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First Year

First semester

Compulsory courses

Fundamental Sciences : Physics Module

PHYS3018-1 *Physical bases for medical sciences, including physical bases for medical imaging* - Maryse HOEBEKE - [20h QA Sess.] Q1 50 8 [+] 9

Fundamental Sciences : Chemistry Module

CHIM9263-1 *Chemistry preparing to medical sciences* - JeanFrançois FOCANT - [34h QA Sess.] Q1 50 12 [+] 9

Module Basic Sciences - Biology

BIOL2026-2 *General biology as preparation for medical sciences, including an introduction to general genetics* - Vincenzo CASTRONOVO, Olivier PEULEN - [12h QA Sess.] Q1 65 16 [+] 9

Module Learning

APPR0331-1 *Training in transdisciplinary approaches to medical problems - Scientific steps* - Vincenzo CASTRONOVO, Mélanie DEUM, JeanFrançois FOCANT, Maryse HOEBEKE - [10h QA Sess.] Q1 2 - [+] 3

Second semester

Compulsory courses

Module Health and Society

SANT0110-2 *Psycho-social Dimensions of Health* - Philippe MAIRIAUX Q2 17 - - 2

EPID0110-3 *Basis of Epidemiology* - Olivier BRUYÈRE, JeanYves REGINSTER Q2 13 - - 2

URGC0111-1 *First aid* - Gary HARTSTEIN Q2 2 4 - 1

Module Biomedical - part Functional

BIOC9238-1 *General biochemistry, including the basis of molecular biology* - Bernard ROGISTER Q2 35 10 - 6

PHYL0645-1 *General physiology* - Bernard ROGISTER Q2 30 10 - 5

Module biomedical - part morphological

ANAT0224-1 *Introduction to human anatomy, including introduction to general embryology* - Pierre BONNET Q2 32 20 - 6

HISL0541-1 *General histology and alternative experimentation methods that do not use animals* - Pierre DRION, Pascale QUATRESOOZ Q2 24 24 - 5

Module Learning

LANG2940-1 *English for medical sciences* - Christine FILOT Q2 - 20 - 2

APPR0332-1 *Workshop of the integration of knowledge* - France MÉLOT, Pascale QUATRESOOZ, Bernard ROGISTER Q2 10 - - 1

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 Q2 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 Q1 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, Alain CARLIER, Vincenzo D'ORIO, Vincent GEENEN, 44 - - 5

RESP0120-6	Luc PIERARD, Pascale QUATRESOOZ, Marc RADERMECKER <i>Multidisciplinary approach to the respiratory system -</i>	34	-	-	5
REIN0120-7	JeanPierre BOURGUIGNON, Alain CARLIER, Vincenzo D'ORIO, Vincent GEENEN, Renaud LOUIS, Pascale QUATRESOOZ, Marc RADERMECKER <i>Multidisciplinary approach to the nephrology and urinary system -</i>	Q2 36	-	-	5
IMMU0120-6	Pierre BONNET, JeanPierre BOURGUIGNON, Alain CARLIER, Didier CATALDO, Vincent GEENEN, JeanMarie KRZESINSKI, Pascale QUATRESOOZ <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, 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	Q2 8	-	-	1
DIGT0120-1	<i>Multidisciplinary approach to the digestive system -</i> Pierre BONNET, JeanPierre BOURGUIGNON, Alain CARLIER, Didier CATALDO, Vincent GEENEN, Edouard LOUIS, Pascale QUATRESOOZ	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, Pascale QUATRESOOZ	52	-	-	7
SEXL0120-1	<i>Multidisciplinary approach to the genital system -</i> Pierre BONNET, JeanPierre BOURGUIGNON, Alain CARLIER, Vincent GEENEN, Philippe KOLH, Michelle NISOLLE, Pascale QUATRESOOZ	40	-	-	5

Module Learning

LANG0071-1	<i>Advanced English for medical sciences (english language) -</i> Christine FILOT, ISLV, Sébastien SCHOENMAECKERS	Q2 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, Vincent GEENEN, Philippe KOLH, Michelle NISOLLE, Nicolas PAQUOT, 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 *Radiobiology - radioprotection* - Chantal HUMBLET, Philippe MARTINIVE, Véra PIRLET Q1 6 - - 1

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)

NERF0130-5 *Multidisciplinary approach to the nervous system* - Gaëtan GARRAUX, Vincent GEENEN, Pierre MAQUET, Pascale QUATRESOOZ, Félix SCHOLTES, Vincent SEUTIN 50 - - 8

LOCO0130-6 *Multidisciplinary approach to the musculoskeletal system* - Alain CARLIER, Vincent GEENEN, Philippe GILLET, Philippe KOLH, Pascale QUATRESOOZ Q1 30 - - 4

IMMU0130-6 *Multidisciplinary approach to the immunological system* - Philippe DELVENNE, MariePierre HAYETTE, Pierrette MELIN, Michel MOUTSCHEN, Pascale QUATRESOOZ 12 - - 2

PHYL0130-4 *Multidisciplinary approach to homeostasis* - JeanFrançois BRICHANT, Vincenzo D'ORIO, Gaëtan GARRAUX, Philippe KOLH, Jean PETERMANS 10 - - 2

Les séminaires d'apprentissage par problèmes (APP) sont obligatoires et organisés durant le premier quadrimestre pour les modules NERF0130, LOCO0130, IMMU0130 et 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, Vincent GEENEN, Philippe GILLET, MariePierre HAYETTE, Philippe KOLH, Pierrette MELIN, Michel MOUTSCHEN, Pascale QUATRESOOZ, Félix SCHOLTES, Vincent SEUTIN - [32h APP] Q1 - - [+] 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, Alain CARLIER, Philippe GILLET, Pascale QUATRESOOZ, Félix SCHOLTES - [80h Internship] - 50 [+] 4

Module Health and Society

PSYC0120-1 *Introduction to medical psychology* - JeanMarc TRIFFAUX Q1 15 - - 2

PSYC0130-2 *Introduction to psychopathology* - JeanMarc TRIFFAUX Q1 15 - - 2

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 6 - - 3

SBIM0490-1 *Virology Part 2* - Nathalie JACOBS Q2 8 - - 1

Courses by module

PATH0132-1 *General principles of clinical diagnosis and of therapeutic* - Philippe DELVENNE, André GOTHOT, Roland HUSTINX, Paul MEUNIER, André SCHEEN Q2 32 - - 3

PATH0133-1 *General principles of oncology* - Philippe COUCKE, Guy JERUSALEM, André SCHEEN Q2 17 - - 1

PATH0134-1 *Pathology of pulmonary system* - JeanMichel CRIELAARD, Vincenzo D'ORIO, JeanOlivier DEFRAIGNE, JeanMarie KRZESINSKI, Luc PIERARD, André SCHEEN, MarieChristine SEGHAÏE Q2 54 - - 7

PATH0135-1 *Pathology of the respiratory system* - JeanMichel CRIELAARD, Vincenzo D'ORIO, JeanOlivier DEFRAIGNE, Philippe LEFÈBVRE, Renaud LOUIS, André SCHEEN, MarieChristine SEGHAÏE Q2 47 - - 5

Module Learning

APPR0333-1 *Information search in a factual medicine perspective* - Françoise PASLEAU 14 25 - - 3

MSTG0763-1 *Observation placements in medicine, including practical work in resuscitation* - COLLÉGIALITÉ - [50h Internship] - 15 [+] 5

PATH0136-1 *Integration of knowledge including learning in clinical and diagnostic reasoning* - COLLÉGIALITÉ - [50h ITCR] - [+] 2