



The version you're consulting is not definitive. This programme still may change. The final version will be published on 1th June.

At Louvain-la-Neuve - 120 credits - 2 years - Day schedule - In French

Dissertation/Graduation Project : **YES** - Internship : **YES**

Activities in English: **optional** - Activities in other languages : **NO**

Activities on other sites : **NO**

Main study domain : **Sciences de la motricité**

Organized by: **Faculty of Movement and Rehabilitation Sciences (FSM)**

Programme acronym: **EDPH2M** - Francophone Certification Framework: 7

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EDPH2M - Introduction

Introduction

Introduction

The Master's programme focuses on learning and developing knowledge and skills in various fields of application (human sciences, research training, biomedical sciences and practical training).

Practical training includes adapted physical sports activities as well as training in rescue and resuscitation.

Master's students specialise in a specific field by choosing a major (sports management or training, physical activity and health) and an option (in-depth study in sports management, in-depth study in training and physical activity and health, research, motricity and pathology, interdisciplinary training in entrepreneurship).

Your profile

You

- have a bachelor's degree in motor sciences and would like to develop your skills in various fields of application;
- have a bachelor's degree in motor sciences from a higher education institution and would like to extend your initial training and integrate your practice into a university setting;
- would like to focus your training on practising your skills in a professional environment.

Your future job

Your skills will enable you to work with all sections of the population to meet the specific needs of movement and thus contribute to the development of everyone, individually or collectively.

You will be able to work in a variety of ways with children, teenagers, adults, the elderly and the disabled, and with public, professional and private non-profit sports organisations.

You will be able to apply your skills in a variety of environments: sports management and sports and leisure coaching, the workplace, the paramedical field, etc.

Your programme

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EDPH2M - Teaching profile

Learning outcomes

Providing an expert response to society's needs in terms of movement is the challenge that Master's graduates in motor sciences with a focus on physical education are preparing to take up in their professional practice.

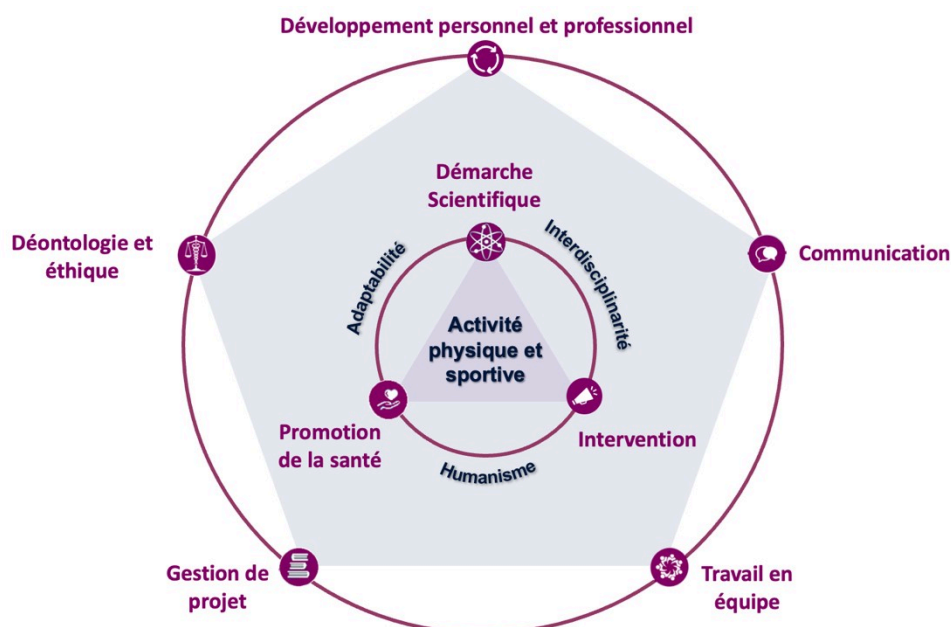
The aim is to become a movement professional who optimises the motor behaviours of individuals and society for the benefit of health.

The future physical education graduate will acquire the knowledge and skills needed to :

- master the characteristics of movement and its effects in order to use it for educational, performance, well-being or managerial purposes, depending on their specialisation.
- interact by adapting to the target audience, particularly in terms of age and motor, physiological, psychological or sociological characteristics, as well as the context of the situation.
- be capable of organising, communicating and using his/her knowledge appropriately.
- be able to think critically and rigorously evaluate their practices in order to bring them up to date.

At the end of the course organised by the Faculty of Motor Sciences, the physical education graduate will have independently developed his/her personal and professional project.

Graduate profile



To translate this vision into action, the Faculty has developed a set of skills and learning outcomes defining the output profile of its graduates of the Master 120 in motor sciences, physical education specialism. This reference framework is made up of nine areas of competence and sets out the target to be achieved by the end of the course. The four values promoted throughout the training programme are also highlighted at the centre of this figure and integrated into the skills and learning outcomes reference framework.

Translated with DeepL.com (free version)

On successful completion of this programme, each student is able to :

1) Intervention*

The order of the skills areas is not intended to be a hierarchy; all areas are equally important in the graduate's exit profile.

To intervene in the field of physical activity and sport with relevance to a complex problem in motor sciences, by mobilising specialised scientific knowledge and adapted technologies, with regard to the context, the target groups and the issues of social and environmental transition in relation to the objectives of sustainable development.

1.1. Articulate and integrate the major theoretical references in the human sciences, exact sciences, bio-medical sciences and movement sciences which underpin a PSA intervention (physical activity and sport).

1.2 Demonstrate knowledge of a given context through a structured analysis of the sectors and players involved in the world of sport, physical education and physical activity.

1.3 Practise his/her own physical activity and sport to a level of mastery enabling him/her to acquire the expertise in movement necessary for his/her future professional practice.

- 1.4. Understand and position his/her personal role and specific field of action and expertise in relation to a problem in a given context, in interaction with the various internal and external stakeholders from different disciplines, in order to intervene effectively collectively in a shared project.
- 1.5. Observing and analysing, using specialised scientific knowledge from an interdisciplinary perspective, a problem in the fields of the motor sciences, including the context and characteristics of the target groups, and targeting the priority needs and objectives with the beneficiaries of the intervention.
- 1.6. Designing and planning an intervention which is relevant to the objectives and adapted to the characteristics (biological, psychological, socio-economic factors, etc.) of the target group and the context.
- 1.7 Carry out the intervention in a way that is relevant to the objectives and adapted to the characteristics of the target group.
- 1.8. Evaluates the effects of his/her intervention and its effects throughout the course of it and, if necessary, adapts it or suggests ways of improving it.
- 1.9. Carry out a reflective analysis of his/her actions and identify areas for improvement for future actions. Carry out a reflective analysis of your intervention practices and look for ways of adjusting your future interventions.
- 1.10. Incorporate innovative practices, including new technologies, into his/her work in an appropriate way, with the aim of adding value.
- 1.11. Plan and carry out his/her activities taking account of health issues and the social, environmental and health transition.
- 1.12. Be able to supervise an individual or group of individuals in a physical and sports activity and adjust his/her intervention to the target group, taking into account the characteristics (biological, psychological, socio-economic factors, etc.) of the target group and the context.

**These learning outcomes are oriented according to the major and option chosen by the student. You will find above a diagram showing emblematic professional and learning situations for each of the aims and options offered in the master's degree [120] in motor sciences, physical education. This diagram helps to contextualise the learning outcomes.*

2) Scientific approach

Carry out a research project, using a scientific approach, to investigate a research question in the motor sciences in greater depth and build up knowledge and concrete avenues of innovation useful to those involved.

- 2.1 Formulate a research question in the motor sciences, specifying its anchorage in a socio-professional field, the preferred disciplinary angle, the scope of analysis and the working hypotheses.
- 2.2 Produce a review of the scientific literature, using the relevant theoretical frameworks, on a research question in the motor sciences.
- 2.3 Develop and implement a rigorous, valid, reliable and relevant methodology for collecting and analysing quantitative and qualitative data.
- 2.4 Analyse and interpret results to the point of reasoned criticism, making appropriate use of relevant theoretical frameworks.
- 2.5 Summarise and critically formulate scientific conclusions and useful avenues of innovation and discuss them with experts and/or practitioners.

3) Health promotion

Be pro-actively involved in promoting individual or collective physical, mental and social health through physical activity and sport, while being aware of the environmental dimension of its actions.

- 3.1. Promote physical activity and sport for all as a pillar of physical, mental and social health.
- 3.2. identify and collaborate with partners who can contribute to promoting health through physical activity and sport.
- 3.3. Take action to promote health in order to reduce inequalities, while taking account of the eco-socio-cultural context and consequences.
- 3.4 Contribute to current debates and controversies in the field of motor sciences, including those relating to well-being and health.
- 3.5 Construct environments and adopt a stance that encourages learning and the empowerment of individuals or groups in relation to their practice.

4) Communication

Communicates and engages in dialogue in a way that is relevant to the aims of the intervention and adapted to the characteristics of the people with whom he/she is dealing and to the context of the motor sciences.

** These learning outcomes are oriented according to the major and option chosen by the student. You will find above a diagram showing emblematic professional and learning situations for each of the aims and options offered in the master's degree [120] in motor sciences, physical education. This diagram helps to contextualise the learning outcomes.*

- 4.1 Explain and argue your opinions and points of view on the basis of scientific knowledge in a way that is appropriate, relevant and convincing in relation to the people you are talking to.
- 4.2. Interact effectively and appropriately with the person(s) you are talking to, showing ability to listen, empathy and assertiveness.
- 4.3. Use different oral communication techniques and tools effectively (visual aids, presentation, verbal and body language, etc.).
- 4.4 Communicate his/her message in writing in a way that is appropriate to the situation (person to whom he/she is speaking, type of message, type of communication channel, purpose of the message, etc.).
- 4.5. Reach a consensus: understand the needs and points of view of the person(s) you are talking to, put forward your arguments in an appropriate, relevant and convincing way, be able to identify points of agreement.
- 4.6. Popularise the scientific bases of how physical and sports activities work and their consequences in order to promote understanding.

5) Teamwork

Integrate and collaborate within a mono- or interdisciplinary team and exercise enlightened leadership in a project related to the motor sciences.

- 5.1. Understand his/her position, role, field of action and expertise with regard to a problem in a given context within a mono- or interdisciplinary team.
- 5.2. Decode and adapt to the behaviour of the members of a team to which he/she contributes, the associated activities and the impact of the organisational context on group dynamics.
- 5.3. Integrate and be able to collaborate within a team, be open to and take account of different points of view and ways of thinking, deal constructively with differences and conflicts, and accept diversity.
- 5.4. Demonstrate leadership, motivate the different players and members of a team, guide them to cooperate in achieving a common goal, adapting to situational constraints.

6) Project management**Define and steer a motor science project through to completion, taking into account the objectives, resources and constraints inherent in the project environment.**

- 6.1. Frame the project in its environment and situate the issues and aims of the project as well as the constraints that characterise its environment.
- 6.2. Clearly define the project's objectives and define the expected result indicators, including milestones for each stage of the process.
- 6.3. Organising, steering and controlling the process: structuring and defining the schedule of tasks to be carried out; identifying and allocating human and material resources; coordinating tasks; taking into account the constraints and risks to be anticipated.
- 6.4. Taking and assuming responsibility for decisions in a context of uncertainty: taking initiatives and committing oneself to action; anticipating and being proactive, using discernment and judgement to take appropriate decisions taking account of multiple and uncertain factors; assuming the risks and consequences of one's decisions.

7) Deontology and ethics**Acting as a responsible and reflective player by applying professional know-how and interpersonal skills in accordance with the ethics and deontology specific to the motor sciences.**

- 7.1. Respect the ethical and deontological framework associated with his/her professional practice, paying particular attention to the appropriateness of the relationship with the body.
- 7.2. Demonstrate intellectual independence in reasoning, and take a critical and reflective look at knowledge (academic and common sense) and practices, taking account of the context in which they emerged and their aims.
- 7.3. Distancing oneself from one's prejudices and decentering oneself in relation to one's own point of view and cultural values.
- 7.4. Decide and act in accordance with ethical and humanist values, integrity, respect for laws and conventions, civic solidarity and sustainable development.

8) Personal and professional development**Knowing oneself and being autonomous, being able to adapt effectively to new contexts and evolve positively in them.****8) Personal and professional development****Knowing oneself and being autonomous, being able to adapt effectively to new contexts and evolve positively in them.**

- 8.1. Manage work autonomously: define priorities, anticipate and plan all work activities over time, demonstrate rigour and structure in your work, including in a changing, uncertain and urgent context.
- 8.2. Knowing oneself and controlling oneself: being aware of and managing one's own emotions, taking a critical look at one's own productions and actions in order to recognise one's strengths and weaknesses, dealing with one's strengths and weaknesses in order to have a professional attitude and behaviour.
- 8.3. Developing oneself: constructing a professional project in line with one's own values and aspirations, maintaining self-confidence and managing one's motivation in the realisation of this project, persevering in difficult situations.
- 8.4. Learning effectively and autonomously: developing rapidly and autonomously the new knowledge and skills that are essential for progress in one's professional environment, learning from one's successes and mistakes as part of a process of continuous development.

Programme structure

The programme of study (Master 1 and Master 2) set out below is the result of the latest reform of the Master's degree in motor sciences, physical education, and concerns students enrolling for the first time in September 2025 in Master 1.

Students who began their Master's programme before September 2025 will follow the old programme, but with content adjustments following the reform for Master's 1 courses that have not been validated. The adapted programme for these students will be drawn up by the jury on the basis of the teaching units already taken and passed.

More information about the transition programme: [Link to info master](#) [a pdf link will be published on the intranet].

Students who in September 2025 will only have Master 2 courses at their EAP will follow the Master 2 courses of the old programme.

More information about the [old Master 2 programme](#)

Once the student has obtained his/her bachelor's degree, he/she continues his/her training either with the Master's in motor sciences, specializing in physical education or the Master's in initial teacher training (FIE).

The Master's in motor sciences lasts two years and consists of a common core, a focus and an option.

The 120-credit master's degree, spread over two years of study, includes the writing of a dissertation and is the place for in-depth study and specialization. It is divided into two focuses, depending on whether the future graduate intends to train and supervise physical and sports activities or to practice a profession in the world of sport.

- Specialization in Training, Physical Activity and Health,
- Specialization in Sports Management

Practical training

Oriented towards physical and sports activities adapted to specific audiences, practical training includes physical sports activities adapted to different ages of life, training for sedentary adults. The student also deepens his practice in three sports disciplines of his choice (athletic training, team games, acrobatic sports, swimming, dance and expression).

- Teaching is provided in various forms: lectures, practical courses in small groups, personal work and projects, internships.
- Training in human sciences: Ethics and professional conduct, Communication, Psychology of physical and sports activities, Theory of interventions on physically active lifestyles.
- Professional training: Fundamentals of entrepreneurship in sport, Interdisciplinary project in motor sciences
- Training in biomedical sciences: Nutrition of physical and sports activities;
- Research training that develops, regardless of the specialization the student chooses, his or her ability to investigate a new subject in a scientific manner and to interpret the results of the scientific literature.
- A dissertation that specializes the student in a specific field either through bibliographical research or through experimental work in the laboratory or in the field, thanks to close collaboration and a privileged learning relationship with his or her supervisor.

Professional training

The Master in Motor Sciences, Physical Education orientation offers a wide choice of specializations directly linked to professional practice. The student will choose a focus [30] from the two proposed.

Sports Management

The specialized focus in sports management, combined with the advanced option in sports management, prepares students for the management and governance of clubs, federations, sports centers, and other non-profit, public, professional or private sports organizations. The student will develop advanced knowledge on a set of themes related to sports management, including marketing, economics, management of sports events and sports infrastructure, sports policies, human resources management. The student will develop a set of skills such as critical thinking, problem solving, teamwork and communication.

Training, physical activity and health

The focus in training, physical activity and health combined with the advanced option in training and physical activity and health will train professionals with cross-disciplinary skills in the management of various populations in a continuum ranging from physical activity-health to high-level sports practice.

Teaching

If the student plans to pursue a career in secondary education, he or she chooses the Master in Initial Teacher Training which allows him or her to develop:

- pedagogical and didactic skills adapted to teaching physical education and health,
- personal group management skills, thanks to field practice,
- a good knowledge of the school environment and the physical education and health program in secondary education.

At the end of his or her Master's program in Initial Teacher Training, the student receives the professional title of Associate Professor of Higher Secondary Education.

Deepen your specialization

The objectives are supplemented by a set of options to further deepen your specialization.

• Research

The objective of this option is to introduce the research profession by integrating the student into a FSM research center. This approach first involves reading the scientific literature related to the research topic they are pursuing. They learn the basics of experimental techniques and approaches and are introduced to scientific communication. Their research topic may eventually culminate in their final dissertation.

• Motor skills and pathology

The motor skills and pathology option allows the motor sciences curriculum to be oriented towards the field of pathology. The student's program is made up of courses from the physiotherapy and rehabilitation program. At the end of this training, if they wish to continue with training in physiotherapy and rehabilitation, their program will be lightened accordingly. Management students who choose the 'Motricity and Pathology' option and who plan to do physiotherapy after their Master's degree will have to add the following 2 UE to their programme in order to do the Bachelor's degree in physiotherapy in one year: LKNR1203 - Palpatory anatomy, LKNR1207 - Introduction to pathology.

• Interdisciplinary training in entrepreneurship

The interdisciplinary module in entrepreneurship (INEO) is an optional program that is part of the master's programs of several faculties [Law, Economic, Social and Political Sciences and Communication, Bioengineers, Ecole Polytechnique de Louvain, Medicine (Motor Sciences)]. It aims to train students in business creation and entrepreneurship in the broad sense.

For a typical program, the master's degree in motor sciences with a physical education orientation will total, regardless of the focus, options and/or elective courses selected, a minimum of 120 credits spread over two annual blocks corresponding to 60 credits each.

• Advanced option in training, physical activity and health

This option is only available to students who have chosen the specialised training, physical activity and health option.

- Advanced option in sports management

This option is only open to students who have chosen the specialised subject of sports management.

EDPH2M Programme

Detailed programme by subject

CORE COURSES [60.0]

The master's degree [120] in motor sciences with a focus on physical education is currently being reformed, and the EDPH2M programme presented here is aimed at students who will be starting this course from 2025-2026.

- Mandatory
- ⊗ Optional
- △ Not offered in 2025-2026
- ⊖ Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

				Year	
				1	2
○ LEPHY2108	Psychology of physical and sports activities [C]		(FR) [q2] [30h] [4 Credits] 🌐	X	
○ LEPHY2106	Motor skills data collection method [C]		(FR) [q1] [22.5h] [3 Credits] 🌐	X	
○ LFSM1301	Data analysis methodology [C]		(FR) [q2] [22.5h+22.5h] [4 Credits] 🌐	X	
○ LFSM1314	Adapted physical and sports activities [C]		(FR) [q2] [22.5h+30h] [4 Credits] 🌐	X	
○ LEPHY2104	Ethics and professional conduct in sport [C]		(FR) [q1] [22.5h] [3 Credits] 🌐	X	
○ LEPHY2105	Communication [C]		(FR) [q1] [15h+15h] [3 Credits] 🌐	X	
○ LEPHY2201	Nutrition for physical activity and sport [C]		(FR) [q1] [22.5h+7.5h] [3 Credits] △ 🌐		X
○ LEPHY2202	Fundamentals of sports entrepreneurship [C]		(FR) [q1] [22.5h] [3 Credits] △ 🌐		X
○ LEPHY2203	Interdisciplinary project in motor sciences [C]		(FR) [q1] [15h+15h] [5 Credits] △ 🌐		X
○ LEPHY2204	Theories of physically active lifestyle interventions [C]		(FR) [q1] [30h] [4 Credits] △ 🌐		X
○ LEDPH2137	research methodology in movement sciences	Dominique De Jaeger (coord.) Sophie Patris	(FR) [q1] [30h] [4 Credits] 🌐	X	

○ Mémoire (20 crédits) (20 credits)

○ LEPHY2200	Memory [C]		(FR) [q2] [] [15 Credits] △ 🌐		X
○ LEPHY2100	Supporting the dissertation [C]		(FR) [q2] [] [5 Credits] 🌐		X

LIST OF FOCUSES

The aims below are strictly reserved for students starting their Master's degree in motor sciences in 2025-2026

- **Coaching and Physical Activity**

Prepares students to supervise a wide range of people in order to improve their sporting performance or health, and can be complemented by the 'Advanced training and physical activity' option.

- **Sport Management major**

Offers educational experience in sport management, covering governance, leadership, strategy, marketing and the management of human resources and sports events. It is associated with the 'Advanced Sport Management' option.

From September 2025, to train you to teach from the 4th year of secondary education, students will take either

- either a section 4 master's degree in teaching (120 credits), after a bachelor's degree in a subject (180 credits)
- or a section 5 master's degree in teaching (60 credits), following a bachelor's degree in a subject (180 credits) and a master's degree in a subject (60 or 120 credits).

For more information on [the reformed initial teacher training](#), see here .

One focus among :

> [Professional Focus: Training, Physical Activity and Health](#) [en-prog-2025-edph2m-ledph204s]

> [Professional Focus : Sports Management](#) [en-prog-2025-edph2m-ledph260s]

PROFESSIONAL FOCUS: TRAINING, PHYSICAL ACTIVITY AND HEALTH [30.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2025-2026
- ⊖ Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Content:

○ LEPHY2150	Mixed course (120h) [C]		FR [q1] [15h] [6 Credits] 🌐	X	
○ LEPHY2152	Data Science for Sports and Physical Activities [C]		FR [q2] [22.5h+15h] [3 Credits] 🌐	X	
○ LKNR1203	Palpatory anatomy [C]		FR [q1] [7.5h+30h] [3 Credits] 🌐	X	
○ LKNR1207	Introduction to pathology [C]		FR [q2] [30h] [3 Credits] 🌐	X	
○ LKNR2104	Exercise medecine [C]		FR [q1] [37.5h] [4 Credits] △ 🌐		X
○ LEPHY2251	Psychomotor education for children [C]		FR [q1] [22.5h+15h] [3 Credits] △ 🌐		X
○ LEPHY2252	Prevention, pathology and rehabilitation [C]		FR [q1] [37.5h+30h] [5 Credits] △ 🌐		X
○ LEPHY2255	Physiology of children, women and the elderly [C]		FR [q2] [22.5h] [3 Credits] △ 🌐		X

PROFESSIONAL FOCUS : SPORTS MANAGEMENT [30.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2025-2026
- ⊙ Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫🌐 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Content:

○ LEPHY2110	Stage 1 (150h) [C]		(FR) [q1] [15h] [6 Credits] 🌐	X
○ LEPHY2111	Strategy for sports organisations [C]		(FR) [q1] [22.5h+15h] [4 Credits] 🌐	X
○ LEPHY2112	Professionalisation of sports organisations [C]		(FR) [q2] [30h+7.5h] [5 Credits] 🌐	X
○ LEPHY2211	Governance and leadership in sport [C]		(FR) [q1] [30h+15h] [5 Credits] △ 🌐	X
○ LEPHY2212	Contemporary issues in sport management [C]		(FR) [q2] [30h+15h] [5 Credits] △ 🌐	X
○ LLSMF2905	Corporate Social Responsibility	Corentin Hericher Valérie Swaen	(FR) [q1] [22.5h+7.5h] [5 Credits] 🌐	X

OPTIONS [30.0]

The programme presented on these pages is aimed at students starting the reformed Master's degree in 2025-2026.

Specialization in Training, Physical Activity and Health

Requires the associated objective and focuses on supervision and physical training.

Specialization in Sports Management

Requires the associated objective and develops skills in management and leadership within the sports sector.

Interdisciplinary Training in Entrepreneurship (INEO)

Enables the development of entrepreneurial skills in the sports field.

Motor Skills and Pathology

Provides direct access to the third year of the Kinesiology and Rehabilitation program, focusing on the management of motor pathologies. Management students who choose the option 'Motoricity and Pathology' and who plan to study Physiotherapy after their Master's degree will need to add the following 2 units to their programme in order to complete the Bachelor's degree in Physiotherapy in one year: LKNR1203 - Palpatory Anatomy, LKNR1207 - Introduction to Pathology.

Research

Offers advanced initiation into scientific research in the field of motor sciences.

One option to choose from below.

- > [Advanced option in training, physical activity and health](#) [en-prog-2025-edph2m-lephy120o]
- > [Advanced option in sports management](#) [en-prog-2025-edph2m-lephy130o]
- > [Option motricité et pathologie](#) [en-prog-2025-edph2m-ledph206o]
- > [Research option](#) [en-prog-2025-edph2m-lephy210o]
- > [INEO - Formation interdisciplinaire en entrepreneuriat](#) [en-prog-2025-edph2m-ledph207o]

ADVANCED OPTION IN TRAINING, PHYSICAL ACTIVITY AND HEALTH [30.0]

This option is only available to students who have chosen the specialised degree in training, physical activity and health.

- Mandatory
- ⊗ Optional
- △ Not offered in 2025-2026
- ⊙ Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

○ Advanced option in training, physical activity and health

○ LEPHY2120	Epidemiology of physical activity and sport [C]		FR [q1] [30h] [4 Credits] 🌐	X	
○ LEPHY2121	Training the metabolic determinants of performance [C]		FR [q1] [22.5h+15h] [3 Credits] 🌐	X	
○ LEPHY2122	Bodybuilding and physical preparation [C]		FR [q2] [15h+30h] [3 Credits] 🌐	X	
○ LEPHY2123	Neuroscience and applied biomechanics: motor control and learning [C]		FR [q2] [37.5h+15h] [5 Credits] 🌐	X	
○ LEPHY2220	Sports analytics [C]		FR [q1] [22.5h+15h] [3 Credits] △ 🌐		X
○ LEPHY2221	Guest speaker [C]		FR [q2] [22.5h] [3 Credits] △ 🌐		X
○ LEPHY2222	Specific course (225h) [C]		FR [q2] [15h] [9 Credits] △ 🌐		X

ADVANCED OPTION IN SPORTS MANAGEMENT [30.0]

This option is only available to students who have chosen the specialised sports management option.

- Mandatory
- ✘ Optional
- △ Not offered in 2025-2026
- ⊙ Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Content:

● LEPHY2140	Sustainable management of sports infrastructures and events [C]		[FR] [q1] [30h+30h] [5 Credits] 🌐	X	
● LEPHY2141	Human Resources Management in Sport [C]		[FR] [q2] [22.5h+15h] [3 Credits] 🌐	X	
● LEPHY2142	Sports marketing and media [C]		[FR] [q2] [22.5h+15h] [3 Credits] 🌐	X	
● LPOLS1112	Accounting of the Non-Market Sector [M]	Karine Cerrada Cristia	[FR] [q2] [30h+15h] [4 Credits] 🌐	X	
● LEPHY2240	International sport policy and politics [C]		[EN] [q1] [30h] [5 Credits] △ 🌐		X
● LEPHY2241	Internship 2 (260h) [C]		[FR] [q2] [15h] [10 Credits] △ 🌐		X

OPTION MOTRICITÉ ET PATHOLOGIE [30.0]

- Mandatory
- ⊗ Optional
- △ Not offered in 2025-2026
- ⊖ Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🌐 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

Year

1 2

o Content:

● LKNR1202	Basics of physical therapy [C]		(FR) [q1] [30h+67.5h] [6 Credits] 🌐	X	
● LKNR1105	Evidence based practice (EBP) / Clinical reasoning 1		(FR) [q2] [30h] [3 Credits] 🌐	X	
● LKNR1204	Pathologies and physiotherapy of the musculoskeletal system [C]		(FR) [q2] [45h+37.5h] [7 Credits] 🌐		X
● LKNR1205	Pathologies and physiotherapy of the cardio-respiratory system [C]		(FR) [q2] [45h+22.5h] [5 Credits] 🌐	X	
● LKNR1206	Nervous system pathologies and physiotherapy [C]		(FR) [q2] [30h+37.5h] [5 Credits] 🌐		X
● LKNR1208	Geriatrics [C]		(FR) [q1] [22.5h] [2 Credits] 🌐		X
● LKNR1209	Psychiatry [C]		(FR) [q1] [22.5h] [2 Credits] 🌐		X

RESEARCH OPTION [30.0]

- Mandatory
- ✘ Optional
- △ Not offered in 2025-2026
- Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

The research option prepares students for scientific research and provides general training in the profession of researcher. Students design their programme in line with the research project they will be carrying out in a laboratory under the supervision of their supervisor.

The themes are numerous and contribute to a better understanding of movement and the practices and techniques designed to improve it.

To register for the research option, you must have a promoter and complete a training programme with him or her. This training programme will become your agreement and will form part of your annual programme (PAE).

Steps to follow:

Contact Pr B. Schepens (benedicte.schepens@uclouvain.be) to request the agreement document. Complete the agreement document under the supervision of your sponsor and return it to Prof. Schepens for review. If necessary, you will be asked to amend it and resend it. As soon as the agreement has been validated, you will be informed and will be able to register online.

Translated with DeepL.com (free version)

Without these steps, the Faculty will not validate advanced registrations.

You must begin the process of validating your agreement no later than the first Monday in September.

Year

1 2

Content:

○ LEPHY2160	Research placement in motor sciences part 1 (300h) [C]	(FR) [q1+q2] [0h+82.5h] [10 Credits] 🌐	x
○ LEPHY2161	Seminars in the host laboratory, part 1 [C]	(FR) [q1+q2] [82.5h] [5 Credits] 🌐	x
○ LEPHY2260	Research placement in motor sciences part 2 (300h) [C]	(FR) [q1+q2] [0h+75h] [10 Credits] △ 🌐	x
○ LEPHY2261	Seminars in the host laboratory, part 2 [C]	(FR) [q1+q2] [82.5h] [5 Credits] △ 🌐	x

INEO - FORMATION INTERDISCIPLINAIRE EN ENTREPRENEURIAT [30.0]

INEO is an option offered in 30 master's programs in 9 UCLouvain faculties. It involves the production of an interfaculty dissertation (as a team) on a business creation project. Access to this option (as well as to each of the courses) is limited to students selected on file. All information on <https://uclouvain.be/en/study/ineo>.

- Mandatory
- ✘ Optional
- △ Not offered in 2025-2026
- Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

INEO is an option offered in 30 Masters programmes in 9 faculties at UCLouvain. It involves writing an interfaculty dissertation (as part of a team) on a business start-up project. Access to this option (and to each of the courses) is limited to students selected on the basis of a portfolio. For more information, visit <https://uclouvain.be/fr/etudier/ineo>.

o INEO - Interdisciplinary training in entrepreneurship [30.0]

INEO is an option offered in 30 Masters programmes in 9 faculties at UCLouvain. It involves writing an interfaculty dissertation (as part of a team) on a business start-up project. Access to this option (and to each of the courses) is limited to students selected on the basis of a portfolio. For more information, visit <https://uclouvain.be/fr/etudier/ineo>.

○ LINEO2001	Théorie de l'entrepreneuriat	Frank Janssen	FR [q1] [30h+20h] [5 Credits] 🌐	X
○ LINEO2002	Aspects juridiques, économiques et managériaux de la création d'entreprise	Yves De Cordt	FR [q1] [30h+15h] [5 Credits] 🌐	X
○ LINEO2003	Plan d'affaires et étapes-clefs de la création d'entreprise Les séances du cours LINEO2003 sont réparties sur les deux blocs annuels du master. L'étudiant doit les suivre dès le bloc annuel 1, mais ne pourra inscrire le cours que dans son programme de bloc annuel 2.	Frank Janssen	FR [q2] [30h+15h] [5 Credits] 🌐	X
○ LINEO2004	Séminaire d'approfondissement en entrepreneuriat	Frank Janssen	FR [q2] [30h+15h] [5 Credits] 🌐	X
○ LINEO2021	Financer son projet		FR [q2] [30h+15h] [5 Credits] 🌐	X

o Cours au choix

Un cours à choisir parmi les cours proposés ci-dessous.

⊗ LINEO2005	Social and Sustainable Entrepreneurship		EN [q2] [30h] [5 Credits] 🌐	X
⊗ LLSMS2014	Entrepreneurial Finance	Quentin Colmant James Thewissen	EN [q1] [30h] [5 Credits] 🌐	X
⊗ LLSMS2080	International Entrepreneurship Inclus une semaine aux États-Unis (avant les vacances de Pâques) - Sélection des étudiants sur dossier.	Frank Janssen	FR [q2] [30h+30h] [5 Credits] 🌐	X
⊗ LLSMS2081	Strategic Management of Start ups		FR [q2] [30h+30h] [5 Credits] 🌐	X
⊗ LSST1001	IngénieuxSud	Stéphanie Merle Jean-Pierre Raskin	FR [q1+q2] [15h+45h] [5 Credits] 🌐	X
⊗ LEPL2021	Innovation classes for transition and sustainable development		FR [q1] [30h+15h] [5 Credits] 🌐	X
⊗ LEPL2022	Health Innovation Classes [C]		FR [q2] [30h+30h] [5 Credits] 🌐 > French-friendly	X

Supplementary classes

To access this Master, students must have a good command of certain subjects. If this is not the case, in the first annual block of their Masters programme, students must take supplementary classes chosen by the faculty to satisfy course prerequisites.

- Mandatory
- ⊗ Optional
- △ Not offered in 2025-2026
- ⊙ Not offered in 2025-2026 but offered the following year
- ⊕ Offered in 2025-2026 but not the following year
- △ ⊕ Not offered in 2025-2026 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

o Cours du 2e bloc annuel du programme de bachelier en sciences de la motricité

○ LFSM1003	Anatomy of the locomotor system and movement analysis	Catherine Behets Wydemans (coord.) Arthur Dewolf	FR [q2] [52.5h] [6 Credits] 🌐
○ LFSM1201	Cellular physiology and biochemistry [C]		FR [q1] [37.5h] [4 Credits] 🌐
○ LFSM1202	Systems physiology [C]		FR [q2] [30h] [3 Credits] 🌐
○ LFSM1203	Fundamentals of neurophysiology [C]		FR [q1] [45h] [4 Credits] 🌐
○ LEPHY1248	Economic, institutional and legal foundations of sport [C]		FR [q2] [30h] [4 Credits] 🌐
○ LANGL1851A	English for physiotherapists and physical educators - A		EN [q1] [15h] [2 Credits] 🌐 > French-friendly
○ LANGL1851B	English for physiotherapists and physical educators - B		EN [q2] [30h] [2 Credits] 🌐

o Cours du 3e bloc annuel du programme de bachelier en sciences de la motricité

○ LEDPH1046	Psychomotor development throughout life		FR [q1] [30h] [3 Credits] 🌐
○ LEDPH1049	Socio-historical and ethical dimension of physical and sports activities	Sebastiaan de Geus (coord.) Dries Vanysacker	FR [q1] [37.5h] [3 Credits] 🌐
○ LIEPR1025	Physiology and biochemistry of exercise and nutrition		FR [q2] [75h+7.5h] [8 Credits] 🌐

o Cours pratiques du 2ème bloc annuel du bachelier en sciences de la motricité

○ LEPHY1221	Expression [C]		FR [q2] [0h+30h] [2 Credits] 🌐
○ LEPHY1222	Swimming 2 [C]		FR [q1] [0h+30h] [2 Credits] 🌐
○ LEPHY1223	Athletics 2 [C]		FR [q1] [0h+30h] [2 Credits] 🌐
○ LEPHY1225	Gymnastics and acrobatic sports [C]		FR [q2] [0h+30h] [2 Credits] 🌐 > English-friendly
○ LEPHY1230	Games and team sports part 1 [C]		FR [q1] [0h+30h] [2 Credits] 🌐
○ LEPHY1231	Games and team sports part 2 [C]		FR [q2] [0h+30h] [2 Credits] 🌐

Course prerequisites

There are no prerequisites between course units (CUs) for this programme, i.e. the programme activity (course unit, CU) whose learning outcomes are to be certified and the corresponding credits awarded by the jury before registration in another CU.

The programme's courses and learning outcomes

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the skills expected of every graduate on completion of the programme. Course unit descriptions specify targeted learning outcomes, as well as the unit's contribution to reference framework of learning outcomes.

EDPH2M - Information

Access Requirements

Master course admission requirements are defined by the French Community of Belgium Decree of 7 November 2013 defining the higher education landscape and the academic organisation of courses.

General and specific admission requirements for this programme must be satisfied at the time of enrolling at the university.

Unless explicitly mentioned, the bachelor's, master's and licentiate degrees listed in this table or on this page are to be understood as those issued by an institution of the French, Flemish or German-speaking Community, or by the Royal Military Academy.

In the event of the divergence between the different linguistic versions of the present conditions, the French version shall prevail.

SUMMARY

- > [General access requirements](#)
- > [Specific access requirements](#)
- > [University Bachelors](#)
- > [Non university Bachelors](#)
- > [Holders of a 2nd cycle University degree](#)
- > [Holders of a non-University 2nd cycle degree](#)
- > [Access based on validation of professional experience](#)
- > [Access based on application](#)
- > [Admission and Enrolment Procedures for general registration](#)

University Bachelors

Diploma	Special Requirements	Access	Remarks
UCLouvain Bachelors			
Bachelor in Motor skills : General		Direct access	
Others Bachelors of the French speaking Community of Belgium			
Bacheliers universitaires en sciences de la motricité		Direct access	
Bachelors of the Dutch speaking Community of Belgium			
Bacheliers universitaires en sciences de la motricité		Access based on application	
Foreign Bachelors			
Bacheliers universitaires en sciences de la motricité		Access based on application	

Non university Bachelors

> Find out more about [links](#) to the university

Diploma	Access	Remarks
BA - AESI orientation Education physique - crédits supplémentaires entre 45 et 60 BA - éducateur(trice) spécialisé(e) en activités socio-sportives - crédits supplémentaires entre 45 et 60 BA de spécialisation en psychomotricité - crédits supplémentaires entre 45 et 60	Les enseignements supplémentaires éventuels peuvent être consultés dans le module complémentaire .	Type court

Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
"Licenciés"			
		Access based on application	
Masters			

[Access based on application](#)

Holders of a non-University 2nd cycle degree

Access based on validation of professional experience

> It is possible, under certain conditions, to use one's personal and professional experience to enter a university course without having the required qualifications. However, validation of prior experience does not automatically apply to all courses. Find out more about [Validation of priori experience](#).

Les adultes avec une expérience professionnelle pourront s'inscrire au programme sur base d'une procédure d'admission individualisée.

Access based on application

Access based on application : access may be granted either directly or on the condition of completing additional courses of a maximum of 60 ECTS credits, or refused.

Admission and Enrolment Procedures for general registration

Teaching method

The Master's degree in Motor Sciences - Physical Education focuses on the pursuit of learning and the deepening of knowledge and know-how in various fields of application (human sciences, research training, biomedical sciences and practical training). This teaching takes a variety of forms: lectures, practical classes in small groups, personal work and projects, and work placements.

In a training programme where the sharing of knowledge and know-how are central (as an instructor or a sports manager), the Master's student is guided along the path of individual development of attitudes and values specific to the sharing of skills.

The programme is based on eight disciplinary and cross-disciplinary learning outcomes. In the Master's programme in physical education, these are broken down into learning outcomes with a view to training in the sharing of learning outcomes.

The alternation, specific to physical education training, between scientific training and training in the practice of physical activities and sport uses a range of teaching methods, from the purely theoretical individual approach to the construction of knowledge and know-how as part of a team.

The bachelor's degree in physical education makes students players in their own training and co-actors in the training of their peers. Alternative teaching approaches (project work, seminars, work placements, etc.) are particularly developed in the context of the aims and options followed by the student.

KNOWLEDGE

Half of the Master's programme is devoted to continuing the education begun in the Bachelor's programme. The emphasis is on the student's ability to put into practice the knowledge and skills acquired in the bachelor's programme with a view to passing them on to others as an instructor.

LINKED TO KNOW-HOW

Practical courses in physical education and sport promote the construction of didactic know-how in the various disciplines of physical education and sport. This objective is achieved through interaction between the student, the experts in the field who supervise him/her in this part of the training and the knowledge developed in the various scientific disciplines of the programme.

The use of experts in the field is a guarantee that the expected learning outcomes are in line with society's current expectations.

THROUGH AIMS AND OPTIONS

The other half of the course is devoted to specific subjects (sports management or training, physical activity and health) and options (further study in sports management, further study in training and physical activity, motricity and pathology, interdisciplinary training in entrepreneurship, research). Here, students compare their general education with the requirements of specific sectors.

As well as developing specialised knowledge in these areas, through work placements with recognised professionals they build up a range of know-how specific to the career paths opened up by these majors and options.

AND A THESIS

By writing a dissertation, students will be able to specialise in a specific field either through bibliographical research or through experimental work in the laboratory or in the field, thanks to close collaboration and a privileged learning relationship with their supervisor.

Evaluation

The evaluation methods comply with the [regulations concerning studies and exams](#). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".

Throughout the Master's programme, lecturers provide students with learning tools via the Moodle platform.

Examinations are organised in two main sessions: one in January and the other in June. The September session is a make-up session.

For theory courses, assessment is based on a written or oral examination, depending on the course, and may be combined with and/or replaced by continuous assessment elements.

Within the framework of the finalities and options, the theoretical courses are combined with placements giving rise to reflective work in the form of reports.

For practical training, assessment is continuous and may be supplemented by a final assessment. The emphasis is on behavioural skills, which are central to a training programme geared towards skills-sharing professions.

In some practical training courses, quiz(s) and/or a final exam are also organised to check the acquisition of knowledge directly associated with the know-how specific to physical and sports activities.

For the purposes of calculating the average, the marks obtained for are weighted by their respective credits.

Mobility and/or Internationalisation outlook

During your Master's degree, you will have the opportunity to spend part of your course in a foreign country, thanks to the many international partnerships developed by the FSM under the ERASMUS and MERCATOR agreements.

Possible trainings at the end of the programme

Advanced Masters : none

Doctoral programmes : doctorate in motor skills

Contacts

Curriculum Management

Faculty

Structure entity

Denomination

Sector

Acronym

Postal address

SSS/FSM

Faculty of Movement and Rehabilitation Sciences ([FSM](#))

Health Sciences ([SSS](#))

FSM

Place Pierre de Coubertin 1 - bte L8.10.01

1348 Louvain-la-Neuve

Tel: [+32 \(0\) 10 47 44 19](tel:+322474419) - Fax: [+32 \(0\) 10 47 31 06](tel:+322473106)

Mandate(s)

- Dean : [Marc Francaux](#)

Commission(s) of programme

- Commission d'encadrement en éducation par le mouvement ([EDPM](#))
- Commission d'encadrement en sport, exercices physiques et santé ([EXRC](#))
- Commission d'encadrement en physiologie et biomécanique de la locomotion ([LOCO](#))
- Commission d'encadrement en réadaptation et médecine physique ([READ](#))

Academic supervisor: [Louise Deldicque](#)

Jury

- Président de jury: [Patrick Henriet](#)
- Secrétaire de jury: [Dominique De Jaeger](#)

Useful Contact(s)

- Contact administratif: [Emmanuel Ugeux](#)

