

## Block view of the study programme

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### Bloc 1 du programme de l'année

#### Compulsory courses

##### Module Physiology and Biochemistry of Physical Effort

PHYL1001-1	<i>Module physiology and biochemistry of physical effort - Part I: Physiology of physical effort - Thierry BURY</i>	Q1	20	15	-	4
PHYL1006-1	<i>Module physiology and biochemistry of physical effort - Part II: Special biochemistry of physical effort - Bernard ROGISTER</i>	Q2	20	-	-	4

##### Research Preparation Module

EDPH0654-1	<i>Preparatory seminars for research in sciences of motor operations - Partim I : Présentation des thématiques de recherche - COLLÉGIALITÉ - [15h SEM]</i>	Q1	-	-	[+]	2
	<i>- Partim II : Evidence Based Practice - Olivier BRUYÈRE - [6h SEM]</i>		-	-	[+]	
	<i>- Partim III : Techniques documentaires dans les activités physiques et rééducatives - Françoise PASLEAU - [5h AUTR]</i>		-	-	[+]	
	<i>- Partim IV : Utilisation d'un logiciel statistique - AnneFrançoise DONNEAU - [4h SEM]</i>		-	-	[+]	

##### Specific module Motors Skills - Practice

EDPH0705-1	<i>Physical education and sports practice 4 - Marc CLOES</i>	TA	-	210	-	12
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##### Specific module Motors Skills - Theory 1

PEDA0641-6	<i>Pedagogy of physical and leisure sports activities - Marc CLOES - [10h Ex.]</i>	Q1	15	-	[+]	3
EDPH0631-2	<i>Introduction to an analysis of intervention in physical and sports activities - Marc CLOES - [15h Ex.]</i>	Q1	15	-	[+]	3
KINE0640-1	<i>Rehabilitative Physical Activities - Didier MAQUET</i>	Q1	15	10	-	3
EDPH0650-3	<i>Organization and management of leisure physical and sport activities (Part II)</i>	TA				6
	<i>- Partim I - Séminaires - Marc CLOES - [15h Ex.]</i>		15	-	[+]	
	<i>- Partim II - Projet - Marc CLOES - [30h AUTR]</i>		-	-	[+]	

##### Specific module Motors Skills - Theory 3

EDPH0660-5	<i>Designing training - Boris JIDOVITSEFF</i>	TA	20	60	-	8
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##### Compulsory courses specific to the study paths

EDPH0670-1	<i>Practical and scientific applications of working in sports and physical activities - COLLÉGIALITÉ - [200h Internship]</i>	Q2	-	-	[+]	15
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### Bloc 2 du programme de l'année

#### Compulsory courses

##### Compulsory courses common to various orientations

EDPH0655-1	<i>Seminars for personal and professional development - Catherine THEUNISSEN - [80h SEM]</i>	TA	-	-	[+]	4
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##### Compulsory courses specific to the study paths

STAT0420-1	<i>Biostatistics 2 - Nadia DARDENNE, AnneFrançoise DONNEAU</i>	Q1	15	15	-	4
MMEM0650-2	<i>Final thesis in sciences of motricity - general approach, including in-depth questions in PSE part II</i>	TA				22
	<i>- Final thesis in sciences of motricity - general approach - COLLÉGIALITÉ</i>		-	-	-	
	<i>- In-depth questions in sciences of motricity (part II) - COLLÉGIALITÉ</i>		-	-	-	

#### Optional courses

Choose one focus from the following :

**Research Focus**

DEON0003-1	<i>Questions of ethics : Animal and human experimentation -</i> Pierre DRION, Nicolas JANIN	Q1	15	-	-	2
EDPH0671-1	<i>Specific research in physical education and sports -</i> COLLÉGIALITÉ - [300h Pers. Res.] <b>Prerequisite :</b> EDPH0654-1 - Séminaires préparatoires à la recherche en sciences de la motricité	TA	-	-	[+]	20
EDPH0672-1	<i>Multidisciplinary research in physical education and sports -</i> COLLÉGIALITÉ - [120h Pers. Res.] <b>Prerequisite :</b> EDPH0654-1 - Séminaires préparatoires à la recherche en sciences de la motricité	TA	-	-	[+]	8

**Professional Focus in Physical Activity, Health and Well Being**

SANT0711-1	<i>Ageing and health of the old person -</i> Sophie ALLEPAERTS, Daniel GILLAIN, Jean PETERMANS	Q1	20	-	-	3
EDPH0682-1	<i>Programming of adapted physical activities (geriatrics, pathologies ...)</i> - Didier MAQUET, Marc VANDERTHOMMEN	Q1	15	15	-	3
EDPH0680-1	<i>Physiological foundations of adapted physical activity (geriatrics, pathologies ...)</i> - Thierry BURY <b>Prerequisite :</b> PHYL1001-1 - Module physiologie et biochimie de l'effort physique - Partim I : Physiologie de l'effort physique	Q2	30	45	-	4
EDPH0696-1	<i>Analysis of working with at-risk populations -</i> Marc CLOES	Q2	15	10	-	2
EDPH0681-1	<i>Operational aspects of adapted physical activity, including palpatory anatomy of the limbs and spine, including the head and neck -</i> Didier MAQUET, Marc VANDERTHOMMEN	Q2	15	15	-	3
EDPH0683-1	<i>Evaluation of adapted muscle function (geriatrics, pathologies...)</i> - JeanLouis CROISIER, Didier MAQUET <b>Prerequisite :</b> PHYL1001-1 - Module physiologie et biochimie de l'effort physique - Partim I : Physiologie de l'effort physique PHYL1006-1 - Module physiologie et biochimie de l'effort physique - Partim II : Biochimie spéciale de l'effort physique	Q2	15	15	-	3
PSYC0530-1	<i>Psychopathology and psychology of handicap -</i> Laurence ROUSSELLE	Q2	15	-	-	2

**Compulsory Training**

MSTG0680-1	<i>Practical interventions in physical activity, health and well-being -</i> Didier MAQUET - [150h Internship]	TA	-	-	[+]	10
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**Professional Focus in Sports Physiotherapy**

*Notice :* The specialized approach in sports physiotherapy of the master's degree in motricity sciences, general orientation can only be selected with the agreement of the jury.

EDPH0695-1	<i>Physiology and dietetics of high-level sport module</i> - Part 1 : <i>Physiology of high-level sport</i> - Thierry BURY - Part 2 : <i>Sports nutrition</i> - Nicolas PAQUOT - [5h SEM]	Q1	30	45	-	4
EDPH0697-1	<i>Designing training in sports physiotherapy - Theory -</i> Boris JIDOVITSEFF	Q1	20	-	-	4
EDPH0664-2	<i>Prevention of lesions and re-athleticisation -</i> JeanLouis CROISIER, Bénédicte FORTHOMME	Q1	20	10	-	3
EDPH0681-1	<i>Operational aspects of adapted physical activity, including palpatory anatomy of the limbs and spine, including the head and neck -</i> Didier MAQUET, Marc VANDERTHOMMEN	Q2	15	15	-	2

EDPH0661-2	<i>Traumatology and sports rehabilitation</i> - JeanMichel CRIELAARD	Q2	20	10	-	<b>3</b>
EDPH0690-1	<i>Sport physiotherapy</i> - JeanLouis CROISIER, Bénédicte FORTHOMME	Q2	60	30	-	<b>6</b>
EDPH0665-1	<i>Evaluation of muscle function in top-level athletes</i> - JeanLouis CROISIER, Boris JIDOVTSSEFF	Q2	15	10	-	<b>2</b>

**Compulsory Training**

MSTG0690-1	<i>Placement in Sport Physiotherapy</i> - JeanLouis CROISIER, Bénédicte FORTHOMME, Didier MAQUET - [150h Internship]	TA	-	-	[+]	<b>6</b>
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**Bloc d'aménagement du programme de l'année**

**Additional ECTS Master in motor skills : physical education (120 ECTS)**

**Compulsory courses**

**Fundamental Sciences : Chemistry Module**

CHIM1310-2	<i>Chemistry preparing to motricity sciences</i> - Loïc QUINTON - [30h Mon. WS]	-	-	-	[+]	<b>1</b>
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**Fundamental Sciences : Physics Module**

PHYS0511-3	<i>Physical and mathematical bases for the sciences of motricity</i> - Laurent DREESEN - [30h Mon. WS]	-	-	-	[+]	<b>1</b>
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**Module: The Normal Human Body**

HNOR0630-4	<i>Multidisciplinary approach to a normal human being applied to physical education (Part II)</i>					<b>3</b>
	- <i>Part I : Physiology</i> - Thierry BURY	10	3	-		
	- <i>Part II : Contra-indications</i> - Philippe LEFÈBVRE, Michelle NISOLLE, JeanMarie RAKIC, André SCHEEN	5	2	-		

**Neurolocomotor Module**

LOCO0630-4	<i>Multi-disciplinary approach of the neuro-locomotor apparatus applied to physical education</i>	Q1				<b>6</b>
	- <i>Part 1 : Neuroanatomy</i> - Gaëtan GARRAUX, Félix SCHOLTES	14	3	-		
	- <i>Part 2 : Histology</i> - Chantal HUMBLET - [2h QA Sess.]	-	-	-	[+]	
	- <i>Part 3 : Biochemistry</i> - Bernard ROGISTER	2	-	-		
	- <i>Part 4 : General pathology</i> - Yves HENROTIN	2	4	-		
	- <i>Part 5 : Special pathology</i> - N...	5	-	-		
	- <i>Part 6 : Traumatology</i> - JeanMichel CRIELAARD	10	-	-		
	- <i>Part 7 : Contra-indications</i> - JeanMichel CRIELAARD	2	-	-		
	- <i>Part 8 : Basis of rehabilitation</i> - JeanLouis CROISIER	5	-	-		

**Cardio-vascular module**

CAVS0630-1	<i>Multidisciplinary approach to the cardiovascular system applied to physical education</i>	Q1				<b>3</b>
	- <i>Part 1: anatomy</i> - Marc RADERMECKER	1,5	-	-		
	- <i>part 2: neuroanatomy</i> - Félix SCHOLTES	3	-	-		
	- <i>Part 3: histology</i> - Chantal HUMBLET - [2h QA Sess.]	3	-	-	[+]	
	- <i>part 4: physiology</i> - Thierry BURY	7,5	3	-		
	- <i>part 5: special pathology</i> - Luc PIERARD	8	-	-		
	- <i>Part 6: Contraindications</i> - Luc PIERARD	2	-	-		
	- <i>Part 7: First Aid and Emergency Relief</i> - Vincenzo D'ORIO	5	-	-		

**Specific module : Motor skills**

EDPH0652-1	<i>Research methods in Sport sciences</i> - Marc CLOES - [15h Ex.]	Q1	15	-	[+]	<b>3</b>
EDPH0634-1	<i>Organization and management of leisure physical and sport activities</i>	Q1	15	-	-	<b>2</b>

(Part I) - Marc CLOES

EDPH0002-1 *Bases of the sporting training - Theory* - Boris JIDOVTSSEFF - [10h APP] Q1 20 - [+] 4

**Module Normal human body applied to physical education**

HNOR0620-4 *Multidisciplinary approach to a normal human being applied to physical education (Part I)* Q2 7

- Part I : *Human biochemistry* - Bernard REGISTER 25 - -  
 - Part II : *Human physiology* - Thierry BURY 20 5 -  
 - Part III : *Introduction to human histology* - Chantal HUMBLET - [4h QA Sess.] 10 - [+]  
 - Part IV : *Contra-indications varia* - JeanMichel CRIELAARD 5 - -  
 - Part V : *Introduction to nutrition* - Nicolas PAQUOT - [5h SEM] 10 - [+]

**Locomotor 2 Module**

LOCO0621-4 *Multidisciplinary approach to the musculoskeletal system applied to physical education (Part II)* Q2 7

- Part I : *Histology* - Chantal HUMBLET - [3h QA Sess.] 4 - [+]  
 - Part 2 : *Biochemistry* - Bernard REGISTER 5 - -  
 - Part 3 : *Physiology* - Thierry BURY 4 - -  
 - Part IV : *General pathology* - Yves HENROTIN 8 - -  
 - Part V : *Special pathology* - N... 2 - -  
 - Part VI : *Traumatology* - JeanMichel CRIELAARD 15 - -  
 - Part VII : *Physiotherapy* - JeanLouis CROISIER 5 - -  
 - Part VIII : *Contra-indications* - JeanMichel CRIELAARD 3 - -

**Module Respiratory**

RESP0620-4 *Multidisciplinary approach to the respiratory system applied to physical education* Q2 3

- Part I : *Anatomy* - Marc RADERMECKER 2 - -  
 - Part II : *Physiology* - Thierry BURY 10 7 -  
 - Part III : *Histology* - Chantal HUMBLET - [4h QA Sess.] 4 - [+]  
 - Part IV : *Contra-indications* - Thierry BURY 4 - -

**Module Psychomotivity**

LOCO0631-6 *Epistemology and psychomotility and body education didactics* 2

- Part I : *Physiology* - Thierry BURY 5 - -  
 - Part II : *Training* - Boris JIDOVTSSEFF 10 - -  
 - Part III : *Traumatology* - JeanMichel CRIELAARD 5 - -

**Module Rachis and Sport**

RACH0630-4 *"Rachis and Sport" Multidisciplinary Approach* Q2 3

- Part 1 : *Anatomy* - Philippe GILLET 4,5 - -  
 - Part 2 : *Biomechanics* - Didier MAQUET 1,5 - -  
 - Part 3 : *Posture and Appreciation* - Marc VANDERTHOMMEN 5 5 -  
 - Part 4 : *Traumatology* - Marco TOMASELLA 3 - -  
 - Part 5 : *Spinal deviations* - Marco TOMASELLA 3 - -

**Specific module Motor Skills - Practice**

EDPH0704-1 *Physical education and sports practice 3* - Marc CLOES TA - 210 - 10

EDPH0003-1 *Basis of sports training - Practice* TA - 50 - 2

**Programme transitoire à destination des étudiants ayant réussi leur master 1 de "Master en sciences de la motricité, orientation générale, à finalité spécialisée en kinésithérapie du sport" en 2014-2015**

**Bloc 1 du programme de l'année**

### Optional courses

#### Focus courses

##### Professional Focus in Sports Physiotherapy

EDPH0695-1	<i>Physiology and dietetics of high-level sport module</i> - Part 1 : <i>Physiology of high-level sport</i> - Thierry BURY - Part 2 : <i>Sports nutrition</i> - Nicolas PAQUOT - [5h SEM]	Q1	30	45	-	[+]	4
EDPH0697-1	<i>Designing training in sports physiotherapy - Theory</i> - Boris JIDOVITSEFF	Q1	20	-	-		4
EDPH0664-2	<i>Prevention of lesions and re-athleticisation</i> - JeanLouis CROISIER, Bénédicte FORTHOMME	Q1	20	10	-		3
EDPH0681-1	<i>Operational aspects of adapted physical activity, including palpatory anatomy of the limbs and spine, including the head and neck</i> - Didier MAQUET, Marc VANDERTHOMMEN	Q2	15	15	-		2
EDPH0661-2	<i>Traumatology and sports rehabilitation</i> - JeanMichel CRIELAARD	Q2	20	10	-		3
EDPH0690-1	<i>Sport physiotherapy</i> - JeanLouis CROISIER, Bénédicte FORTHOMME	Q2	60	30	-		6
EDPH0665-1	<i>Evaluation of muscle function in top-level athletes</i> - JeanLouis CROISIER, Boris JIDOVITSEFF	Q2	15	10	-		2

##### Compulsory Training

MSTG0690-1	<i>Placement in Sport Physiotherapy</i> - JeanLouis CROISIER, Bénédicte FORTHOMME, Didier MAQUET - [150h Internship]	TA	-	-	-	[+]	6
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### Compulsory courses

#### Compulsory courses common to various orientations

EDPH0655-1	<i>Seminars for personal and professional development</i> - Catherine THEUNISSEN - [80h SEM]	TA	-	-	-	[+]	4
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#### Compulsory courses specific to the study paths

STAT0420-1	<i>Biostatistics 2</i> - Nadia DARDENNE, AnneFrançoise DONNEAU	Q1	15	15	-		4
MMEM0650-2	<i>Final thesis in sciences of motricity - general approach, including in-depth questions in PSE part II</i> - <i>Final thesis in sciences of motricity - general approach</i> - COLLÉGIALITÉ - <i>In-depth questions in sciences of motricity (part II)</i> - COLLÉGIALITÉ	TA	-	-	-		22

## Programme transitoire à destination des étudiants ayant réussi leur master 1 de "Master en sciences de la motricité, orientation générale, à finalité spécialisée en activité physique, santé et bien-être" en 2014-2015

### Bloc 1 du programme de l'année

#### Optional courses

Choose one focus from the following :

##### Professional Focus in Physical Activity, Health and Well Being

SANT0711-1	<i>Ageing and health of the old person</i> - Sophie ALLEPAERTS, Daniel GILLAIN, Jean PETERMANS	Q1	20	-	-		3
EDPH0682-1	<i>Programming of adapted physical activities (geriatrics, pathologies ...)</i> - Didier MAQUET, Marc VANDERTHOMMEN	Q1	15	15	-		3
EDPH0680-1	<i>Physiological foundations of adapted physical activity (geriatrics, pathologies ...)</i> - Thierry BURY	Q2	30	45	-		4

EDPH0696-1	<i>Analysis of working with at-risk populations</i> - Marc CLOES	Q2	15	10	-	2
EDPH0681-1	<i>Operational aspects of adapted physical activity, including palpatory anatomy of the limbs and spine, including the head and neck</i> - Didier MAQUET, Marc VANDERTHOMMEN	Q2	15	15	-	3
EDPH0683-1	<i>Evaluation of adapted muscle function (geriatrics, pathologies...)</i> - JeanLouis CROISIER, Didier MAQUET	Q2	15	15	-	3
PSYC0530-1	<i>Psychopathology and psychology of handicap</i> - Laurence ROUSSELLE	Q2	15	-	-	2
<b>Compulsory Training</b>						
MSTG0680-1	<i>Practical interventions in physical activity, health and well-being</i> - Didier MAQUET - [150h Internship]	TA	-	-	[+]	10

### Compulsory courses

#### Compulsory courses common to various orientations

EDPH0655-1	<i>Seminars for personal and professional development</i> - Catherine THEUNISSEN - [80h SEM]	TA	-	-	[+]	4
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#### Compulsory courses specific to the study paths

STAT0420-1	<i>Biostatistics 2</i> - Nadia DARDENNE, AnneFrançoise DONNEAU	Q1	15	15	-	4
MMEM0650-2	<i>Final thesis in sciences of motricity - general approach, including in-depth questions in PSE part II</i> - <i>Final thesis in sciences of motricity - general approach</i> - COLLÉGIALITÉ - <i>In-depth questions in sciences of motricity (part II)</i> - COLLÉGIALITÉ	TA	-	-	-	22

## Programme transitoire à destination des étudiants ayant réussi leur master 1 de "Master en sciences de la motricité, orientation générale, à finalité approfondie" en 2014-2015

### Bloc 1 du programme de l'année

#### Optional courses

##### Focus courses

##### Research Focus

DEON0003-1	<i>Questions of ethics : Animal and human experimentation</i> - Pierre DRION, Nicolas JANIN	Q1	15	-	-	2
EDPH0671-1	<i>Specific research in physical education and sports</i> - COLLÉGIALITÉ - [300h Pers. Res.]	TA	-	-	[+]	20
EDPH0672-1	<i>Multidisciplinary research in physical education and sports</i> - COLLÉGIALITÉ - [120h Pers. Res.]	TA	-	-	[+]	8

#### Compulsory courses

##### Compulsory courses common to various orientations

EDPH0655-1	<i>Seminars for personal and professional development</i> - Catherine THEUNISSEN - [80h SEM]	TA	-	-	[+]	4
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##### Compulsory courses specific to the study paths

STAT0420-1	<i>Biostatistics 2</i> - Nadia DARDENNE, AnneFrançoise DONNEAU	Q1	15	15	-	4
MMEM0650-2	<i>Final thesis in sciences of motricity - general approach, including in-depth questions in PSE part II</i>	TA	-	-	-	22

- *Final thesis in sciences of motricity - general approach* - COLLÉGIALITÉ
- *In-depth questions in sciences of motricity (part II)* - COLLÉGIALITÉ

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