

## Block view of the study programme

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### Block 1

#### Compulsory courses

##### Compulsory courses common to various orientations

EDPH0631-2	<i>Introduction to an analysis of intervention in physical and sports activities - Alexandre MOUTON, Catherine THEUNISSEN - Suppl : Gilles LOMBARD - [20h Ex.]</i>	Q1	20	-	[+]	4
METO1018-1	<i>Evidence Based Practice - Research and critical analysis of literature - Presentation of research themes - COLLÉGIALITÉ - [15h SEM]</i> <i>- Evidence Based Practice - Olivier BRUYÈRE, Fanny BUCKINX</i> <i>- Use of a statistical software - AnneFrançoise DONNEAU</i>	Q1	-	-	[+]	2
PHYL0540-1	<i>Physiology of physical effort - Thierry BURY, Stéphanie HODY</i>	Q1	20	15	-	4
EDPH0650-3	<i>Organization of leisure physical and sport activities (Part II) - Alexandre MOUTON - Suppl : Gilles LOMBARD</i>	Q2	10	-	-	4
PHYL1006-1	<i>Special biochemistry of physical effort - Stéphanie HODY, Bernard ROGISTER</i>	Q2	20	-	-	4
EDPH0653-1	<i>Depth issues in physical education and sports - COLLÉGIALITÉ - [45h Pers. Res.]</i>	Q2	-	-	[+]	1
EDPH0705-1	<i>Physical education and sports practice IV - Boris JIDOVITSEFF, Alexandre MOUTON, Catherine THEUNISSEN - Suppl : Gilles LOMBARD - [20h QA Sess.]</i>	TA	-	210	[+]	10
EDPH0656-2	<i>Physical education teaching analysis and action research - Alexandre MOUTON - Suppl : Gilles LOMBARD - [30h Pers. Res.]</i>	TA	5	-	[+]	4
EDPH0646-1	<i>Field applications of the intervention in physical and sport activities (Part II) - Boris JIDOVITSEFF, Didier MAQUET, Alexandre MOUTON, Catherine THEUNISSEN - [50h Internship]</i>	TA	-	-	[+]	3

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

PEDA0641-6	<i>Promotion of physical and leisure sports activities - Alexandre MOUTON - Suppl : Gilles LOMBARD - [20h Ex.]</i>	Q1	15	-	[+]	4
EDPH0660-5	<i>Designing training (part I: individual sports) - Raphaël DENOZ, Boris JIDOVITSEFF, JeanFrançois KAUX</i>	Q1	10	30	-	4
EDPH2003-1	<i>Designing training (part II: team sports and martial arts and combat sports) - Boris JIDOVITSEFF</i>	Q2	10	30	-	4
EDPH0670-1	<i>Practical and scientific applications of working in physical and sports activities - COLLÉGIALITÉ - [100h Internship]</i>	TA	-	-	[+]	12

### Block 2

#### Compulsory courses

##### Compulsory courses common to various orientations

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

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

METO1032-1	<i>Methodology of scientific research</i>	Q2	-	-	-	4
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- <i>Analysis of the use of statistics in the literature</i> - AnneFrançoise DONNEAU	10	-	-	
- <i>Critical analysis of scientific literature</i> - Géraldine MARTENS, Aurore THIBAUT	10	10	-	

MMEM0650-2 *Final thesis in sciences of motricity - general approach* - COLLÉGIALITÉ - - - - **22**

#### Optional courses

Choose one focus from the following :

##### Research Focus

DEON0003-1	<i>Questions of ethics : Animal and human experimentation</i> - Jo CAERS, JeanMichel DOGNE, Pierre DRION, Ezio TIRELLI	Q1	15	-	-	<b>2</b>
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	-	-	[+]	<b>20</b>
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	-	-	[+]	<b>8</b>

##### 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 athletic movement and lesional mechanisms, new developments in the physiology of effort and training</i> - Thierry BURY, Boris JIDOVITSEFF, 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</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		20	-	-	<b>4</b>
KINE1006-1	<i>Preventing injury and Return-to-Play</i> - JeanLouis CROISIER, François DELVAUX, Bénédicte FORTHOMME, Amandine GOFFLOT, JeanFrançois KAUX, Camille TOOTH	Q2	10	-	-	<b>1</b>
KINE1008-1	<i>Medical practice adapted to sport physiotherapy</i> - François DELVAUX, Edwin MATHEI, Alexandre MOUTON, Camille TOOTH - Suppl : Gilles LOMBARD	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, Amandine GOFFLOT, Stéphanie GROSDENT, Arnaud JANSSEN, JeanFrançois KAUX, Camille TOOTH	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 - [150h Internship]	TA	-	-	[+]	<b>5</b>
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#### Bloc d'aménagement du programme de l'année

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

# Study programmes 2023-2024

## Faculty of Medicine

### Master in motor sciences (120 ECTS)

#### Compulsory courses

NERF0537-2	<i>Multidisciplinary approach to the nervous system (anatomy - pathology) - Theory</i> - Introduction to neuroanatomy - Félix SCHOLTES - Neuroanatomy and neurophysiology: practical application to the motor sciences - Gaëtan GARRAUX, Boris JIDOVTSSEFF, Alexandre MOUTON, Félix SCHOLTES - Suppl : Gilles LOMBARD - Neuropsychology introduction - Gaëtan GARRAUX - Biochemistry - Bernard REGISTER - Histology - Chantal HUMBLET - [2h QA Sess.] - General pathology - Yves HENROTIN - Contraindications - Sarah BETHLEN, JeanFrançois KAUX	Q1	10	-	-	8	-	-	3
EDPH0634-1	<i>Organization of leisure physical and sport activities (Part I)</i> - Alexandre MOUTON - Suppl : Gilles LOMBARD	Q1	10	-	-	-	-	-	2
EDPH2004-1	<i>Basis of training and performance</i> - Introduction - Boris JIDOVTSSEFF - Advanced knowledge of Motor sciences - Boris JIDOVTSSEFF, Marc VANDERTHOMMEN - [10h APP]	Q1	10	-	-	10	-	[+]	4
PHYS0511-3	<i>Physical and mathematical bases for motor sciences</i> - Laurent DREESEN - [30h Mon. WS]	Q1	-	-	-	-	-	[+]	1
CHIM1310-2	<i>Chemistry preparing to motricity sciences</i> - AnneSophie DUWEZ - [30h Mon. WS]	Q1	-	-	-	-	-	[+]	1
STAT1001-1	<i>Biostatistics I</i> - AnneFrançoise DONNEAU - [15h QA Sess.]	Q1	15	-	-	-	-	[+]	3
HNOR0620-4	<i>Multidisciplinary approach to a normal human being (Part I)</i> - Human biochemistry - Bernard REGISTER - Human physiology - Thierry BURY - Introduction to human histology - Chantal HUMBLET - [4h QA Sess.] - Varia contra-indications - Pierre BLAISE, Philippe LEFÈVRE, Michelle NISOLLE, Nicolas PAQUOT - Introduction to nutrition - Nicolas PAQUOT	Q2	20	-	-	20	5	-	7
LOCO0525-8	<i>Multidisciplinary approach to the musculoskeletal system (part II) - Theory</i> - Histology - Chantal HUMBLET - [4h QA Sess.] - Biochemistry - Bernard REGISTER - Physiology - Thierry BURY - Traumatology - JeanFrançois KAUX - General pathology - Yves HENROTIN - Physiotherapy introduction - JeanLouis CROISIER - Contra-indications - JeanFrançois KAUX	Q2	4	-	-	5	-	[+]	7
RESP0520-5	<i>Multidisciplinary approach to respiratory tract pathologies</i> - Anatomy - Marc RADERMECKER - Physiology - Thierry BURY - Histology - Chantal HUMBLET - [2h QA Sess.] - Contraindications - Thierry BURY	Q2	2	-	-	10	4	-	3
CAVS0630-1	<i>Multidisciplinary approach to the cardiovascular system</i> - Anatomie - Marc RADERMECKER - Histology - Chantal HUMBLET - [2h QA Sess.] - Physiology - Thierry BURY - Special pathology - Patrizio LANCELLOTTI - Contraindications - Patrizio LANCELLOTTI - First aid and emergency relief - Alexandre GHUYSEN	Q2	2	-	-	3	-	[+]	3
RACH0631-3	<i>Multidisciplinary approach to pathology of the spine - Theory</i> - Anatomy - Thierry THIRION - Biomechanics - Didier MAQUET - Special pathology introduction - Marco TOMASELLA	Q2	4,5	-	-	1,5	-	-	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>	Q2			<b>2</b>
	- <i>Physiology</i> - Thierry BURY	5	-	-	
	- <i>Training</i> - Boris JIDOVITSEFF	15	-	-	
EDPH0007-1	<i>Evaluation of the sport performance</i> - Boris JIDOVITSEFF	Q2	10	40	- <b>3</b>
EDPH0003-1	<i>Basis of sports training - Practice</i> - Boris JIDOVITSEFF	TA	-	50	- <b>3</b>
EDPH9101-1	<i>Physical education and sports in practice M0</i> - Boris JIDOVITSEFF, Alexandre MOUTON, Catherine THEUNISSEN - [30h AUTR]	TA	-	210	[+] <b>10</b>
LOCO0531-7	<i>Multidisciplinary approach to the musculoskeletal system (pathology - physiotherapy) (Part III) - Theory</i>	TA			<b>3</b>
	- <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]	TA	-	-	[+] <b>2</b>