

**Cycle view of the study programme**

B1 Or Th Pr Au Cr

**Compulsory courses (B1 : 60Cr, B2 : 30Cr)**

**Compulsory courses common to various orientations**

PEDA0641-6	<i>Pedagogy of physical and leisure sports activities</i> - Marc CLOES - [10h Ex.]	B1	Q1	15	-	[+]	3
EDPH0631-2	<i>Introduction to an analysis of intervention in physical and sports activities</i> - Marc CLOES, Alexandre MOUTON, Catherine THEUNISSEN - [15h Ex.]	B1	Q1	15	-	[+]	3
EDPH0660-5	<i>Designing training (part I : sport disciplines analysis)</i> - Boris JIDOVITSEFF	B1	Q1	10	30	-	3
KINE0540-2	<i>Adapted physical and sport activities</i> - <i>Physical and sport activities - Theory</i> - Didier MAQUET, Marc VANDERTHOMMEN - <i>Physical and sport activities - Practice in motor sciences</i> - Didier MAQUET	B1	Q1	15	-	-	3
METO1018-1	<i>Evidence Based Practice - Research and critical analysis of literature</i> - <i>Presentation of the research topics</i> - COLLÉGIALITÉ - [15h SEM] - <i>Evidence Based Practice</i> - Olivier BRUYÈRE - [5h SEM] - <i>Documentary techniques for physical and rehabilitative activities in motor sciences</i> - Nancy DURIEUX - <i>Use of a statistical software</i> - AnneFrançoise DONNEAU - [5h SEM]	B1	Q1	-	-	[+]	2
PHYL0540-1	<i>Physiology of physical effort</i> - Thierry BURY, Stéphanie HODY	B1	Q1	20	5	-	4
SANT3001-1	<i>Promotion of health</i> - Charlotte BEAUDART, Olivier BRUYÈRE, Fanny BUCKINX, Justine SLOMIAN	B1	Q1	10	5	-	2
PHYL1006-1	<i>Special biochemistry of physical effort</i> - Stéphanie HODY, Bernard REGISTER	B1	Q2	20	-	-	4
EDPH2003-1	<i>Disigning training (part II : planning a training)</i> - Boris JIDOVITSEFF	B1	Q2	10	30	-	4
EDPH0650-3	<i>Organization and management of leisure physical and sport activities (Part II)</i> - <i>Seminars</i> - Marc CLOES - [15h Ex.] - <i>Project</i> - Marc CLOES - [30h AUTR]	B1		15	-	[+]	6
EDPH0705-1	<i>Physical education and sports practice IV</i> - Marc CLOES, Alexandre MOUTON, Catherine THEUNISSEN - [20h QA Sess.]	B1	TA	-	210	[+]	11
EDPH0655-1	<i>Seminars for personal and professional development</i> - Catherine THEUNISSEN - [80h SEM]	B2	TA	-	-	[+]	4

**Compulsory courses specific to the study paths**

EDPH0670-1	<i>Practical and scientific applications of working in sports and physical activities</i> - COLLÉGIALITÉ - [200h Internship]	B1	Q2	-	-	[+]	15
STAT0420-1	<i>Biostatistics 2</i> - AnneFrançoise DONNEAU	B2	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	B2	TA	-	-	-	22

**Optional courses (B2 : 30Cr)**

**Choose one focus from the following : (B2 : 30Cr)**

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

DEON0003-1	<i>Questions of ethics : Animal and human experimentation</i> - Jo CAERS, Pierre DRION, Nicolas JANIN	B2	Q1	15	-	-	2
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EDPH0671-1	<i>Specific research in physical education and sports - COLLÉGIALITÉ - [300h Pers. Res.]</i>	B2	TA	-	-	[+]	<b>20</b>
	<b>Prerequisite :</b> METO1018-1 - Evidence Based Practice - Recherche et analyse critique de la littérature						
EDPH0672-1	<i>Multidisciplinary research in physical education and sports - COLLÉGIALITÉ - [120h Pers. Res.]</i>	B2	TA	-	-	[+]	<b>8</b>
	<b>Prerequisite :</b> METO1018-1 - Evidence Based Practice - Recherche et analyse critique de la littérature						

#### Professional Focus in Physical Activity, Health and Well Being (B2 : 30Cr)

EDPH0682-1	<i>Programming of adapted physical activities (geriatrics, pathologies ...) - Didier MAQUET, Marc VANDERTHOMMEN</i>	B2	Q1	15	15	-	<b>3</b>
EDPH0680-1	<i>Physiological foundations of adapted physical activity (geriatrics, pathologies ...) - Thierry BURY</i>	B2	Q2	30	45	-	<b>4</b>
	<b>Prerequisite :</b> PHYL0540-1 - Physiologie de l'effort physique						
EDPH0696-1	<i>Analysis of working with at-risk populations - Marc CLOES</i>	B2	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 - Didier MAQUET, Marc VANDERTHOMMEN</i>	B2	Q2	15	15	-	<b>3</b>
EDPH0683-1	<i>Evaluation of adapted muscle function (geriatrics, pathologies...) - JeanLouis CROISIER, Didier MAQUET</i>	B2	Q2	15	15	-	<b>3</b>
	<b>Prerequisite :</b> PHYL1006-1 - Biochimie spéciale de l'effort physique PHYL0540-1 - Physiologie de l'effort physique						
PSYC0530-1	<i>Introduction to the psychology of disability and atypical development - Annick COMBLAIN</i>	B2	Q2	15	-	-	<b>2</b>
GERI1004-1	<i>Seniors psychology and accompaniment - Stéphane ADAM</i>	B2	Q2	30	-	-	<b>3</b>

#### Compulsory Training

MSTG0680-1	<i>Practical interventions in physical activity, health and well-being - Didier MAQUET - [150h Internship]</i>	B2	TA	-	-	[+]	<b>10</b>
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#### Professional Focus in Sports Physiotherapy (B2 : 30Cr)

*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 - Physiology of high-level sport - Thierry BURY - Sports nutrition - Nicolas PAQUOT - [5h SEM]</i>	B2	Q1	30	45	-	<b>4</b>
				15	-	[+]	
EDPH0697-1	<i>Designing training in sports physiotherapy - Theory - Boris JIDOVITSEFF</i>	B2	Q1	20	-	-	<b>4</b>
EDPH0664-2	<i>Prevention of lesions and re-athleticisation - JeanLouis CROISIER, Bénédicte FORTHOMME</i>	B2	Q1	20	10	-	<b>3</b>
EDPH0681-2	<i>Operational aspects of adapted physical activity, including palpatory anatomy of the limbs and spine, including the head and neck - Didier MAQUET, Marc VANDERTHOMMEN</i>	B2	Q2	15	15	-	<b>2</b>
EDPH0661-2	<i>Traumatology and sports rehabilitation - JeanFrançois KAUX</i>	B2	Q2	20	10	-	<b>3</b>
EDPH0690-1	<i>Sport physiotherapy - JeanLouis CROISIER, Bénédicte FORTHOMME</i>	B2	Q2	60	30	-	<b>6</b>
EDPH0665-1	<i>Evaluation of muscle function in top-level athletes - JeanLouis CROISIER, Boris JIDOVITSEFF</i>	B2	Q2	15	10	-	<b>2</b>

#### Compulsory Training

MSTG0690-1	<i>Placement in Sport Physiotherapy</i> - JeanLouis CROISIER, Bénédicte FORTHOMME, Didier MAQUET - [150h Internship]	B2	TA	-	-	[+]	<b>6</b>
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### Additional ECTS Master in motor sciences : general (120 ECTS)

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

NERF0537-2	<i>Multidisciplinary approach to the nervous system (anatomy - pathology) - Theory</i> - <i>Neuroanatomy introduction</i> - Félix SCHOLTES - <i>Practical neuroanatomy applied to motor sciences</i> - Marc CLOES, Gaëtan GARRAUX, Boris JIDOVTSSEFF, Félix SCHOLTES - <i>Neurophysiology introduction</i> - Gaëtan GARRAUX - <i>Biochemistry</i> - Bernard REGISTER - <i>Histology</i> - Chantal HUMBLET - [2h QA Sess.] - <i>General pathology</i> - Yves HENROTIN - <i>General pathology applied to motor sciences</i> - Yves HENROTIN - <i>Contra-indications</i> - JeanFrançois KAUX - <i>Basis of rehabilitation</i> - JeanLouis CROISIER	B0	Q1					<b>5</b>
				6	-	-		
				-	6	-		
				8	-	-		
				2	-	-		
				-	-	[+]		
				2	-	-		
				-	4	-		
				2	-	-		
				5	-	-		
LOCO0531-7	<i>Multidisciplinary approach to the musculoskeletal system (pathology - physiotherapy) (Part III) - Theory</i> - <i>Traumatology introduction</i> - JeanFrançois KAUX - <i>Traumatology in motor sciences</i> - JeanFrançois KAUX	B0						<b>1</b>
				5	-	-		
				7	-	-		
CAVS0630-1	<i>Multidisciplinary approach to the cardiovascular system</i> - <i>Anatomy</i> - Marc RADERMECKER - <i>Neuroanatomy</i> - Gaëtan GARRAUX, Félix SCHOLTES - <i>Histology</i> - Chantal HUMBLET - [2h QA Sess.] - <i>Physiology</i> - Thierry BURY - <i>Special pathology</i> - Patrizio LANCELOTTI - <i>Contra-indications</i> - Patrizio LANCELOTTI - <i>First aid and emergency relief</i> - Vincenzo D'ORIO	B0						<b>3</b>
				2	-	-		
				4	-	-		
				3	-	[+]		
				8	4	-		
				8	-	-		
				2	-	-		
				5	-	-		
EDPH0652-1	<i>Research methods in Sport sciences</i> - Marc CLOES, Alexandre MOUTON, Catherine THEUNISSEN - [15h Ex.]	B0	Q1	15	-	[+]	<b>3</b>	
EDPH0634-1	<i>Organization and management of leisure physical and sport activities (Part I)</i> - Marc CLOES	B0	Q1	15	-	-	<b>2</b>	
EDPH2004-1	<i>Basis of training and performance</i> - <i>Introduction</i> - Boris JIDOVTSSEFF - <i>Advanced knowledge of Motor sciences</i> - Boris JIDOVTSSEFF - [10h AUTR]	B0	Q1				<b>4</b>	
				10	-	-		
				10	-	[+]		
PHYS0511-3	<i>Physical and mathematical bases for motor sciences</i> - Laurent DREESEN - [30h Mon. WS]	B0	Q1			[+]	<b>1</b>	
CHIM1310-2	<i>Chemistry preparing to motricity sciences</i> - AnneSophie DUWEZ - [30h Mon. WS]	B0	Q1			[+]	<b>1</b>	
STAT1001-1	<i>Biostatistics I</i> - AnneFrançoise DONNEAU - [15h QA Sess.]	B0	Q1	15	-	[+]	<b>3</b>	
HNOR0620-4	<i>Multidisciplinary approach to a normal human being (Part I)</i> - <i>Human biochemistry</i> - Bernard REGISTER - <i>Human physiology</i> - Thierry BURY - <i>Introduction to human histology</i> - Chantal HUMBLET - [4h QA Sess.] - <i>Varia contra-indications</i> - Pierre BLAISE, Philippe LEFÈBVRE, Michelle NISOLLE, Nicolas PAQUOT - <i>Introduction to nutrition</i> - Nicolas PAQUOT	B0					<b>7</b>	
				25	-	-		
				20	5	-		
				10	-	[+]		
				5	-	-		
				10	-	-		
LOCO0525-8	<i>Multidisciplinary approach to the musculoskeletal system (part II) - Theory</i>	B0	Q2				<b>7</b>	

	- <i>Histology</i> - Chantal HUMBLET - [4h QA Sess.]	4	-	[+]	
	- <i>Biochemistry</i> - Bernard REGISTER	5	-	-	
	- <i>Physiology</i> - Thierry BURY	4	-	-	
	- <i>Traumatology</i> - JeanFrançois KAUX	16	-	-	
	- <i>General pathology</i> - Yves HENROTIN	8	-	-	
	- <i>Physiotherapy introduction</i> - JeanLouis CROISIER	5	-	-	
	- <i>Contra-indications</i> - JeanFrançois KAUX	3	-	-	
RESP0520-5	<i>Multidisciplinary approach to the respiratory system - Theory and practice</i>	B0	Q2		<b>3</b>
	- <i>Anatomy</i> - Marc RADERMECKER	2	-	-	
	- <i>Physiology</i> - Thierry BURY	10	4	-	
	- <i>Histology</i> - Chantal HUMBLET - [2h QA Sess.]	4	-	[+]	
	- <i>Contra-indications</i> - Thierry BURY	4	-	-	
RACH0631-3	<i>Multi-disciplinary approach to pathology-physical therapy of the spine - Theory</i>	B0	Q2		<b>3</b>
	- <i>Anatomy</i> - Philippe GILLET	4,5	-	-	
	- <i>Biomechanics</i> - Didier MAQUET	1,5	-	-	
	- <i>Special pathology introduction</i> - Marco TOMASELLA	3	-	-	
	- <i>Maintenance and evaluation</i> - Marc VANDERTHOMMEN	6	-	-	
	- <i>Sport and spine</i> - Marco TOMASELLA	3	-	-	
	- <i>Maintenance and evaluation applied to motor sciences</i> - Christophe DEMOULIN, Marc VANDERTHOMMEN	-	6	-	
LOCO0631-6	<i>Epistemology and psychomotility and body education didactics</i>	B0			<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	B0	Q2	10 40	- <b>3</b>
EDPH0704-1	<i>Physical education and sports practice III</i> - Marc CLOES, Catherine THEUNISSEN - [20h AUTR]	B0	TA	- 210	[+] <b>10</b>
EDPH0003-1	<i>Basis of sports training - Practice</i> - Boris JIDOVITSEFF	B0	TA	- 50	- <b>2</b>