

## Block view of the study programme

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### Block 1

#### Compulsory courses

##### Compulsory courses common to various orientations

PEDA0641-6	<i>Pedagogy of physical and leisure sports activities</i> - Marc CLOES - [10h Ex.]	Q1	15	-	[+]	<b>3</b>
EDPH0631-2	<i>Introduction to an analysis of intervention in physical and sports activities</i> - Marc CLOES - [15h Ex.]	Q1	15	-	[+]	<b>3</b>
EDPH0660-5	<i>Designing training (part I : sport disciplines analysis)</i> - Boris JIDOVITSEFF	Q1	10	30	-	<b>3</b>
KINE0640-1	<i>Rehabilitative Physical Activities</i> - Didier MAQUET	Q1	15	10	-	<b>3</b>
EDPH0654-1	<i>Preparatory seminars for research in sciences of motor operations</i>	Q1				<b>2</b>
	- <i>Presentation of research topics</i> - COLLÉGIALITÉ - [15h SEM]		-	-	[+]	
	- <i>Evidence Based Practice</i> - Olivier BRUYÈRE - [6h SEM]		-	-	[+]	
	- <i>Documentary techniques in physical and rehabilitative activities</i> - Frédéric DE LEMOS ESTEVES - [5h AUTR]		-	-	[+]	
	- <i>Statistical software usage</i> - AnneFrançoise DONNEAU - [4h SEM]		-	-	[+]	
	- <i>Learning techniques</i>		5	-	-	
PHYL1001-1	<i>Physiology of physical effort</i> - Thierry BURY	Q1	20	15	-	<b>4</b>
SANT0006-1	<i>Promotion of health in motor skills</i> - Olivier BRUYÈRE, Fanny BUCKINX, Justine SLOMIAN	Q1	10	5	-	<b>2</b>
PHYL1006-1	<i>Special biochemistry of physical effort</i> - Bernard ROGISTER	Q2	20	-	-	<b>4</b>
EDPH2003-1	<i>Disigning training (part II : planning a training)</i> - Boris JIDOVITSEFF	Q2	10	30	-	<b>4</b>
EDPH0650-3	<i>Organization and management of leisure physical and sport activities (Part II)</i>					<b>6</b>
	- <i>Seminars</i> - Marc CLOES - [15h Ex.]		15	-	[+]	
	- <i>Project</i> - Marc CLOES - [30h AUTR]		-	-	[+]	
EDPH0705-1	<i>Physical education and sports practice IV</i> - Marc CLOES - [20h QA Sess.]	TA	-	210	[+]	<b>11</b>
EDPH0670-1	<i>Practical and scientific applications of working in sports and physical activities</i> - COLLÉGIALITÉ - [200h Internship]	Q2	-	-	[+]	<b>15</b>

##### Compulsory courses specific to the study paths

### Block 2

#### Compulsory courses

##### Compulsory courses common to various orientations

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

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

#### Optional courses

##### Choose one focus from the following :

##### Research Focus

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

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

SANT0711-1	<i>Ageing and health of the old person</i> - Sophie ALLEPAERTS, Jean PETERMANS	Q1	20	-	-	<b>3</b>
EDPH0682-1	<i>Programming of adapted physical activities (geriatrics, pathologies ...)</i> - Didier MAQUET, Marc VANDERTHOMMEN	Q1	15	15	-	<b>3</b>
EDPH0680-1	<i>Physiological foundations of adapted physical activity (geriatrics, pathologies ...)</i> - Thierry BURY	Q2	30	45	-	<b>4</b>
	<b>Prerequisite :</b> PHYL1001-1 - Physiologie de l'effort physique					
EDPH0696-1	<i>Analysis of working with at-risk populations</i> - Marc CLOES	Q2	15	10	-	<b>2</b>
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	-	<b>3</b>
EDPH0683-1	<i>Evaluation of adapted muscle function (geriatrics, pathologies...)</i> - JeanLouis CROISIER, Didier MAQUET	Q2	15	15	-	<b>3</b>
	<b>Prerequisite :</b> PHYL1006-1 - Biochimie spéciale de l'effort physique PHYL1001-1 - Physiologie de l'effort physique					
PSYC0530-1	<i>Psychopathology and psychology of handicap</i> - Annick COMBLAIN	Q2	15	-	-	<b>2</b>

#### Compulsory Training

MSTG0680-1	<i>Practical interventions in physical activity, health and well-being</i> - Didier MAQUET - [150h Internship]	TA	-	-	[+]	<b>10</b>
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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> - <i>Physiology of high-level sport</i> - Thierry BURY - <i>Sports nutrition</i> - Nicolas PAQUOT - [5h SEM]	Q1	30	45	-	<b>4</b>
			15	-	[+]	
EDPH0697-1	<i>Designing training in sports physiotherapy - Theory</i> - Boris JIDOVITSEFF	Q1	20	-	-	<b>4</b>
EDPH0664-2	<i>Prevention of lesions and re-athleticisation</i> - JeanLouis CROISIER, Bénédicte FORTHOMME	Q1	20	10	-	<b>3</b>
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	-	<b>2</b>
EDPH0661-2	<i>Traumatology and sports rehabilitation</i> - JeanFrançois KAUX	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 JIDOVITSEFF	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 sciences : general (120 ECTS)**

**Compulsory courses**

LOCO0630-4	<i>Multi-disciplinary approach of the neuro-locomotor apparatus applied to physical education</i>	Q1				<b>6</b>
	- Neuroanatomy - Gaëtan GARRAUX, Félix SCHOLTES		34	4	-	
	- Histology - Chantal HUMBLET - [2h QA Sess.]		-	-	[+]	
	- Biochemistry - Bernard REGISTER		2	-	-	
	- General pathology - Yves HENROTIN		2	4	-	
	- Special pathology - N...		5	-	-	
	- Traumatology - JeanFrançois KAUX		10	-	-	
	- Contra-indications - JeanFrançois KAUX		2	-	-	
	- Basis of rehabilitation - JeanLouis CROISIER		5	-	-	
CAVS0630-1	<i>Multidisciplinary approach to the cardiovascular system applied to physical education</i>	Q1				<b>3</b>
	- Anatomy - Marc RADERMECKER		1,5	-	-	
	- Neuroanatomy - Félix SCHOLTES		3	-	-	
	- Histology - Chantal HUMBLET - [2h QA Sess.]		3	-	[+]	
	- Physiology - Thierry BURY		7,5	3	-	
	- Special pathology - Luc PIERARD		8	-	-	
	- Contra-indications - Luc PIERARD		2	-	-	
	- First aid and emergency relief - Vincenzo D'ORIO		5	-	-	
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 (Part I)</i> - Marc CLOES	Q1	15	-	-	<b>2</b>
EDPH0002-1	<i>Bases of the sporting training - Theory</i> - Boris JIDOVTSSEFF - [10h APP]	Q1	20	-	[+]	<b>4</b>
PHYS0511-3	<i>Physical and mathematical bases for the sciences of motricity</i> - Laurent DREESEN - [30h Mon. WS]	TA	-	-	[+]	<b>1</b>
HNOR0630-4	<i>Multidisciplinary approach to a normal human being applied to physical education (Part II)</i>	Q1				<b>3</b>
	- Physiology - Thierry BURY		10	3	-	
	- Contra-indications - Philippe LEFÈBVRE, Michelle NISOLLE, Nicolas PAQUOT, JeanMarie RAKIC		5	2	-	
CHIM1310-2	<i>Chemistry preparing to motricity sciences</i> - Loïc QUINTON - [30h Mon. WS]		-	-	[+]	<b>1</b>
HNOR0620-4	<i>Multidisciplinary approach to a normal human being applied to physical education (Part I)</i>	Q2				<b>7</b>
	- Human biochemistry - Bernard REGISTER		25	-	-	
	- Human physiology - Thierry BURY		20	5	-	
	- Introduction to human histology - Chantal HUMBLET - [4h QA Sess.]		10	-	[+]	
	- Contra-indications varia - JeanFrançois KAUX		5	-	-	
	- Introduction to nutrition - Nicolas PAQUOT - [5h SEM]		10	-	[+]	
LOCO0621-4	<i>Multidisciplinary approach to the musculoskeletal system applied to physical education (Part II)</i>					<b>7</b>
	- Histology - Chantal HUMBLET - [3h QA Sess.]		4	-	[+]	
	- Biochemistry - Bernard REGISTER		5	-	-	
	- Physiology - Thierry BURY		4	-	-	
	- General pathology - Yves HENROTIN		8	-	-	
	- Special pathology - N...		2	-	-	
	- Traumatology - JeanFrançois KAUX		15	-	-	
	- Physiotherapy - JeanLouis CROISIER		5	-	-	

	- <i>Contra-indications</i> - JeanFrançois KAUX		3	-	-	
RESP0620-4	<i>Multidisciplinary approach to the respiratory system applied to physical education</i>	Q2				<b>3</b>
	- <i>Anatomy</i> - Marc RADERMECKER		2	-	-	
	- <i>Physiology</i> - Thierry BURY		10	7	-	
	- <i>Histology</i> - Chantal HUMBLET - [4h QA Sess.]		4	-	[+]	
	- <i>Contra-indications</i> - Thierry BURY		4	-	-	
RACH0630-4	<i>"Rachis and sport" Multidisciplinary Approach</i>	Q2				<b>3</b>
	- <i>Anatomy</i> - Philippe GILLET		4,5	-	-	
	- <i>Biomechanics</i> - Didier MAQUET		1,5	-	-	
	- <i>Maintenance and evaluation</i> - Marc VANDERTHOMMEN		5	5	-	
	- <i>Traumatology</i> - Marco TOMASELLA		3	-	-	
	- <i>Spinal deviations</i> - Marco TOMASELLA		3	-	-	
LOCO0631-6	<i>Epistemology and psychomotility and body education didactics</i>					<b>2</b>
	- <i>Physiology</i> - Thierry BURY		5	-	-	
	- <i>Training</i> - Boris JIDOVITSEFF		10	-	-	
	- <i>Traumatology</i> - JeanFrançois KAUX		5	-	-	
EDPH0007-1	<i>Evaluation of the sport performance</i> - Boris JIDOVITSEFF	Q2	10	40	-	<b>3</b>
EDPH0704-1	<i>Physical education and sports practice III</i> - Marc CLOES - [20h AUTR]	TA	-	210	[+]	<b>10</b>
EDPH0003-1	<i>Basis of sports training - Practice</i> - Boris JIDOVITSEFF	TA	-	50	-	<b>2</b>