

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* - Loïc QUINTON - 60 20 [+] 11
[15h QA Sess., 20h REM]

Module Basic Sciences - Biology

BIOL0519-1 *General biology, preparatory to sciences of motricity, including introduction to molecular biology and human anatomy, general embryology and general genetics* 12
- *General biology preparing to sciences of motricity, including introduction to molecular biology, general embryology and general genetics* - Didier CATALDO - [15h QA Sess.] 65 - [+] 2
- *Introduction to human anatomy* - Pierre BONNET 20 10 -

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 I (english language)* - Pascale DRIANNE, Christine FILOT, ISLV - 24 - 3

Specific Module Motricity Sciences - Theory 1 and 2

EDPH0613-1 *Basic motor abilities and sport skills - Theory 1 and 2* - Marc CLOES 30 - - 4

Speciofic 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 REGISTER 25 5 - 4
PHYL0520-3 *General physiology* - Bernard REGISTER 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 (Part 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 (Part I)* - Marc CLOES 15 - - 2
EDPH0622-3 *Sport performance determinants* - Boris JIDOVTSSEFF 20 - - 3

Second semester

Compulsory courses

Module: The Normal Human Body

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|------------|--|----|----|---|----------|
| HNOR0620-3 | <i>Multidisciplinary approach of a normal human being applied to physical education (Part I)</i> | | | | 7 |
| | - Part I : Human biochemistry - Bernard REGISTER | 15 | 15 | - | |
| | - Part II : Human physiology - Thierry BURY | 10 | 10 | - | |
| | - Part III : Human histology - Marie-Paule DEFRESNE | 10 | 5 | - | |

Module Locomotive Apparatus - Partim 1

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

Module Locomotive Apparatus - Part 2

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|------------|---|----|----|---|----------|
| LOCO0621-3 | <i>Multidisciplinary approach to the musculoskeletal system applied to physical education (Part II)</i> | | | | 7 |
| | - Part I : Histology - Marie-Paule DEFRESNE | 5 | 10 | - | |
| | - Part 2 : Biochemistry - Bernard REGISTER | 5 | - | - | |
| | - Part 3 : Physiology - Thierry BURY | 2 | - | - | |
| | - Part IV : General pathology - Yves HENROTIN | 8 | - | - | |
| | - Part V : Special pathology - Marguerite FOIDART#DESSALLE | 2 | - | - | |
| | - Part VI : Traumatology - Jean-Michel CRIELAARD | 15 | - | - | |
| | - Part VII : Physiotherapy - Jean-Louis CROISIER | 5 | - | - | |
| | - Part VIII : Contra-indications - Jean-Michel CRIELAARD | 3 | - | - | |

Module Respiratory

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|------------|---|----|---|---|----------|
| RESP0620-3 | <i>Multidisciplinary approach to the respiratory system applied to physical education</i> | | | | 3 |
| | - Part I : Anatomy - Marc RADERMECKER | 2 | - | - | |
| | - Part II : Physiology - Thierry BURY | 10 | 7 | - | |
| | - Part III : Histology - Marie-Paule DEFRESNE | 4 | 3 | - | |
| | - Part IV : Contra-indications - Thierry BURY | 4 | - | - | |

Specific Module Motivity Sciences - Theory 4

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|------------|---|----|---|---|----------|
| EDPH0621-2 | <i>Specific motor and sport skills (Part II)</i> - Marc CLOES | 15 | - | - | 2 |
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First and Second semester

Compulsory courses

Specific Module: Motivity Sciences - Practical Work 3 and 4

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

Third Year

First semester

Compulsory courses

Module: The Normal Human Body

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

Module Neuro-locomotive

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|------------|---|----|---|---|----------|
| LOCO0630-3 | <i>Multidisciplinary approach of the neuro-locomotor apparatus applied to physical education (Part III)</i> | | | | 6 |
| | - Part I : Neuroanatomy - Jean SCHOENEN | 14 | 3 | - | |
| | - Part II : Histology - Marie-Paule DEFRESNE | - | 3 | - | |
| | - Part III : Biochemistry - Bernard REGISTER | 2 | - | - | |
| | - Part IV : General pathology - Yves HENROTIN | 2 | 4 | - | |
| | - Part V : Special pathology - Marguerite FOIDART#DESSALLE | 5 | - | - | |
| | - Part VI : Traumatology - Jean-Michel CRIELAARD | 10 | - | - | |
| | - Part VII : Contra-indications - Jean-Michel CRIELAARD | 2 | - | - | |
| | - Part VIII : Basis of rehabilitation - Jean-Louis CROISIER | 5 | - | - | |

Cardio-vascular module

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|------------|--|-----|---|---|----------|
| CAVS0630-3 | <i>Multidisciplinary approach to the cardiovascular system applied to physical education</i> | | | | 3 |
| | - Part I : Anatomy - Marc RADERMECKER | 1,5 | - | - | |
| | - Part II : Neuroanatomy - Jean SCHOENEN | 3 | - | - | |
| | - Part III : Histology - Marie-Paule DEFRESNE | 3 | 2 | - | |
| | - Part IV : Physiology - Thierry BURY | 7,5 | 3 | - | |
| | - Part V : Special pathology - Luc PIERARD | 8 | - | - | |
| | - Part VI : Contra-indications - Luc PIERARD | 2 | - | - | |

Specific Module Motivity Sciences - Theory 5

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

Module Health and Society

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

Second semester

Compulsory courses

Module: The Normal Human Body

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

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

Module Rachis and Sport

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|------------|--|-----|---|---|----------|
| RACH0630-2 | <i>Multidisciplinary approach to the vertebral column and sports</i> | | | | 3 |
| | - Part I : Anatomy - Philippe GILLET | 4,5 | - | - | |
| | - Part II : Biomechanics - Marguerite FOIDART#DESSALLE | 1,5 | - | - | |
| | - Part III : Maintenance and evaluation - Marc VANDERTHOMMEN | 5 | 5 | - | |
| | - Part IV : Traumatology - Jean-Michel CRIELAARD | 4 | - | - | |

Specific Module Motivity Sciences - Theory 6

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

First and Second semester

Compulsory courses

Specific Module Motivity Sciences - Practice 5 and 6

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

Application Training

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