

**Block view of the study programme**

Or Th Pr Au Cr

**Block 1**

**Compulsory courses**

**Compulsory courses common to various orientations**

EDPH0631-2	<i>Introduction to an analysis of intervention in physical and sports activities</i> - Alexandre MOUTON, Catherine THEUNISSEN - [10h Ex.]	Q1	10	-	[+]	4
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 - [6h SEM] - <i>Documentary techniques for physical and rehabilitative activities in motor sciences</i> - Nancy DURIEUX - <i>Use of a statistical software</i> - AnneFrançoise DONNEAU - [4h SEM]	Q1			[+]	2
					[+]	
			5	-	-	
					[+]	
PHYL0540-1	<i>Physiology of physical effort</i> - Thierry BURY, Stéphanie HODY	Q1	20	15	-	4
COMM0005-1	<i>Communication and education</i> - Jean Luc BELCHE, Christophe DEMOULIN, Bénédicte FORTHOMME, Jennifer FOUCART, Gilles LOMBARD, Alexandre MOUTON, Benoît PÉTRÉ, Irène SALAMUN, Sébastien WOLFS	Q1	15	5	-	2
EDPH0650-3	<i>Organization of leisure physical and sport activities (Part II)</i> - Alexandre MOUTON	Q2	10	-	-	4
PHYL1006-1	<i>Special biochemistry of physical effort</i> - Stéphanie HODY, Bernard ROGISTER	Q2	20	-	-	4
EDPH0656-2	<i>Physical education teaching analysis and action research</i> - Alexandre MOUTON - [30h Pers. Res.]	TA	5	-	[+]	4
EDPH0653-1	<i>Depth issues in physical education and sports, Part I</i> - COLLÉGIALITÉ - [45h Pers. Res.]	Q2	-	-	[+]	2
EDPH0705-1	<i>Physical education and sports practice IV</i> - Boris JIDOVITSEFF, Alexandre MOUTON, Catherine THEUNISSEN - [20h QA Sess.]	TA	-	210	[+]	10
EDPH0646-1	<i>Field applications of the intervention in physical and sport activities (Part II)</i> - Boris JIDOVITSEFF, Didier MAQUET, Alexandre MOUTON, Catherine THEUNISSEN - [50h Internship]	TA	-	-	[+]	3

**Compulsory courses specific to the study paths**

PEDA0641-6	<i>Promotion of physical and leisure sports activities</i> - Alexandre MOUTON - [10h Ex.]	Q1	10	10	[+]	3
EDPH0660-5	<i>Designing training (part I: individual sports)</i> - Boris JIDOVITSEFF	Q1	10	30	-	4
EDPH2003-1	<i>Designing training (part II: team sports and martial arts and combat sports)</i> - Boris JIDOVITSEFF	Q2	10	30	-	4
EDPH0670-1	<i>Practical and scientific applications of working in sports and physical activities</i> - COLLÉGIALITÉ - [75h Internship]	TA	-	-	[+]	10

**Block 2**

**Compulsory courses**

**Compulsory courses common to various orientations**

EDPH0694-1	<i>Multidisciplinary integration activities</i> - François DELVAUX, Christophe DEMOULIN, Stéphanie HODY, Boris JIDOVITSEFF, Alexandre MOUTON, Catherine THEUNISSEN - [15h Pers. Res.]	Q2	-	-	[+]	2
EDPH0655-1	<i>Seminars for personal and professional development</i> - François DELVAUX, Christophe DEMOULIN, Catherine THEUNISSEN - [40h SEM]	TA	-	-	[+]	2

**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>	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, Ezio TIRELLI	Q1	15	-	-	-			<b>2</b>
EDPH0671-1	<i>Specific research in physical education and sports</i> - COLLÉGIALITÉ - [300h Pers. Res.]	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</i> - COLLÉGIALITÉ - [120h Pers. Res.]	TA	-	-	-	[+]			<b>8</b>
	<b>Prerequisite :</b> METO1018-1 - Evidence Based Practice - Recherche et analyse critique de la littérature								

##### 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.

KINE1003-1	<i>Analysis of sport movement and lesional mechanisms, monitoring performance and training</i> - Thierry BURY, Cédric SCHWARTZ	Q1	25	25	-	-			<b>5</b>
KINE1004-1	<i>Functional approach to pain mechanisms adapted to sport physiotherapy</i> - Christophe DEMOULIN	Q1	20	-	-	-			<b>2</b>
KINE1005-1	<i>Biomedical and clinical sciences specific to sport physiotherapy - Semiology and physiopathology</i> - JeanFrançois KAUX, Marco TOMASELLA			20	-	-			<b>4</b>
	- <i>Imaging and complementary examinations</i> - Marco TOMASELLA			12	-	-			
	- <i>Basic pharmacology</i> - Régis RADERMECKER			8	-	-			
KINE1006-1	<i>Preventing injury and Return-to-Play</i> - JeanLouis CROISIER, François DELVAUX, Bénédicte FORTHOMME, JeanFrançois KAUX	Q2	10	-	-	-			<b>1</b>
KINE1007-1	<i>Critical analysis of scientific literature - EBP clinic</i> - Charlotte BEAUDART, Géraldine MARTENS, Aurore THIBAUT	Q2	10	-	-	-			<b>1</b>
KINE1008-1	<i>Medical practice adapted to sport physiotherapy</i> - François DELVAUX	Q2	10	-	-	-			<b>1</b>
COMM0008-1	<i>Introduction to therapeutic communication in sport physiotherapy</i> - Christophe DEMOULIN	Q2	10	10	-	-			<b>2</b>
KINE1009-1	<i>Traumatology, surgery and rehabilitation of athletes</i> - Colin BODET, JeanLouis CROISIER, Julien DELLATTE, François DELVAUX, Bénédicte FORTHOMME, Arnaud JANSSEN, JeanFrançois KAUX	TA	70	30	-	-			<b>10</b>

##### Compulsory Training

MSTG0690-1	<i>Placement in Sport Physiotherapy</i> - JeanLouis CROISIER, François DELVAUX, Bénédicte FORTHOMME, JeanFrançois KAUX, Didier MAQUET - [120h Internship]	TA	-	-	-	[+]			<b>4</b>
------------	---	----	---	---	---	-----	--	--	----------

#### 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>
	- Introduction to neuroanatomy - Félix SCHOLTES		10	-	-	
	- Neuroanatomy and neurophysiology: practical application to the motor sciences - Gaëtan GARRAUX, Boris JIDOVTSSEFF, Alexandre MOUTON, Félix SCHOLTES		-	8	-	
	- Neuropsychology introduction - Gaëtan GARRAUX		12	-	-	
	- Biochemistry - Bernard REGISTER		2	-	-	
	- Histology - Chantal HUMBLET - [2h QA Sess.]		-	-	[+]	
	- General pathology - Yves HENROTIN		2	-	-	
	- Contraindications - Sarah BETHLEN, JeanFrançois KAUX		2	-	-	
EDPH0634-1	<i>Organization of leisure physical and sport activities (Part I) - Alexandre MOUTON</i>	Q1	10	-	-	<b>2</b>
EDPH2004-1	<i>Basis of training and performance</i>	Q1				<b>4</b>
	- Introduction - Boris JIDOVTSSEFF		10	-	-	
	- Advanced knowledge of Motor sciences - Boris JIDOVTSSEFF - [10h APP]		10	-	[+]	
PHYS0511-3	<i>Physical and mathematical bases for motor sciences - Laurent DREESEN - [30h Mon. WS]</i>	Q1	-	-	[+]	<b>1</b>
CHIM1310-2	<i>Chemistry preparing to motricity sciences - AnneSophie DUWEZ - [30h Mon. WS]</i>	Q1	-	-	[+]	<b>1</b>
STAT1001-1	<i>Biostatistics I - AnneFrançoise DONNEAU - [15h QA Sess.]</i>	Q1	15	-	[+]	<b>3</b>
HNOR0620-4	<i>Multidisciplinary approach to a normal human being (Part I)</i>	Q2				<b>7</b>
	- Human biochemistry - Bernard REGISTER		20	-	-	
	- Human physiology - Thierry BURY		20	5	-	
	- Introduction to human histology - Chantal HUMBLET - [4h QA Sess.]		10	-	[+]	
	- Varia contra-indications - Pierre BLAISE, Philippe LEFÈBVRE, Michelle NISOLLE, Nicolas PAQUOT		5	-	-	
	- Introduction to nutrition - Nicolas PAQUOT		10	-	-	
LOCO0525-8	<i>Multidisciplinary approach to the musculoskeletal system (part II) - Theory</i>	Q2				<b>7</b>
	- Histology - Chantal HUMBLET - [4h QA Sess.]		4	-	[+]	
	- Biochemistry - Bernard REGISTER		5	-	-	
	- Physiology - Thierry BURY		4	-	-	
	- Traumatology - JeanFrançois KAUX		16	-	-	
	- General pathology - Yves HENROTIN		8	-	-	
	- Physiotherapy introduction - JeanLouis CROISIER		5	-	-	
	- Contra-indications - JeanFrançois KAUX		3	-	-	
RESP0520-5	<i>Multidisciplinary approach to the respiratory system - Theory and practice</i>	Q2				<b>3</b>
	- Anatomy - Marc RADERMECKER		2	-	-	
	- Physiology - Thierry BURY		10	4	-	
	- Histology - Chantal HUMBLET - [2h QA Sess.]		4	-	[+]	
	- Contra-indications - Thierry BURY		4	-	-	
CAVS0630-1	<i>Multidisciplinary approach to the cardiovascular system</i>	Q2				<b>3</b>
	- Anatomie - Marc RADERMECKER		2	-	-	
	- Histology - Chantal HUMBLET - [2h QA Sess.]		3	-	[+]	
	- Physiology - Thierry BURY		8	4	-	
	- Special pathology - Patrizio LANCELLOTTI		8	-	-	
	- Contraindications - Patrizio LANCELLOTTI		2	-	-	
	- First aid and emergency relief - Alexandre GHUYSEN		5	-	-	
RACH0631-3	<i>Multidisciplinary approach to pathology of the spine - Theory</i>	Q2				<b>3</b>
	- Anatomy - Thierry THIRION		4,5	-	-	
	- Biomechanics - Didier MAQUET		1,5	-	-	
	- Special pathology introduction - Marco TOMASELLA		3	-	-	
	- Sport and spine - Marco TOMASELLA		3	-	-	
	- Spinal education and activities applied to motor sciences -		6	6	-	

EMOULIN, Marc VANDERTHOMMEN

LOCO0631-6	<i>Epistemology and psychomotility and body education didactics</i> - <i>Physiology</i> - Thierry BURY - <i>Training</i> - Boris JIDOVTSSEFF	Q2				<b>2</b>
			5	-	-	
			15	-	-	
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> - Boris JIDOVTSSEFF, Alexandre MOUTON, Catherine THEUNISSEN - [30h AUTR]	TA	-	210	[+]	<b>10</b>
EDPH0003-1	<i>Basis of sports training - Practice</i> - Boris JIDOVTSSEFF	TA	-	50	-	<b>3</b>
LOCO0531-7	<i>Multidisciplinary approach to the musculoskeletal system (pathology - physiotherapy) (Part III) - Theory</i> - <i>Micro-trauma traumatology</i> - JeanFrançois KAUX, FrançoisCharles WANG - <i>Trauma in motor science</i> - JeanFrançois KAUX, Thierry THIRION - <i>Basis of rehabilitation</i> - JeanLouis CROISIER - <i>Paediatric traumatology</i> - Sarah BETHLEN, JeanFrançois KAUX	TA				<b>3</b>
			5	-	-	
			2	-	-	
			4	5	-	
			6	-	-	