

## First Year

### Compulsory courses

#### Fundamental Sciences : Physics Module

PHYS0511-2 *Physical and mathematical bases for the sciences of motricity* - Laurent DREESEN - 50 15 [+] 10  
[15h QA Sess., 20h REM]

#### Fundamental Sciences : Chemistry Module

CHIM0310-4 *chemistry preparing to biomedical and pharmaceutical sciences* - Christine JÉRÔME - 60 20 [+] 11  
[15h QA Sess., 20h REM]

#### Module Basic Sciences - Biology

BIOL0519-2 *Biomedical module: General biology preparing to biomedical and pharmaceutical sciences, including notions in general embryology and general genetics and Introduction to Human Anatomy* 12  
- *Introduction à l'anatomie humaine* - Pierre BONNET 20 10 -  
- *Biologie générale préparatoire aux sciences biomédicales et pharmaceutiques, y compris les éléments d'embryologie générale et la génétique générale* - 65 - [+]  
Didier CATALDO - [15h QA Sess.]

#### Module Sport and Society

SANT0610-1 *Sport and society* - Marc CLOES 15 - - 2  
SANT0611-1 *Promotion of health through physical training* - Christiane GOSSET 15 - - 2  
STAT0110-1 *Biostatistics I* - Adelin ALBERT - Suppl : Paul GÉRARD 15 10 - 2  
URGC0110-2 *First Aid* - Gary HARTSTEIN - [4h QA Sess.] 4 7 [+] 2  
LANG0905-2 *English* - Pascale DRIANNE, Christine FILOT, ISLV - 24 - 3

#### Specific Module Motricity Sciences - Theory 1 and 2

EDPH0613-1 *Basic motor abilities and sport skills - Theory* - Marc CLOES 30 - - 4

#### Specific Module: Motivity Sciences - Practical Work 1 and 2

EDPH0614-1 *Basic motor and sport skills-Praticum 1 and 2* - Marc CLOES - 270 - 12

## Second Year

First semester

### Compulsory courses

#### Module General Biomedics

IMMU0520-1 *General immunology* - Marie-Paule DEFRESNE 10 - - 2  
MICR0120-1 *General Microbiology* - Pierrette MELIN 10 - - 2  
BIOC0520-3 *General biochemistry* - Bernard ROGISTER 25 5 - 4  
PHYL0520-3 *General physiology* - Bernard ROGISTER 25 5 - 4  
HISL0520-4 *General histology* - Marie-Paule DEFRESNE 15 5 - 2

#### Module Health and Society

PSYC0520-1 *Introduction to psychology* - Hedwige DEHON 15 - - 2

#### Module Learning

APPR0120-4 *Learning techniques (Partim II)* - Françoise PASLEAU 15 20 - 2

#### Specific Module Motivity Sciences - Theory 3

EDPH0651-2 *Biomechanics* - Marguerite FOIDART#DESSALLE, Didier MAQUET 15 10 - 2  
EDPH0620-2 *Specific motor and sport skills (Partim I)* - Marc CLOES 15 - - 2  
EDPH0622-3 *Sport performance determinants* - Boris JIDOVITSEFF 20 - - 3

Second semester

### Compulsory courses

**Module: The Normal Human Body**

|            |   |    |    |   |          |
|------------|---|----|----|---|----------|
| HNOR0620-3 | <i>Multidisciplinary approach to l'homme normal applied to l'éducation physics (Partim I)</i> |    |    |   | <b>7</b> |
|            | - <i>Partim I : Biochimie humaine</i> - Bernard ROGISTER                                      | 15 | 15 | - |          |
|            | - <i>Partim II : Physiologie humaine</i> - Thierry BURY                                       | 10 | 10 | - |          |
|            | - <i>Partim III : Histologie humaine</i> - Marie-Paule DEFRESNE                               | 10 | 5  | - |          |

**Module Locomotive Apparatus - Partim 1**

|            |  |    |    |   |          |
|------------|--|----|----|---|----------|
| LOCO0620-3 | <i>Multidisciplinary approach to the musculoskeletal system applied to physical education (partim I)</i> |    |    |   | <b>4</b> |
|            | - <i>Partim I : Anatomie</i> - Philippe GILLET   | 20 | 10 | - |          |
|            | - <i>Partim II : Biomécanique</i> - Marguerite FOIDART#DESSALLE, Didier MAQUET                           | 15 | 15 | - |          |

**Module Locomotive Apparatus - Part 2**

|            |   |    |    |   |          |
|------------|---|----|----|---|----------|
| LOCO0621-3 | <i>Multidisciplinary approach to the musculoskeletal system applied to physical education (Partim II)</i> |    |    |   | <b>7</b> |
|            | - <i>Partim I : Histologie</i> - Marie-Paule DEFRESNE   | 5  | 10 | - |          |
|            | - <i>Partim II : Biochimie</i> - Bernard ROGISTER   | 5  | -  | - |          |
|            | - <i>Partim III : Physiologie</i> - Thierry BURY  | 2  | -  | - |          |
|            | - <i>Partim IV : Pathologie générale</i> - Yves HENROTIEN   | 8  | -  | - |          |
|            | - <i>Partim V : Pathologie spéciale</i> - Marguerite FOIDART#DESSALLE                                     | 2  | -  | - |          |
|            | - <i>Partim VI : Traumatologie</i> - Jean-Michel CRIELAARD  | 15 | -  | - |          |
|            | - <i>Partim VII : Kinésithérapie</i> - Jean-Louis CROISIER  | 5  | -  | - |          |
|            | - <i>Partim VIII : Contre-indications</i> - Jean-Michel CRIELAARD   | 3  | -  | - |          |

**Module Respiratory**

|            |   |    |   |   |          |
|------------|---|----|---|---|----------|
| RESP0620-3 | <i>Multidisciplinary approach to l'appareil respiratoire applied to l'éducation physics</i> |    |   |   | <b>3</b> |
|            | - <i>Partim I : Anatomie</i> - Philippe GILLET  | 2  | - | - |          |
|            | - <i>Partim II : Physiologie</i> - Thierry BURY   | 10 | 7 | - |          |
|            | - <i>Partim III : Histologie</i> - Marie-Paule DEFRESNE                                     | 4  | 3 | - |          |
|            | - <i>Partim IV : Contre-indications</i> - Thierry BURY                                      | 4  | - | - |          |

**Specific Module Motivity Sciences - Theory 4**

|            |   |    |   |   |          |
|------------|---|----|---|---|----------|
| EDPH0621-2 | <i>Specific motor and sport skills (Partim II)</i> - Marc CLOES | 15 | - | - | <b>2</b> |
|------------|---|----|---|---|----------|

First and Second semester

**Compulsory courses**

**Specific Module: Motivity Sciences - Practical Work 3 and 4**

|            |  |   |     |   |           |
|------------|--|---|-----|---|-----------|
| EDPH0691-1 | <i>Specific unit of sport sciences - Practical parts 3 and 4</i>           |   |     |   | <b>12</b> |
|            | - <i>Partim I : Specific motor and sport skills</i> - Marc CLOES           | - | 210 | - |           |
|            | - <i>Partim II : Determinants of sport performance</i> - Boris JIDOVITSEFF | - | 60  | - |           |

**Third Year**

First semester

**Compulsory courses**

**Module: The Normal Human Body**

|            |  |    |    |   |          |
|------------|--|----|----|---|----------|
| HNOR0630-3 | <i>Multidisciplinary approach of a normal human being applied to physical education (Part II)</i>              |    |    |   | <b>5</b> |
|            | - <i>Part I : Physiology</i> - Thierry BURY  | 10 | 3  | - |          |
|            | - <i>Part II : Contra-indications</i> - Jean-Michel FOIDART, Philippe LEFÈBVRE, Jean-Marie RAKIC, André SCHEEN | 5  | 2  | - |          |
|            | - <i>Part III : Biometrics</i> - Thierry BURY  | 20 | 10 | - |          |

**Module Neuro-locomotive**

|            |   |    |   |   |          |
|------------|---|----|---|---|----------|
| LOCO0630-3 | <i>Multidisciplinary approach of the neuro-locomotor apparatus applied to physical education (Partim III)</i> |    |   |   | <b>6</b> |
|            | - <i>Partim I : Neuroanatomie</i> - Jean SCHOENEN   | 14 | 3 | - |          |
|            | - <i>Partim II : Histologie</i> - Marie-Paule DEFRESNE  | -  | 3 | - |          |
|            | - <i>Partim III : Biochimie</i> - Bernard ROGISTER  | 2  | - | - |          |
|            | - <i>Partim IV : Pathologie générale</i> - Yves HENROTIEN   | 2  | 4 | - |          |
|            | - <i>Partim V : Pathologie spéciale</i> - Marguerite FOIDART#DESSALLE   | 5  | - | - |          |
|            | - <i>Partim VI : Traumatologie</i> - Jean-Michel CRIELAARD  | 10 | - | - |          |
|            | - <i>Partim VII : Contre-indications</i> - Jean-Michel CRIELAARD  | 2  | - | - |          |
|            | - <i>Partim VIII : Bases de la rééducation</i> - Jean-Louis CROISIER  | 5  | - | - |          |

**Cardio-vascular module**

|            |  |     |   |   |          |
|------------|--|-----|---|---|----------|
| CAVS0630-3 | <i>Multidisciplinary approach to the cardiovascular system applied to physical education</i> |     |   |   | <b>3</b> |
|            | - <i>Partim I : Anatomie</i> - Philippe GILLET   | 1,5 | - | - |          |
|            | - <i>Partim II : Neuroanatomie</i> - Jean SCHOENEN   | 3   | - | - |          |
|            | - <i>Partim III : Histologie</i> - Marie-Paule DEFRESNE                                      | 3   | 2 | - |          |
|            | - <i>Partim IV : Physiologie</i> - Thierry BURY  | 7,5 | 3 | - |          |
|            | - <i>Partim V : Pathologie spéciale</i> - Luc PIERARD  | 8   | - | - |          |
|            | - <i>Partim VI : Contre-indications</i> - Luc PIERARD  | 2   | - | - |          |

**Specific Module Motivity Sciences - Theory 5**

|            |   |    |   |     |          |
|------------|---|----|---|-----|----------|
| EDPH0652-1 | <i>Research methods in Sport sciences</i> - Marc CLOES - [15h Ex.]                                  | 15 | - | [+] | <b>3</b> |
| EDPH0632-5 | <i>Bases of the sporting training</i> - Boris JIDOVTSSEFF   | 20 | - | -   | <b>4</b> |
| EDPH0634-1 | <i>Organization and management of leisure physical and sport activities (Partim I)</i> - Marc CLOES | 15 | - | -   | <b>2</b> |

**Module Health and Society**

|            |   |    |   |   |          |
|------------|---|----|---|---|----------|
| SANT0530-1 | <i>Module on health and society</i>   |    |   |   | <b>2</b> |
|            | - <i>Premiers soins et secours d'urgence</i> - Vincenzo D'ORIO                        | 10 | - | - |          |
|            | - <i>Réglementation et législation belge en matière d'urgence</i> - Alexandre GHUYSEN | 5  | - | - |          |

Second semester

**Compulsory courses**

**Module: The Normal Human Body**

|            |   |    |   |   |          |
|------------|---|----|---|---|----------|
| BIOC0531-1 | <i>Human biochemistry applied to the sciences of motricity</i> - Bernard ROGISTER | 15 | - | - | <b>2</b> |
|------------|---|----|---|---|----------|

**Module Psychomotivity**

|            |   |    |    |   |          |
|------------|---|----|----|---|----------|
| LOCO0631-3 | <i>Epistemology and psychomotility and body education didactics</i> |    |    |   | <b>8</b> |
|            | - <i>Part I : Physiology</i> - Thierry BURY                         | 5  | -  | - |          |
|            | - <i>Part II : Training</i> - Jean-Michel CRIELAARD                 | 5  | -  | - |          |
|            | - <i>Part III : Traumatology</i> - Jean-Michel CRIELAARD            | 5  | -  | - |          |
|            | - <i>Part IV : Psychomotility 1</i> - Boris JIDOVTSSEFF             | 15 | 30 | - |          |
|            | - <i>Part V : Psychomotility 2</i> - Marc CLOES                     | 15 | 30 | - |          |

**Module Rachis and Sport**

|            |  |     |   |   |          |
|------------|--|-----|---|---|----------|
| RACH0630-2 | <i>Multidisciplinary approach to the vertebral column and sports</i> |     |   |   | <b>3</b> |
|            | - <i>Partim I : Anatomie</i> - Philippe GILLET                       | 4,5 | - | - |          |
|            | - <i>Partim II : Biomécanique</i> - Marguerite FOIDART#DESSALLE      | 1,5 | - | - |          |
|            | - <i>Partim III : Maintien et évaluation</i> - Marc VANDERTHOMMEN    | 5   | 5 | - |          |
|            | - <i>Partim IV : Traumatologie</i> - Jean-Michel CRIELAARD           | 4   | - | - |          |

**Specific Module Motivity Sciences - Theory 6**

|            |   |    |   |   |          |
|------------|---|----|---|---|----------|
| EDPH0635-2 | <i>Acquisition and development of basic motor abilities and sport skills</i> - Marc CLOES | 15 | - | - | <b>2</b> |
| EDPH0637-1 | <i>Psychology of sport practice</i> - N... - Suppl : Hedwige DEHON, Tiber MANFREDINI      | 15 | - | - | <b>2</b> |

First and Second semester

**Compulsory courses**

**Specific Module Motivity Sciences - Practice 5 and 6**

|            |   |   |     |   |           |
|------------|---|---|-----|---|-----------|
| EDPH0692-1 | <i>Specific unit of Sport Sciences - Practical parts 5 and 6</i>                            |   |     |   | <b>12</b> |
|            | - <i>Acquisition and development of basic motor abilities and sport skills</i> - Marc CLOES | - | 210 | - |           |
|            | - <i>Basic coaching</i> - Boris JIDOVTSSEFF   | - | 60  | - |           |

**Application Training**

|            |  |   |   |     |          |
|------------|--|---|---|-----|----------|
| EDPH0638-1 | <i>Field applications of the intervention in physical and sport activities (Partim I)</i> - Marc CLOES - [100h Internship] | - | - | [+] | <b>6</b> |
|------------|--|---|---|-----|----------|