



EDPH0656-2	<i>Physical education teaching analysis and action research -</i> Alexandre MOUTON - [30h Pers. Res.]	B1	TA	5	-	[+]	<b>4</b>
	<b>Corequisite :</b> EDPH0631-2 - Introduction à l'analyse de l'intervention dans les activités physiques et sportives						
EDPH0646-1	<i>Field applications of the intervention in physical and sport activities (Part II) (Service Learning) -</i> Boris JIDOVITSEFF, Alexandre MOUTON, Catherine THEUNISSEN - [50h Internship]	B1	TA	-	-	[+]	<b>3</b>
EDPH0694-1	<i>Multidisciplinary integration activities -</i> François DELVAUX, Christophe DEMOULIN, Stéphanie HODY, Boris JIDOVITSEFF, Alexandre MOUTON, Catherine THEUNISSEN - [15h Pers. Res.]	B2	Q2	-	-	[+]	<b>2</b>
EDPH0655-1	<i>Seminars for personal and professional development -</i> François DELVAUX, Christophe DEMOULIN, Catherine THEUNISSEN - [40h SEM]	B2	TA	-	-	[+]	<b>2</b>

#### Compulsory courses specific to the study paths

MMEM0640-1	<i>Final thesis in physical education and sports -</i> COLLÉGIALITÉ	B2	-	-	-	-	<b>20</b>
	<b>Prerequisite :</b> EDPH0653-1 - Questions approfondies en éducation physique et sportive METO1018-1 - Evidence Based Practice - Recherche et analyse critique de la littérature						

#### Cours au choix du tronc commun (B1 : 20Cr, B2 : 10Cr)

Choose 2 of the following modules: "Health" module, "Physical preparation" module, "Intervention" module (B1 : 20Cr, B2 : 10Cr)

##### "Health" module (B1 : 10Cr, B2 : 5Cr)

PEDA0641-6	<i>Promotion of physical and leisure sports activities -</i> Alexandre MOUTON - [20h Ex.]	B1	Q1	15	-	[+]	<b>4</b>
EDPH1651-1	<i>Practical applications of intervention in physical and sporting activities - Health module -</i> Didier MAQUET - [50h Internship]	B1	TA	-	-	[+]	<b>3</b>
COMM0005-1	<i>Communication and education -</i> Jean Luc BELCHE, Christophe DEMOULIN, Jennifer FOUART, Gilles LOMBARD, Alexandre MOUTON, Benoît PÉTRÉ, Sébastien WOLFS	B1	Q1	15	5	-	<b>3</b>
KINE0540-2	<i>Adapted physical and sport activities - Physical and sport activities - Theory -</i> Didier MAQUET, Marc VANDERTHOMMEN <i>- Physical and sport activities - Practice in motor sciences -</i> Didier MAQUET	B2	Q1	15	-	-	<b>2</b>
EDPH9102-1	<i>Engineering of physical activity and health - Physical activity advice: back pain, mental health -</i> Alexandre MOUTON, Marc VANDERTHOMMEN <i>- Healthy ageing whatever life throws at us -</i> Olivier BRUYÈRE, Alexandre MOUTON <i>- The benefits of physical activity for chronic medical conditions -</i> Arnaud ANCIEN	B2	TA	7	5	3	<b>3</b>
	<b>Corequisite :</b> EDPH9103-1 - Ingénierie de la préparation physique et de la performance sportive			8	-	-	

##### "Physical preparation" module (B1 : 10Cr, B2 : 5Cr)

EDPH0660-5	<i>Designing training (part I: individual sports) -</i> Raphaël DENOZ, Boris JIDOVITSEFF, JeanFrançois KAUX	B1	Q1	10	30	-	<b>3</b>
	<b>Corequisite :</b> EDPH2003-1 - Conceptualisation de l'entraînement (partim II : sports collectifs et d'opposition) EDPH0631-2 - Introduction à l'analyse de l'intervention dans les activités physiques et sportives						
EDPH2003-1	<i>Designing training (part II: team sports and martial arts and combat sports) -</i> Boris JIDOVITSEFF	B1	Q2	10	30	-	<b>4</b>
	<b>Corequisite :</b>						

EDPH0650-3 - Organisation des activités physiques et sportives de loisir (Partim II)  
EDPH0631-2 - Introduction à l'analyse de l'intervention dans les activités physiques et sportives

EDPH1652-1	<i>Practical application of intervention in physical and sporting activities - Physical preparation coach module - Boris JIDOVTSSEFF - [50h Internship]</i>	B1	TA	-	-	[+]	<b>3</b>
EDPH9103-1	<i>Engineering of physical preparation and athletic performance - The work of a physical trainer and planning: "Failing to plan is planning to fail" - Boris JIDOVTSSEFF, Carlos RODRIGUEZ - Managing modern athletes nowadays - JeanLouis CROISIER, François DELVAUX - New issues in the field of recovery and how to develop better aerobic ability - Building the athletes of the future - neuromuscular training - Boris JIDOVTSSEFF, Cédric LEHANCE - Injuries that can spoil life - Bénédicte FORTHOMME, JeanFrançois KAUX</i>	B2	TA	4	4	-	<b>5</b>
	<b>Corequisite :</b> EDPH9102-1 - Ingénierie de l'activité physique et de la santé			7	-	-	
				6	-	-	
				8	-	-	
				8	-	-	
<b>"Intervention" module (B1 : 10Cr, B2 : 5Cr)</b>							
EDPH1649-1	<i>Analysis of intervention programmes and contents in physical and sporting activities</i>	B1	Q2	20	-	-	<b>3</b>
EDPH1650-1	<i>Analysis of physical education teaching models</i>	B1	Q2	20	-	-	<b>3</b>
EDPH1653-1	<i>Practical applications of intervention in physical and sporting activities - Intervention module</i>	B1	TA	-	-	-	<b>4</b>
EDPH1654-1	<i>Training trainers - [20h Internship]</i>	B2	Q2	10	20	[+]	<b>5</b>

### Additional ECTS Master in motor sciences : physical education (120 ECTS)

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

NERF0537-2	<i>Multidisciplinary approach to the nervous system (anatomy - pathology) - Theory - Introduction to neuroanatomy - Félix SCHOLTES - Neuroanatomy and neurophysiology: practical application to the motor sciences - Gaëtan GARRAUX, Boris JIDOVTSSEFF, Alexandre MOUTON, Félix SCHOLTES - Introduction to neurophysiology - Gaëtan GARRAUX - Biochemistry - Bernard ROGISTER - Histology - Chantal HUMBLET - [2h QA Sess.] - General pathology - Yves HENROTIN - Contraindications - JeanFrançois KAUX</i>	B0	Q1	10	-	-	<b>3</b>
EDPH0634-1	<i>Organization of leisure physical and sport activities (Part I) - Alexandre MOUTON</i>	B0	Q1	10	-	-	<b>2</b>
EDPH2004-1	<i>Basis of training and performance - Introduction - Boris JIDOVTSSEFF - Advanced knowledge of Motor sciences - Boris JIDOVTSSEFF, Marc VANDERTHOMMEN - [10h APP]</i>	B0	Q1	10	-	-	<b>4</b>
PHYS0511-3	<i>Physics applied to Motor Sciences - Laurent DREESEN - [30h Mon. WS]</i>	B0	Q1	-	-	[+]	<b>1</b>
CHIM1310-2	<i>Chemistry preparing to motricity sciences - AnneSophie DUWEZ - [30h Mon. WS]</i>	B0	Q1	-	-	[+]	<b>1</b>
STAT1001-1	<i>Biostatistics I - AnneFrançoise DONNEAU - [15h QA Sess.]</i>	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>	20	5	-		
	- <i>Introduction to human histology</i> - Chantal HUMBLET - [4h QA Sess.]	8	-	[+]		
	- <i>Varia contra-indications</i> - Pierre BLAISE, Philippe LEFÈBVRE, 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 - [3h QA Sess.]	4	-	[+]		
	- <i>Biochemistry</i> - Bernard REGISTER	4	-	-		
	- <i>Physiology</i>	4	-	-		
	- <i>Traumatology</i> - JeanFrançois KAUX	16	-	-		
	- <i>General pathology</i> - Yves HENROTIN	6	-	-		
	- <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>	8	-	-		
	- <i>Histology</i> - Chantal HUMBLET - [2h QA Sess.]	4	-	[+]		
	- <i>Contraindications</i>	4	-	-		
CAVS0630-1	<i>Multidisciplinary approach to the cardiovascular system</i>	B0	Q2			<b>3</b>
	- <i>Anatomy</i> - Régis RADERMECKER	2	-	-		
	- <i>Histology</i> - Chantal HUMBLET - [2h QA Sess.]	3	-	[+]		
	- <i>Physiology</i>	8	-	-		
	- <i>Special pathology</i> - Patrizio LANCELLOTTI	8	-	-		
	- <i>Contraindications</i> - Patrizio LANCELLOTTI	2	-	-		
	- <i>First aid and emergency care</i> - Alexandre GHUYSEN	4	-	-		
RACH0631-3	<i>Multidisciplinary approach to pathology of the spine - Theory</i>	B0	Q2			<b>3</b>
	- <i>Anatomy</i> - Thierry THIRION	2	-	-		
	- <i>Biomechanics</i> - Didier MAQUET	1,5	-	-		
	- <i>Special pathology introduction</i> - Marco TOMASELLA	3	-	-		
	- <i>Sport and spine</i> - Marco TOMASELLA	3	-	-		
	- <i>Education et activités rachidiennes appliquées aux sciences de la motricité</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>	5	-	-		
	- <i>Training</i> - Boris JIDOVITSEFF	15	-	-		
EDPH0007-1	<i>Evaluation of the sport performance</i> - Boris JIDOVITSEFF	B0	Q2	10	40	- <b>3</b>
EDPH0003-1	<i>Basis of sports training - Practice</i> - Boris JIDOVITSEFF	B0	TA	-	50	- <b>3</b>
EDPH9101-1	<i>Physical education and sports in practice M0</i> - Boris JIDOVITSEFF, Alexandre MOUTON, Catherine THEUNISSEN - [30h AUTR]	B0	TA	-	210	[+] <b>10</b>
LOCO0531-7	<i>Multidisciplinary approach to the musculoskeletal system (pathology - physiotherapy) (Part III) - Theory</i>	B0	TA			<b>3</b>
	- <i>Microtraumatic traumatology</i> - JeanFrançois KAUX	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> - JeanFrançois KAUX	6	-	-		
MSTG9093-1	<i>Practical applications of working physical and sporting activities M0</i> - Alexandre MOUTON, Maurine REMACLE - [50h Internship]	B0	TA	-	-	[+] <b>2</b>