

## Cycle view of the study programme

|  |  | Bl | Or | Th | Pr | Au | Cr |
|--|--|----|----|----|----|----|----|
| <b>Compulsory courses (B1 : 56Cr, B2 : 30Cr)</b> |  |    |    |    |    |    |    |
| LANG0130-1                                       | <i>Scientific English Practice (note-taking)</i> - Christine FILOT, Vincent SEUTIN                             | B1 | Q1 | 5  | 25 | -  | 3  |
| LABO0432-1                                       | <i>Techniques for cells and tissue cultures</i> - MarieClaire GILLET   | B1 | Q1 | 5  | 20 | -  | 2  |
| COMU0430-2                                       | <i>Communication Techniques</i> - Robert LEJEUNE   | B1 | Q1 | 15 | 20 | -  | 2  |
| SBIM0486-2                                       | <i>Experimental methodologies in living animals</i> - Pierre DRION   | B1 | Q1 | 25 | 10 | -  | 4  |
| BIOL0431-2                                       | <i>Complement of normal and pathological cellular regulation</i> - Yvette HABRAKEN, Laurent NGUYEN, Agnès NOËL | B1 | Q1 | 20 | -  | -  | 3  |
| LABO0433-2                                       | <i>Modern morphological methods in biomedical research</i> - Roland GREIMERS                                   | B1 | Q1 | 15 | 5  | -  | 2  |
| SANG0430-2                                       | <i>Hematology and haemostasis</i> - André GOTHOT   | B1 | Q1 | 20 | -  | -  | 2  |
| INFO0430-2                                       | <i>Notions of bioinformatics</i> - Olivier PEULEN  | B1 | Q1 | 10 | 10 | -  | 2  |
| GENE0431-1                                       | <i>Complement of genomics</i> - Michel GEORGES   | B1 | Q1 | 20 | 10 | -  | 3  |
| STAT0420-1                                       | <i>Biostatistics 2</i> - Nadia DARDENNE, AnneFrançoise DONNEAU   | B1 | Q1 | 15 | 15 | -  | 2  |
| RADL0440-1                                       | <i>Radiobiology</i> - Chantal HUMBLET, Philippe MARTINIVE  | B1 | Q2 | 30 | 10 | -  | 3  |
| CHIM0440-2                                       | <i>Clinical chemistry</i> - Etienne CAVALIER   | B1 | Q2 | 20 | 10 | -  | 3  |
| TOXI0432-1                                       | <i>Complement of toxicology</i> - Raphaël DENOZ  | B1 | Q2 | 10 | 10 | -  | 2  |
| CHIM0433-1                                       | <i>Proteomics</i> - Marianne FILLET, Pierre LEPRINCE, Gabriel MAZZUCHELLI                                      | B1 | Q2 | 20 | 10 | -  | 3  |
| NEUR0432-1                                       | <i>Complement of neurobiology</i> - Pierre LEPRINCE  | B1 | Q2 | 20 | 10 | -  | 3  |
| METO0822-1                                       | <i>Introduction to translational research</i> - Stéphane BERGHMANS, François JOURET                            | B1 | Q2 | 30 | -  | -  | 2  |
| STAT1750-1                                       | <i>Multivariate statistical analysis</i> - Nadia DARDENNE, AnneFrançoise DONNEAU                               | B2 | Q1 | 10 | 15 | -  | 2  |
| MMEM0440-1                                       | <i>Final thesis</i> - COLLÉGIALITÉ<br><b>Prerequisite :</b><br>MSTG0430-3 - Stage en laboratoire               | B2 | Q2 | -  | -  | -  | 28 |

### Specific Module

|            |   |    |    |   |   |     |    |
|------------|---|----|----|---|---|-----|----|
| MSTG0430-3 | <i>Placement in laboratory</i> - COLLÉGIALITÉ - [140h Internship] | B1 | Q2 | 5 | - | [+] | 15 |
|------------|---|----|----|---|---|-----|----|

### Optional courses (B1 : 4Cr, B2 : 30Cr)

Choose one course from the following : (B1 : 2Cr)

|            |   |    |    |    |   |     |   |
|------------|---|----|----|----|---|-----|---|
| BIOC0210-5 | <i>Functional properties of biological macromolecules</i> - André MATAGNE - [10h Mon. WS] | B1 | Q1 | 20 | - | [+] | 2 |
| BIOC0720-2 | <i>Structure of biological macromolecules</i> - Paulette CHARLIER - [5h Mon. WS]          | B1 | Q1 | 15 | - | [+] | 2 |
| BIOC0709-4 | <i>Bioenergetics</i> - Pierre CARDOL, Fabrice FRANCK                                      | B1 | Q1 | 20 | - | -   | 2 |
| BIOC0725-1 | <i>Stem Cell Biology</i> - Renaud VANDENBOSCH   | B1 | Q1 | 20 | - | -   | 2 |

Choose one of the following courses : (B1 : 2Cr)

|            |  |    |    |    |   |     |   |
|------------|--|----|----|----|---|-----|---|
| BIOC0722-1 | <i>Application of spectroscopic techniques to the study of folding and stability of proteins</i> - André MATAGNE - [10h Mon. WS] | B1 | Q2 | 20 | - | [+] | 2 |
| CHIM0687-1 | <i>Introduction to protein NMR</i> - Christian DAMBLON - [10h Mon. WS]   | B1 | Q2 | 10 | - | [+] | 2 |
| CHIM0688-1 | <i>Mass spectrometry</i> - Edwin DE PAUW - [10h Mon. WS]   | B1 | Q2 | 15 | - | [+] | 2 |
| BIOL2029-1 | <i>Introduction to clinical biology</i> - Etienne CAVALIER,  | B1 | Q2 | 20 | - | -   | 2 |

HARLIER, André GOTHOT, Pierrette MELIN

Choose one focus from the following : (B2 : 1Nbr)

**Research Focus (B2 : 30Cr)**

Choose one option from the following : (B2 : 1Nbr)

**A. Digestive system and nutrition - Coordinator: Nicolas Paquot (B2 : 30Cr)**

*Notice* : all courses in this option could be given in English.

|            |   |    |    |     |    |   |   |
|------------|---|----|----|-----|----|---|---|
| SBIM0430-1 | <i>Methods in vivo and in vitro concerning gastrointestinal tract</i> - Olivier PEULEN  | B2 | Q1 | 15  | 10 | - | 4 |
| SBIM0431-1 | <i>Diseases of the digestive tract and food allergies/intolerances. Pediatric and adult aspects</i> - Jean DELWAIDE, Masendu KALENGA, Edouard LOUIS   | B2 | Q1 | 30  | -  | - | 4 |
| NUTR0711-1 | <i>Nutrition and dietetic elements</i> - Nicolas PAQUOT   | B2 | Q1 | 10  | -  | - | 4 |
| NUTR0712-1 | <i>Nutrition and pathologies</i> - Nicolas PAQUOT   | B2 | Q1 | 10  | -  | - | 4 |
| NUTR1001-1 | <i>Food - Health</i> - Antoine CLINQUART, Véronique DELCENSERIE, MarieLouise SCIPPO   | B2 | Q1 | 20  | -  | - | 3 |
|            | <b>Corequisite :</b><br>SBIM0436-1 - Technologie des denrées alimentaires, législation et étiquetage<br>NUTR0712-1 - Nutrition et pathologies<br>NUTR0711-1 - Nutrition et éléments de diététique |    |    |     |    |   |   |
| QUAL0436-1 | <i>Quality assurance linked to foodstuffs</i><br>- <i>partim I : aspects chimiques</i> - MarieLouise SCIPPO<br>- <i>partim II : aspects biologiques</i> - Georges DAUBE                           | B2 | Q1 | 7,5 | -  | - | 2 |
| SBIM0434-1 | <i>Phytochemical introduction to the analysis of foodstuffs</i> - Michel FREDERICH  | B2 | Q1 | 10  | -  | - | 2 |
| SBIM0436-1 | <i>Dietary technology, legislation and labelling</i> - Antoine CLINQUART  | B2 | Q1 | 15  | -  | - | 2 |
|            | <b>Corequisite :</b><br>NUTR1001-1 - Aliments-Santé<br>NUTR0711-1 - Nutrition et éléments de diététique   |    |    |     |    |   |   |
| SBIM0437-4 | <i>Biosafety</i> - Willy ZORZI  | B2 | Q1 | 10  | 5  | - | 1 |
| SBIM0439-1 | <i>Bibliographic research</i> - Nathalie JACOBS, Nicolas PAQUOT   | B2 | TA | -   | -  | - | 4 |
|            | <b>Prerequisite :</b><br>LANG0130-1 - Pratique de l'anglais scientifique II   |    |    |     |    |   |   |

**B. Biological analyses - Coordinator : Etienne Cavalier (B2 : 30Cr)**

*Notice* : Courses QUAL0430, MICR0431, SBIM0450, SBIM0452, SBIM0453, SBIM0454, SBIM0437 could be given in English.

|            |  |    |    |    |    |   |   |
|------------|--|----|----|----|----|---|---|
| QUAL0430-2 | <i>Quality assurance systems in clinical biology</i> - Etienne CAVALIER                          | B2 | Q1 | 10 | 5  | - | 3 |
|            | <b>Prerequisite :</b><br>CHIM0440-2 - Chimie clinique  |    |    |    |    |   |   |
| MICR0431-2 | <i>Clinical microbiology</i> - Pierrette MELIN   | B2 | Q1 | 15 | 10 | - | 3 |
| IMMU0430-1 | <i>Immunoassay</i> - Benaïssa ELMOUALIJ  | B2 | Q1 | 5  | 10 | - | 3 |
| SBIM0450-1 | <i>Complement of clinical chemistry</i> - Etienne CAVALIER                                       | B2 | Q1 | 15 | 10 | - | 4 |
|            | <b>Prerequisite :</b><br>CHIM0440-2 - Chimie clinique  |    |    |    |    |   |   |
| SBIM0451-2 | <i>The application of molecular biology techniques to clinical biology</i> - MariePaule MERVILLE | B2 | Q1 | 15 | 25 | - | 4 |
| SBIM0452-1 | <i>Cellular and molecular biology of acute and chronic</i>                                       | B2 | Q1 | 15 | -  | - | 3 |

# Study programmes 2016-2017

## Faculty of Medicine

### Master in biomedicine (120 ECTS)

|            |  |    |    |    |   |   |   |   |          |
|------------|--|----|----|----|---|---|---|---|----------|
|            | <i>inflammation</i> - Alain CHARLOT  |    |    |    |   |   |   |   |          |
| SBIM0453-1 | <i>Complement of haematology</i> - André GOTHOT<br><b>Prerequisite :</b><br>SANG0430-2 - Hématologie et hémostase                                | B2 | Q1 | 15 | - | - | - | - | <b>3</b> |
| SBIM0454-1 | <i>Monitoring renal pathologies</i> - Etienne CAVALIER<br><b>Prerequisite :</b><br>CHIM0440-2 - Chimie clinique                                  | B2 | Q1 | 10 | - | - | - | - | <b>2</b> |
| SBIM0437-4 | <i>Biosafety</i> - Willy ZORZI   | B2 | Q1 | 10 | 5 | - | - | - | <b>1</b> |
| SBIM0439-3 | <i>Bibliographic research</i> - Etienne CAVALIER, Nathalie JACOBS<br><b>Prerequisite :</b><br>LANG0130-1 - Pratique de l'anglais scientifique II | B2 | TA | -  | - | - | - | - | <b>4</b> |

#### C. Pharmacology and toxicology - Coordinator : Julien Hanson (B2 : 30Cr)

*Notice* : courses PHAC0430, EPID0441, METO0441, SBIM0461, SBIM0437 could be given in English.

|            |   |    |    |    |    |   |   |   |          |
|------------|---|----|----|----|----|---|---|---|----------|
| PHAC0430-2 | <i>Special pharmacology</i> - Julien HANSON<br><b>Corequisite :</b><br>SBIM0460-1 - Introduction à la pharmacie galénique<br>SBIM0439-4 - Recherche bibliographique | B2 | Q1 | 30 | -  | - | - | - | <b>4</b> |
| EPID0430-1 | <i>Methodology of Clinical Trials</i> - Régis RADERMECKER   | B2 | Q1 | 10 | -  | - | - | - | <b>2</b> |
| EPID0441-1 | <i>Pharmaco-epidemiology and Pharmaco-economics</i> -<br>Olivier ETHGEN   | B2 | Q1 | 10 | -  | - | - | - | <b>2</b> |
| TOXI0441-1 | <i>Experimental Toxicology</i> - Corinne CHARLIER<br><b>Prerequisite :</b><br>TOXI0432-1 - Compléments de toxicologie   | B2 | Q1 | 10 | -  | - | - | - | <b>2</b> |
| METO0441-1 | <i>Methodology of Pharmaceutical Research</i> - Pierre FRANCOTTE  | B2 | Q1 | 15 | 10 | - | - | - | <b>3</b> |
| SBIM0460-1 | <i>Introduction to the Pharmaceutical Technology</i> -<br>Géraldine PIEL  | B2 | Q1 | 15 | 10 | - | - | - | <b>3</b> |
| BIOL2025-1 | <i>Medical and pharmaceutical applications in molecular biology</i><br>- Alain CHARLOT  | B2 | Q1 | 10 | -  | - | - | - | <b>2</b> |
| SBIM0461-1 | <i>Radiomarking and the medical and experimental use of tracers</i><br>- Joël AERTS   | B2 | Q1 | 10 | -  | - | - | - | <b>2</b> |
| SBIM0462-1 | <i>Pharmacology and addiction clinic</i> - Emmanuel PINTO   | B2 | Q1 | 10 | -  | - | - | - | <b>2</b> |
| SBIM0463-1 | <i>Biocompatibility of implants and biomaterials</i> -<br>Christian GRANDFILS   | B2 | Q1 | 25 | -  | - | - | - | <b>3</b> |
| SBIM0437-4 | <i>Biosafety</i> - Willy ZORZI  | B2 | Q1 | 10 | 5  | - | - | - | <b>1</b> |
| SBIM0439-4 | <i>Bibliographic research</i> - Julien HANSON, Nathalie JACOBS<br><b>Prerequisite :</b><br>LANG0130-1 - Pratique de l'anglais scientifique II                       | B2 | TA | -  | -  | - | - | - | <b>4</b> |

#### D. Neurosciences - Coordinator : Rachelle Franzen (B2 : 30Cr)

*Notice* : courses SBIM0471, SBIM0472, SBIM0474, SBIM0477 could be given in English.

|            |   |    |    |    |   |   |   |   |          |
|------------|---|----|----|----|---|---|---|---|----------|
| SBIM0470-1 | <i>Principles of neuroendocrinology</i> - Charlotte CORNIL,<br>AnneSimone PARENT  | B2 | Q1 | 20 | - | - | - | - | <b>3</b> |
| SBIM0472-1 | <i>In vivo methodology in neuroscience</i> - Rachelle FRANZEN<br><b>Prerequisite :</b><br>SBIM0486-2 - Méthodologies expérimentales des animaux vivants<br>LANG0130-1 - Pratique de l'anglais scientifique II | B2 | Q1 | 20 | - | - | - | - | <b>3</b> |
| SBIM0473-1 | <i>Functional neuro-anatomy in vertebrates</i> - Rachelle FRANZEN<br><b>Prerequisite :</b>  | B2 | Q1 | 30 | - | - | - | - | <b>3</b> |

# Study programmes 2016-2017

## Faculty of Medicine

### Master in biomedicine (120 ECTS)

|            |  |    |    |    |    |   |   |   |   |
|------------|--|----|----|----|----|---|---|---|---|
|            | NEUR0432-1 - Compléments de neurobiologie  |    |    |    |    |   |   |   |   |
| SBIM0474-1 | <i>Biophysics and molecular biology of ion channels</i> - Lucien BETTENDORFF, Dominique ENGEL, Vincent SEUTIN  | B2 | Q1 | 20 | -  | - | - | - | 3 |
| SBIM0475-1 | <i>Pathologies of the nervous system</i> - Eric SALMON<br><b>Prerequisite :</b><br>NEUR0432-1 - Compléments de neurobiologie<br>LANG0130-1 - Pratique de l'anglais scientifique II | B2 | Q1 | 20 | 10 | - | - | - | 4 |
| PSYC0908-1 | <i>Psychobiological questions</i> - Ezio TIRELLI   | B2 | Q1 | 20 | -  | - | - | - | 3 |
| SBIM0477-1 | <i>Functional imagery in humans</i> - Gaëtan GARRAUX, Gilles VANDEWALLE  | B2 | Q1 | 20 | -  | - | - | - | 3 |
| SBIM0437-4 | <i>Biosafety</i> - Willy ZORZI   | B2 | Q1 | 10 | 5  | - | - | - | 1 |
| SBIM0001-1 | <i>Neuro-inflammation and neuroimmunology</i> - Virginie NEIRINCKX, Priscilla VAN DEN ACKERVEKEN   | B2 | Q1 | 15 | -  | - | - | - | 3 |
| SBIM0439-5 | <i>Bibliographic research</i> - Rachele FRANZEN, Nathalie JACOBS<br><b>Prerequisite :</b><br>LANG0130-1 - Pratique de l'anglais scientifique II                                    | B2 | TA | -  | -  | - | - | - | 4 |

#### F. Oncology and immunology - Coordinator : Agnès Noël (B2 : 30Cr)

*Notice :* Courses SBIM0480, SBIM0483, SBIM0484, SBIM0437 could be given in English.

|            |  |    |    |    |    |   |     |   |   |
|------------|--|----|----|----|----|---|-----|---|---|
| SBIM0480-2 | <i>Anatomical pathology of tumours</i> - Jorge ARRESE ESTRADA  | B2 | Q1 | 15 | 15 | - | -   | - | 4 |
| SBIM0481-2 | <i>Molecular and cellular oncology</i> - Yvette HABRAKEN, Agnès NOËL - [35h SEM]<br><b>Prerequisite :</b><br>BIOL0431-2 - Compléments de régulation cellulaire normale et pathologique | B2 | Q1 | 15 | -  | - | [+] | - | 6 |
| SBIM0482-2 | <i>Vaccination</i> - Laurence DELACROIX, N... - [15h SEM]  | B2 | Q1 | 10 | 5  | - | [+] | - | 5 |
| SBIM0483-1 | <i>Cytokine chemokine signalling</i> - Andy CHEVIGNÉ - [5h SEM]  | B2 | Q1 | 10 | -  | - | [+] | - | 3 |
| SBIM0484-1 | <i>Immunology of tumours</i> - Nathalie JACOBS - [10h SEM]   | B2 | Q1 | 10 | -  | - | [+] | - | 4 |
| SBIM0492-1 | <i>Preclinical cancer models</i> - Denis MOTTET - [10h SEM]  | B2 | Q1 | 5  | -  | - | [+] | - | 3 |
| SBIM0437-4 | <i>Biosafety</i> - Willy ZORZI   | B2 | Q1 | 10 | 5  | - | -   | - | 1 |
| SBIM0439-6 | <i>Bibliographic research</i> - Nathalie JACOBS, Agnès NOËL<br><b>Prerequisite :</b><br>LANG0130-1 - Pratique de l'anglais scientifique II   | B2 | TA | -  | -  | - | -   | - | 4 |

#### F. Multidisciplinary English - Coordinator : Vincent Seutin (B2 : 30Cr)

*Notice :* all courses will be given in English.

|            |  |    |    |    |    |   |     |   |   |
|------------|--|----|----|----|----|---|-----|---|---|
| SBIM0494-1 | <i>General introduction to cell biology (english language)</i> - Laurence DELACROIX - [15h Mon. WS, 15h Pers. Res.]<br><b>Prerequisite :</b><br>GENE0431-1 - Compléments de génomique<br>BIOL0431-2 - Compléments de régulation cellulaire normale et pathologique | B2 | Q1 | 16 | -  | - | [+] | - | 4 |
| SBIM0495-1 | <i>Molecular and cellular basis of disease (english language)</i> - Vincent SEUTIN - [10h Mon. WS, 40h Pers. Res.]   | B2 | Q1 | 20 | -  | - | [+] | - | 7 |
| SBIM0496-1 | <i>Advanced techniques for diagnosis and prognosis (english language)</i> - François JOURET - [10h Mon. WS, 40h Pers. Res.]<br><b>Prerequisite :</b><br>METO0822-1 - Introduction à la recherche translationnelle  | B2 | Q1 | 10 | -  | - | [+] | - | 5 |
| SBIM0497-1 | <i>New therapeutic approaches to disease (english language)</i> - Julien HANSON - [10h Mon. WS, 40h Pers. Res.]  | B2 | Q1 | 10 | -  | - | [+] | - | 5 |
| SBIM0498-1 | <i>Critical evaluation of experimental data (english language)</i> - Sabine WISLET - [10h Mon. WS, 10h Pers. Res.]   | B2 | Q1 | 10 | 20 | - | [+] | - | 4 |

|            |  |    |    |   |   |     |   |
|------------|--|----|----|---|---|-----|---|
| SBIM0499-1 | <i>Thematic seminars (english language) - Pierre CLOSE - [20h SEM]</i> | B2 | Q1 | - | - | [+] | 5 |
|------------|--|----|----|---|---|-----|---|

**Professional Focus in Quality Assurance (B2 : 30Cr)**

*Notice : Some courses listed below may be given in English.*

Coordinator : Philippe HUBERT

|            |   |    |    |     |    |   |   |
|------------|---|----|----|-----|----|---|---|
| QUAL0431-1 | <i>Internal and external audits - Ahmed IGOUT</i>   | B2 | Q1 | 10  | 20 | - | 3 |
| QUAL0432-1 | <i>Quality Assurance for IT systems - Marc DENHAM</i>   | B2 | Q1 | 5   | -  | - | 1 |
| QUAL0433-1 | <i>Organisation and quality assurance in a trial laboratory - Philippe HUBERT, Joëlle WIDART</i>  | B2 | Q1 | 5   | 10 | - | 3 |
| QUAL0434-1 | <i>Validation of quantitative analysis methods - Philippe HUBERT, Roland MARINI DJANG'EING'A</i>  | B2 | Q1 | 10  | 10 | - | 2 |
| QUAL0435-1 | <i>Microbiological quality assurance of the environment - Pierrette MELIN</i>   | B2 | Q1 | 10  | 15 | - | 3 |
| QUAL0436-1 | <i>Quality assurance linked to foodstuffs - partim I : aspects chimiques - MarieLouise SCIPPO - partim II : aspects biologiques - Georges DAUBE</i> | B2 | Q1 | 7,5 | -  | - | 2 |
| ESHY0057-1 | <i>General Safety Organization - Christine GRIGNET, Anne GROGNA</i>   | B2 | Q1 | 14  | -  | - | 2 |
| QUAL0437-2 | <i>Statistical data analysis using informatic tools - Nadia DARDENNE, AnneFrançoise DONNEAU</i>   | B2 | Q1 | 15  | 20 | - | 2 |
| GEST0188-1 | <i>Determination and Recognition of Quality and Conformity - JeanMichel COMPÈRE, Pierre DEWALLEF</i>  | B2 | Q1 | 30  | -  | - | 3 |
| QUAL0430-1 | <i>Quality assurance systems in clinical biology - Etienne CAVALIER</i>   | B2 | Q1 | 10  | -  | - | 2 |
| QUAL0438-1 | <i>Good Manufacturing Pratices (GMP) (english language) - Lucas FOTSING, Philippe HUBERT</i>  | B2 | Q1 | 10  | 10 | - | 2 |
| QUAL0439-1 | <i>Chemical quality assurance of the environment - Gauthier EPPE</i>  | B2 | Q1 | 15  | 15 | - | 3 |
| GEST2002-1 | <i>Integrated approach to assessing the quality of care - Marie ERPICUM, JeanBernard GILLET, Pierre GILLET, Olivier THONON</i>                      | B2 | Q1 | 4   | 16 | - | 2 |

**Additional ECTS Master in biomedicine (120 ECTS)**

**Compulsory courses (B0 : 60Cr)**

|            |   |    |    |    |    |     |   |
|------------|---|----|----|----|----|-----|---|
| IMMU0522-1 | <i>Immunopathology - Michel MOUTSCHEN - [7h SI]</i>   | B0 | Q1 | 10 | -  | [+] | 2 |
| PHAC0130-7 | <i>General pharmacology - Vincent SEUTIN - [7h SI]</i>  | B0 | Q1 | 20 | -  | [+] | 3 |
| IMMU0320-2 | <i>General immunology - Catherine SADZOT</i>  | B0 | Q1 | 15 | -  | -   | 2 |
| LANG0074-1 | <i>Advanced English for biomedical sciences (english language) - Julien DUBOIS, Christine FILOT</i> | B0 | Q1 | 30 | -  | -   | 3 |
| TOXI0004-1 | <i>Principles of toxicology - Corinne CHARLIER</i>  | B0 | Q1 | 20 | -  | -   | 2 |
| NEUR0430-1 | <i>Principles of neurobiology - Pierre LEPRINCE</i>   | B0 | Q1 | 20 | -  | -   | 3 |
| BIOC0006-1 | <i>Principles of normal and pathological cellular regulation - Agnès NOËL</i>                       | B0 | Q1 | 20 | -  | -   | 2 |
| GENE0420-2 | <i>Medical genetics - Vincent BOURS</i>   | B0 | Q2 | 15 | -  | -   | 2 |
| BIOC0322-2 | <i>Proteins biochemistry - Sabine WISLET</i>  | B0 | Q2 | 20 | -  | -   | 4 |
| HISL0220-3 | <i>Human histology - Chantal HUMBLET</i>  | B0 | Q2 | 20 | 10 | -   | 4 |

# Study programmes 2016-2017

## Faculty of Medicine

### Master in biomedicine (120 ECTS)

|            |   |    |    |    |    |     |          |
|------------|---|----|----|----|----|-----|----------|
| ANAP0230-5 | <i>General pathological anatomy</i> - Philippe DELVENNE - [7h SI]   | B0 | Q2 | 20 | 10 | [+] | <b>4</b> |
| BIOL0028-1 | <i>Molecular biology</i> - Agnès NOËL   | B0 | Q2 | 55 | 40 | -   | <b>9</b> |
| MICR0330-4 | <i>Medical microbiology</i> - MariePierre HAYETTE - [7h SI]   | B0 | Q2 | 25 | 10 | [+] | <b>3</b> |
| CHIM0217-3 | <i>Principles of clinical chemistry</i> - Etienne CAVALIER  | B0 | Q2 | 20 | -  | -   | <b>2</b> |
| LANG0129-1 | <i>Application of scientific English I</i> - Christine FILOT, Agnès NOËL, Vincent SEUTIN  | B0 | Q2 | 5  | 25 | -   | <b>3</b> |
| BIOC3002-1 | <i>Normal and pathologic human biochemistry and physiology (cardiovascular system - respiratory system - nervous system)</i> - Didier CATALDO, Gaëtan GARRAUX, Philippe KOLH, Gilles VANDEWALLE - [2h Pr.]  | B0 | Q2 | 40 | -  | [+] | <b>6</b> |
| BIOC3001-1 | <i>Normal and pathologic human Biochemistry and Physiology (digestive system - urinary system - endocrine system and metabolism)</i> - Didier CATALDO, Philippe KOLH  | B0 | Q2 | 40 | -  | -   | <b>6</b> |
| BIOC3002-2 | <i>Normal and pathologic human biochemistry and physiology (cardiovascular system - respiratory system - nervous system) (partim systèmes cardiovasculaire ; système respiratoire)</i> - Didier CATALDO, Gaëtan GARRAUX, Philippe KOLH, Gilles VANDEWALLE | B0 | Q2 | 20 | -  | -   | <b>4</b> |
| BIOC3002-3 | <i>Normal and pathologic human biochemistry and physiology (cardiovascular system - respiratory system - nervous system) (partim système nerveux)</i> - Didier CATALDO, Gaëtan GARRAUX, Philippe KOLH, Gilles VANDEWALLE                                  | B0 | Q2 | 20 | -  | -   | <b>3</b> |
| BIOC3001-2 | <i>Normal and pathologic human Biochemistry and Physiology (digestive system - urinary system - endocrine system and metabolism), digestive system - N...</i>   | B0 | Q2 | 15 | -  | -   | <b>2</b> |
| BIOC3001-3 | <i>Normal and pathologic human Biochemistry and Physiology (digestive system - urinary system - endocrine system and metabolism), urinary system - N...</i>   | B0 | Q2 | 10 | -  | -   | <b>2</b> |
| BIOC3001-4 | <i>Normal and pathologic human Biochemistry and Physiology (digestive system - urinary system - endocrine system and metabolism), endocrine system and metabolism - N...</i>  | B0 | Q2 | 15 | -  | -   | <b>2</b> |