

#### Cycle view of the study programme

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

##### 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 - Suppl : Gilles LOMBARD - [20h Ex.]	B1	Q1	20	-	[+]	4
METO1018-1	<i>Evidence Based Practice - Research and critical analysis of literature</i> - <i>Presentation of research themes</i> - COLLÉGIALITÉ - [15h SEM] - <i>Evidence Based Practice</i> - Olivier BRUYÈRE, Fanny BUCKINX - <i>Use of a statistical software</i> - AnneFrançoise DONNEAU	B1	Q1			[+]	2
PHYL0540-1	<i>Physiology of physical effort</i> - Thierry BURY, Stéphanie HODY	B1	Q1	20	15	-	4
EDPH0650-3	<i>Organization of leisure physical and sport activities (Part II)</i> - Alexandre MOUTON - Suppl : Gilles LOMBARD	B1	Q2	10	-	-	4
PHYL1006-1	<i>Special biochemistry of physical effort</i> - Stéphanie HODY, Bernard ROGISTER	B1	Q2	20	-	-	4
EDPH0653-1	<i>Depth issues in physical education and sports</i> - COLLÉGIALITÉ - [45h Pers. Res.]	B1	Q2	-	-	[+]	1
EDPH0705-1	<i>Physical education and sports practice IV</i> - Boris JIDOVITSEFF, Alexandre MOUTON, Catherine THEUNISSEN - Suppl : Gilles LOMBARD - [20h QA Sess.]	B1	TA	-	210	[+]	10
EDPH0656-2	<i>Physical education teaching analysis and action research</i> - Alexandre MOUTON - Suppl : Gilles LOMBARD - [30h Pers. Res.]	B1	TA	5	-	[+]	4
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]	B1	TA	-	-	[+]	3
EDPH0694-1	<i>Multidisciplinary integration activities</i> - François DELVAUX, Christophe DEMOULIN, Stéphanie HODY, Boris JIDOVITSEFF, Alexandre MOUTON, Catherine THEUNISSEN - Suppl : Gilles LOMBARD - [15h Pers. Res.]	B2	Q2	-	-	[+]	2
EDPH0655-1	<i>Seminars for personal and professional development</i> - François DELVAUX, Christophe DEMOULIN, Catherine THEUNISSEN - [40h SEM]	B2	TA	-	-	[+]	2

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

PEDA0641-6	<i>Promotion of physical and leisure sports activities</i> - Alexandre MOUTON - Suppl : Gilles LOMBARD - [20h Ex.]	B1	Q1	15	-	[+]	4
EDPH0660-5	<i>Designing training (part I: individual sports)</i> - Raphaël DENOZ, Boris JIDOVITSEFF, JeanFrançois KAUX	B1	Q1	10	30	-	4
EDPH2003-1	<i>Designing training (part II: team sports and martial arts and combat sports)</i> - Boris JIDOVITSEFF	B1	Q2	10	30	-	4
EDPH0670-1	<i>Practical and scientific applications of working in physical and sports activities</i> - COLLÉGIALITÉ - [100h Internship]	B1	TA	-	-	[+]	12
METO1032-1	<i>Methodology of scientific research</i> - <i>Analysis of the use of statistics in the literature</i> - AnneFrançoise DONNEAU - <i>Critical analysis of scientific literature</i> - Géraldine MARTENS, Aurore THIBAUT	B2	Q2	10	10	-	4
MMEM0650-2	<i>Final thesis in sciences of motricity - general approach</i> - COLLÉGIALITÉ	B2		-	-	-	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, JeanMichel DOGNE, Pierre DRION, Ezio TIRELLI	B2	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	B2	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	B2	TA	-	-	[+]	8

#### 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.*

KINE1003-1	<i>Analysis of athletic movement and lesional mechanisms, new developments in the physiology of effort and training -</i> Thierry BURY, Boris JIDOVITSEFF, Cédric SCHWARTZ	B2	Q1	25	25	-	5
KINE1004-1	<i>Functional approach to pain mechanisms adapted to sport physiotherapy -</i> Christophe DEMOULIN	B2	Q1	20	-	-	2
KINE1005-1	<i>Biomedical and clinical sciences specific to sport physiotherapy -</i> - <i>Semiology and physiopathology -</i> JeanFrançois KAUX, Marco TOMASELLA - <i>Imaging and complementary examinations -</i> Nadège BOTTOSSO, Marco TOMASELLA - <i>Basic pharmacology -</i> Régis RADERMECKER	B2		20	-	-	4
KINE1006-1	<i>Preventing injury and Return-to-Play -</i> JeanLouis CROISIER, François DELVAUX, Bénédicte FORTHOMME, Amandine GOFFLOT, JeanFrançois KAUX, Camille TOOTH	B2	Q2	10	-	-	1
KINE1008-1	<i>Medical practice adapted to sport physiotherapy -</i> François DELVAUX, Edwin MATHEI, Alexandre MOUTON, Camille TOOTH - Suppl : Gilles LOMBARD	B2	Q2	10	-	-	1
COMM0008-1	<i>Introduction to therapeutic communication in sport physiotherapy -</i> Christophe DEMOULIN	B2	Q2	10	10	-	2
KINE1009-1	<i>Traumatology, surgery and rehabilitation of athletes -</i> Colin BODET, JeanLouis CROISIER, Julien DELLATTE, François DELVAUX, Bénédicte FORTHOMME, Amandine GOFFLOT, Stéphanie GROSDENT, Arnaud JANSSEN, JeanFrançois KAUX, Camille TOOTH	B2	TA	70	30	-	10

#### Compulsory Training

MSTG0690-1	<i>Placement in Sport Physiotherapy -</i> JeanLouis CROISIER, François DELVAUX, Bénédicte FORTHOMME, JeanFrançois KAUX, Didier MAQUET - [150h Internship]	B2	TA	-	-	[+]	5
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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>Introduction to neuroanatomy -</i> Félix SCHOLTES - <i>Neuroanatomy and neurophysiology: practical application to the</i>	B0	Q1				3
				10	-	-	
				-	8	-	

	<i>motor sciences</i> - Gaëtan GARRAUX, Boris JIDOVTSSEFF, Alexandre MOUTON, Félix SCHOLTES - Suppl : Gilles LOMBARD							
	- <i>Neuropsychology introduction</i> - Gaëtan GARRAUX	12	-	-				
	- <i>Biochemistry</i> - Bernard REGISTER	2	-	-				
	- <i>Histology</i> - Chantal HUMBLET - [2h QA Sess.]	-	-	[+]				
	- <i>General pathology</i> - Yves HENROTIN	2	-	-				
	- <i>Contraindications</i> - Sarah BETHLEN, JeanFrançois KAUX	2	-	-				
EDPH0634-1	<i>Organization of leisure physical and sport activities (Part I)</i> - Alexandre MOUTON - Suppl : Gilles LOMBARD	B0	Q1	10	-	-		<b>2</b>
EDPH2004-1	<i>Basis of training and performance</i>	B0	Q1					<b>4</b>
	- <i>Introduction</i> - Boris JIDOVTSSEFF			10	-	-		
	- <i>Advanced knowledge of Motor sciences</i> - Boris JIDOVTSSEFF, Marc VANDERTHOMMEN - [10h APP]			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>	B0	Q2					<b>7</b>
	- <i>Human biochemistry</i> - Bernard REGISTER			20	-	-		
	- <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) - 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 respiratory tract pathologies</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>Contraindications</i> - Thierry BURY			4	-	-		
CAVS0630-1	<i>Multidisciplinary approach to the cardiovascular system</i>	B0	Q2					<b>3</b>
	- <i>Anatomie</i> - Marc RADERMECKER			2	-	-		
	- <i>Histology</i> - Chantal HUMBLET - [2h QA Sess.]			3	-	[+]		
	- <i>Physiology</i> - Thierry BURY			8	4	-		
	- <i>Special pathology</i> - Patrizio LANCELLOTTI			8	-	-		
	- <i>Contraindications</i> - Patrizio LANCELLOTTI			2	-	-		
	- <i>First aid and emergency relief</i> - Alexandre GHUYSEN			5	-	-		
RACH0631-3	<i>Multidisciplinary approach to pathology of the spine - Theory</i>	B0	Q2					<b>3</b>
	- <i>Anatomy</i> - Thierry THIRION			4,5	-	-		
	- <i>Biomechanics</i> - Didier MAQUET			1,5	-	-		
	- <i>Special pathology introduction</i> - Marco TOMASELLA			3	-	-		
	- <i>Sport and spine</i> - Marco TOMASELLA			3	-	-		
	- <i>Spinal education and activities applied to motor sciences</i> - Christophe DEMOULIN, Stéphanie GROSDENT, Marc VANDERTHOMMEN			6	6	-		
LOCO0631-6	<i>Epistemology and psychomotility and body education didactics</i>	B0	Q2					<b>2</b>

	- <i>Physiology</i> - Thierry BURY	5	-	-		
	- <i>Training</i> - Boris JIDOVTSSEFF	15	-	-		
EDPH0007-1	<i>Evaluation of the sport performance</i> - Boris JIDOVTSSEFF	B0	Q2	10	40	- 3
EDPH0003-1	<i>Basis of sports training - Practice</i> - Boris JIDOVTSSEFF	B0	TA	-	50	- 3
EDPH9101-1	<i>Physical education and sports in practice M0</i> - Boris JIDOVTSSEFF, Alexandre MOUTON, Catherine THEUNISSEN - [30h AUTR]	B0	TA	-	210	[+] 10
LOCO0531-7	<i>Multidisciplinary approach to the musculoskeletal system (pathology - physiotherapy) (Part III) - Theory</i>	B0	TA			3
	- <i>Microtraumatic traumatology</i> - JeanFrançois KAUX, François WANG	5	-	-		
	- <i>Traumatology in motricity sciences</i> - JeanFrançois KAUX, Thierry THIRION	3	-	-		
	- <i>Foundations of re-education</i> - JeanLouis CROISIER	4	5	-		
	- <i>Paediatric traumatology</i> - Sarah BETHLEN, JeanFrançois KAUX	6	-	-		
MSTG9093-1	<i>Practical applications of working physical and sporting activities M0</i> - Alexandre MOUTON, Maurine REMACLE - [50h Internship]	B0	TA	-	-	[+] 2