

## 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	-	[+]	3
EDPH0631-2	<i>Introduction to an analysis of intervention in physical and sports activities</i> - Marc CLOES, Alexandre MOUTON, Catherine THEUNISSEN - [15h Ex.]	Q1	15	-	[+]	3
EDPH0660-5	<i>Designing training (part I : sport disciplines analysis)</i> - Boris JIDOVITSEFF	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	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]	Q1	-	-	[+]	2
PHYL0540-1	<i>Physiology of physical effort</i> - Thierry BURY, Stéphanie HODY	Q1	20	5	-	4
SANT3001-1	<i>Promotion of health</i> - Charlotte BEAUDART, Olivier BRUYÈRE, Fanny BUCKINX, Justine SLOMIAN	Q1	10	5	-	2
PHYL1006-1	<i>Special biochemistry of physical effort</i> - Stéphanie HODY, Bernard ROGISTER	Q2	20	-	-	4
EDPH2003-1	<i>Disigning training (part II : planning a training)</i> - Boris JIDOVITSEFF	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]		15	-	[+]	6
EDPH0705-1	<i>Physical education and sports practice IV</i> - Marc CLOES, Alexandre MOUTON, Catherine THEUNISSEN - [20h QA Sess.]	TA	-	210	[+]	11

##### 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]	Q2	-	-	[+]	15
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### 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	-	-	[+]	4
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##### Compulsory courses specific to the study paths

STAT0420-1	<i>Biostatistics 2</i> - 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

#### 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	-	-	2
EDPH0671-1	<i>Specific research in physical education and sports</i> - COLLÉGIALITÉ - [300h Pers. Res.] <b>Prerequisite :</b> METO1018-1 - Evidence Based Practice - Recherche et analyse critique de la littérature	TA	-	-	[+]	20
EDPH0672-1	<i>Multidisciplinary research in physical education and sports</i> - COLLÉGIALITÉ - [120h Pers. Res.] <b>Prerequisite :</b> METO1018-1 - Evidence Based Practice - Recherche et analyse critique de la littérature	TA	-	-	[+]	8

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

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> PHYL0540-1 - 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> PHYL1006-1 - Biochimie spéciale de l'effort physique PHYL0540-1 - Physiologie de l'effort physique	Q2	15	15	-	3
PSYC0530-1	<i>Introduction to the psychology of disability and atypical development</i> - Annick COMBLAIN	Q2	15	-	-	2
GERI1004-1	<i>Seniors psychology and accompaniment</i> - Stéphane ADAM	Q2	30	-	-	3

#### 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> - <i>Physiology of high-level sport</i> - Thierry BURY - <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
EDPH0681-2	<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> - JeanFrançois KAUX	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 *Placement in Sport Physiotherapy* - JeanLouis CROISIER, TA - - [+] **6**  
Bénédicte FORTHOMME, Didier MAQUET - [150h Internship]

**Bloc d'aménagement du programme de l'année**

**Additional ECTS Master in motor sciences : general (120 ECTS)**

**Compulsory courses**

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

	<i>Theory</i>				
	- <i>Histology</i> - Chantal HUMBLET - [4h QA Sess.]	4	-	[+]	
	- <i>Biochemistry</i> - Bernard ROGISTER	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>	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>	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>				<b>2</b>
	- <i>Physiology</i> - Thierry BURY	5	-	-	
	- <i>Training</i> - Boris JIDOVTSSEFF	10	-	-	
	- <i>Traumatology</i> - JeanFrançois KAUX	5	-	-	
EDPH0007-1	<i>Evaluation of the sport performance</i> - Boris JIDOVTSSEFF	Q2	10	40	- <b>3</b>
EDPH0704-1	<i>Physical education and sports practice III</i> - Marc CLOES, Catherine THEUNISSEN - [20h AUTR]	TA	-	210	[+] <b>10</b>
EDPH0003-1	<i>Basis of sports training - Practice</i> - Boris JIDOVTSSEFF	TA	-	50	- <b>2</b>