge.</i> - 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, Félix SCHOLTES, Vincent SEUTIN - [24h APP]	-	-	[+]	2
MEDE0121-1	<i>Practical multi-disciplinary work (anatomy, histology) of the digestive, genital, cutaneous, metabolic and endocrine systems including preparatory courses for nurses</i> - Pierre BONNET, Alain CARLIER, Pascale QUATRESOOZ, Marc RADERMECKER	-	57	-	2

Third Year

First semester

Compulsory courses

Module The Normal Body and the general principles of Pathology

RBIO0130-1	<i>Radiobiology - radioprotection</i> - Chantal HUMBLET, Philippe MARTINIVE, 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, Vincent GEENEN, Edouard LOUIS, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ	45	-	-	7
PHYL0131-5	<i>Multidisciplinary approach to the metabolic and endocrine systems, nutrition and dietetic elements</i> - Pierre BONNET, JeanPierre BOURGUIGNON, Alain CARLIER, Vincent GEENEN, Philippe KOLH, Nicolas PAQUOT, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ - Suppl : Marc RADERMECKER	52	-	-	6
SEXL0130-5	<i>Multidisciplinary approach to the genital system</i> - Pierre BONNET, JeanPierre BOURGUIGNON, Alain CARLIER, Vincent GEENEN, Philippe KOLH, Michelle NISOLLE, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ - Suppl : Pierre BONNET	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, JeanPierre BOURGUIGNON, Jean CARLIER, Didier CATALDO, Vincenzo D'ORIO, Philippe DELVENNE, Gaëtan GARRAUX, Vincent GEENEN, MariePierre HAYETTE, Philippe KOLH, Pierrette MELIN, Michelle NISOLLE, Nicolas PAQUOT, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ, Félix SCHOLTES, Vincent SEUTIN - [24h APP]	-	-	[+]	2
MEDE0131-3	<i>Practical multi-disciplinary work (anatomy, histology) of the digestive, genital, cutaneous, metabolic and endocrine systems including preparatory courses for nurses</i> - Pierre BONNET, Alain CARLIER, Pascale QUATRESOOZ, Marc RADERMECKER	-	57	-	2

Module Health and Society

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

Compulsory courses

Module The Normal Body and the general principles of Pathology

Transversal Courses

MICR0130-2	<i>Medical microbiology</i> - MariePierre HAYETTE, Pierrette MELIN	16	12	-	3
SBIM0490-1	<i>Virology Part 2</i> - Nathalie JACOBS	8	-	-	1
(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> - Gaëtan GARRAUX, Vincent GEENEN, Pierre MAQUET, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ, Félix SCHOLTES, Vincent SEUTIN	50	-	-	9
LOCO0130-6	<i>Multidisciplinary approach to the musculoskeletal system</i> - Alain CARLIER, Vincent GEENEN, Philippe GILLET, Philippe KOLH, Sophie PERRIER D'HAUTERIVE, Pascale QUATRESOOZ	30	-	-	5
IMMU0130-6	<i>Multidisciplinary approach to the immunological system</i> - Philippe DELVENNE, MariePierre HAYETTE, Pierrette MELIN, Michel MOUTSCHEN, Pascale QUATRESOOZ	10	-	-	3
PHYL0130-4	<i>Multidisciplinary approach to homeostasis</i> - JeanFrançois BRICHANT, Vincenzo D'ORIO, Gaëtan GARRAUX, Philippe KOLH, Jean PETERMANS	12	-	-	4

The seminars concerning the Problem-based learning (PBL) are compulsory and organized during the second semester for the modules NEUR0130, LOCO0130, IMMU0130 and PHYL0130.

Module Learning

Multidisciplinary learning techniques according to nervous system, immunological, musculoskeletal system and homeostatis problems - Integration of knowledge

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

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, Félix SCHOLTES - [120h Internship] - 65 [+] 3