

Th Pr Au Cr

First Year

Compulsory courses

Fundamental Sciences : Physics Module

PHYS0311-1 *Physical and mathematical bases for biomedical sciences* - Serge HABRAKEN - [20h QA Sess., 20h REM] 65 30 [+] 14

Fundamental Sciences : Chemistry Module

CHIM0310-5 *Chemistry preparing to biomedical and pharmaceutical sciences* - Christine JÉRÔME - 60 20 [+] 13
Suppl : Loïc QUINTON - [20h QA Sess., 20h REM]

Module Basic Sciences - Biology

BIOL0314-1 *General biology, preparatory to pharmaceutical sciences, including introduction to molecular biology and human anatomy, general embryology and general genetics* - General biology preparing to pharmaceutical sciences, including introduction to molecular biology, general embryology and general genetics - Vincenzo CASTRONOVO - [20h QA Sess.] - Introduction to human anatomy - Pierre BONNET 85 40 [+] 18
20 10 -

Module Learning

APPR0110-2 *Learning techniques (Part 1)* - Françoise PASLEAU 5 10 - 1
LANG0905-1 *English for medical sciences (english language)* - Pascale DRIANNE, Christine FILOT, ISLV - 24 - 2

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 - - 3
PHIL0110-1 *Epistemology of Health Sciences* - Vinciane DESPRET 15 - - 2
URGC0110-3 *First Aid* - Gary HARTSTEIN 2 4 - 1

Specific Module

PHAR0714-1 *Introduction to pharmaceutical sciences* - Patrick HERNÉ 10 - - 2
PHYS0321-2 *Spectroscopy analysis and medical imaging : physical basis* - Maryse HOEBEKE 20 - - 2

Second Year

First semester

Compulsory courses

Module General Biomedics

BIOC0320-6 *General biochemistry* - Lucien BETTENDORFF - [4h SEM] 25 10 [+] 4
PHYL0320-5 *General physiology* - Didier CATALDO - [4h SEM] 20 10 [+] 3
IMMU0320-2 *General immunology* - Catherine SADZOT - [6h SEM] 15 - [+] 2
MICR0120-9 *General microbiology* - MariePierre HAYETTE, Pierrette MELIN - [6h SEM] 16 10 [+] 3
SBIM0489-1 *Virology Part 1* - Nathalie JACOBS 7 - - 1
NEUR0431-1 *Introduction to neurophysiology* - Gaëtan GARRAUX 15 - - 2

Module Health and Society

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

Module Learning

APPR0120-4 *Learning techniques (Part 2)* - Françoise PASLEAU 15 20 - 3
LANG0074-1 *Advanced English for biomedical sciences (english language)* - Christine FILOT, Sébastien SCHOENMAECKERS 30 - - 4

Specific Module

CHIM0311-6 *Elements of mineral and organic chemistry applied to drug analysis and drug design* - 40 28 [+] 7
JeanFrançois LIÉGEOIS - [10h QA Sess.]

Second semester

Compulsory courses

Module Biomedics

BIOL0320-2 *Molecular Biology* - Jacques PIETTE 30 - - 4

HISL0542-1 *Introduction to histology* - MariePaule DEFRESNE - [6h SEM] 20 - [+] 3

BIOC0708-1 *Biochemistry and normal and pathological human physiology of the cardiovascular and respiratory systems* - Philippe KOLH 30 10 - 4

PATH0330-2 *Introduction to general pathology* - Alexandre GHUYSEN - [10h SEM] 20 - [+] 4

Specific Module

CHIM0320-3 *Introduction to analytical chemistry* - Philippe HUBERT 30 - - 4

CHIM0321-3 *Practical exercises - Introduction to analytical chemistry* - Philippe HUBERT - 100 - 5

BOTA0320-1 *Botanical introduction to pharmacognosy, part A: notions of systematics* - Gabriel CASTILLO CABELLO 15 15 - 3

BOTA0321-2 *Botanical introduction to pharmacognosy, part B: biotechnology and mycology* - Gabriel CASTILLO CABELLO, Jacques DOMMES 15 - - 2

Third Year

First semester

Compulsory courses

Module Analysis and Technology

CHIM0330-3 *Analytical chemistry (Part I)* - Philippe HUBERT 15 56 - 5

Module Pharmacology

CHIM0332-2 *Medicinal chemistry (Part I)* - Bernard PIROTTE 38 36 - 8

PHAR0331-3 *Pharmacognosy (Part I)* - Michel FREDERICH - [5h SEM] 23 36 [+] 6

Module Pharmaco-toxology

PHAR0370-1 *Pharmacokinetics* - Corinne CHARLIER, Géraldine PIEL 10 - - 1

PHAC0130-7 *General pharmacology* - Vincent SEUTIN - [7h SI] 20 - [+] 3

Module Biomedics

BIOC9236-2 *Biochemistry and normal and pathological human physiology - Endocrinian system and metabolism* - Philippe KOLH 20 - - 3

Second semester

Compulsory courses

Module Analysis and Technology

PHAR2019-1 *Integrated work I* - Brigitte EVRARD, Marianne FILLET, Pierre FRANCOTTE, Michel FREDERICH, Philippe HUBERT, Géraldine PIEL, Bernard PIROTTE, AnneCatherine SERVAIS, Monique TITS, Eric ZIEMONS - [60h LBOPS] - - - [+] 6

PHAR0330-2 *Physico-chemical principles applied to pharmaceutical technology* - Brigitte EVRARD - [5h SEM] 20 - [+] 4

CHIM0331-3 *Analytical chemistry (Part II)* - Philippe HUBERT 15 - - 2

Module Pharmacology

CHIM0333-2 *Medicinal chemistry (Part II)* - Bernard PIROTTE - [10h SEM] 37 - [+] 7

PHAR0332-2 *Pharmacognosy (Part II)* - Michel FREDERICH - [2h SEM] 25 20 [+] 5

Module Biomedics

MICR0717-1 *Medical and pharmaceutical microbiology* - - - 5

- *Medical microbiology* - MariePierre HAYETTE 12 6 -

- *Pharmaceutical microbiology* - Pierrette MELIN 14 6 -

SBIM1490-1 *Virology Part 2* - Nathalie JACOBS 8 - - 1

BIOC9237-1 *Biochemistry and normal and pathological human physiology - nervous system* - Gaëtan GARRAUX 20 - - 3

Module Health and Society

SANT0330-1 *Contextual approach to treatment and prevention* - Philippe MAIRIAUX 10 - - 1