UCLouvain

EDPH1BA

2024 - 2025

Bachelor in Motor skills : General

At Louvain-la-Neuve - 180 credits - 3 years - Day schedule - In French
Dissertation/Graduation Project : **NO** - Internship : **YES**
Activities in English: **YES** - 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: **EDPH1BA** - Francophone Certification Framework: 6

Table of contents

EDPH1BA - Teaching profile

Learning outcomes

The programs of the FSM are currently being reformed.

Are you enrolling for the first time in the first year of bachelor's in 2024-25? This page is for you.

Did you enroll in this program *before* 2024-25? For the ' Learning outcomes' section intended for you, refer to the program published in 2023-24.

The challenge that the bachelor's student in motor skills, general orientation is preparing to take on is to train as best as possible to tackle the training offered in the master's degree in motor skills, physical education orientation organized by the Faculty of Motor Sciences. motor skills.

The objective is to acquire the knowledge and skills necessary to become men and women attentive to the needs that our society experiences in terms of movement.

The bachelor's program allows the student to acquire knowledge and skills that will enable them to

• critically analyze the characteristics of the movement and its effects

• identify and analyze the specificities of target audiences, particularly in terms of age and motor, physiological, psychological or sociological characteristics,

• is able to communicate what he or she has learned appropriately.

During his bachelor's program, the future graduate in physical education will have developed his training project and his personal project which he will continue during his master's program with increasing autonomy.

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

1) Intervention

Identify, analyze and put into practice the intervention processes (prepare, observe, analyze, give and evaluate) in the field of physical and sporting activity in situations close to the professional context but delimited and fictitious, by mobilizing knowledge specialized scientists and appropriate technologies, with regard to the context and the objectives sought.

1.1 Analyze a given context (sectors, actors, etc.) in the world of sport, physical education and physical activity in order to intervene in a fictitious way.
1.2 Exercising your own physical and sporting activity at a level of mastery allowing for the expertise in movement necessary for your future professional practice.
1.3 Design and plan a relevant intervention with regard to the objectives of the problem.
1.4 Carry out the intervention in a relevant manner with regard to the objectives of the problem.
1.5 Carry out the intervention in a relevant manner with regard to the objectives of the problem.
1.6 Integrate innovative practices including new technologies into its interventions in an adjusted manner.
1.7 Through or among the different stages of the intervention process (prepare, observe, analyze, give and evaluate), identify the issues of social and environmental transition and understand their interdependence.
1.8 Be able to superp x9[(1.to(of so able to superp x9[(1pe nrve, aninto Qepate8ve al act5d e2)r.)] T wo res prograb41ation drocesses (prep ,5r.)aount te

4.2 Dialogue effectively and appropriately with your peer(s) and teachers, demonstrating listening skills, empathy and assertiveness.
4.3 Effectively use different techniques and various oral communication tools (visual supports, presentation, verbal and body language, etc.).
4.4 Communicate your message in writing appropriately depending on the situation (peer/teacher, type of message, type of communication channel, objective of the message, etc.).
4.5 Express a message in a clear and structured way, in English and/or Dutch, adapting to the target audience and respecting context-specific communication standards.
4.6 Construct an argument: understand the needs and points of view of your peers, put forward your arguments in an appropriate, relevant and convincing way, be able to identify points of agreement.

5) Teamwork

Integrate and collaborate within a mono- or interdisciplinary team activity linked to motor skills sciences.

5.1 Understand your position and role, your field of action and expertise with regard to a problem in a given context within a mono- or interdisciplinary team.
5.2 Decode the behaviors of the members of a team to which he contributes, the activities associated with them and the impact of the context on group dynamics in order to adapt to them.
5.3 Integrate and be able to collaborate within a team, be open and take into consideration different points of view and ways of thinking, constructively manage differences and conflicts, embrace diversity

6) Project management

Define and manage a motor science project 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 challenges and purposes of the project as well as the constraints that characterize its environment.
6.2 Clearly define the project objectives and define the expected result indicators by associating milestones for each stage of the process.
6.3 Organize, manage and control the process: structure and define the schedule of tasks to be carried out; identify and allocate human and material resources; coordinate tasks; take into account the constraints and risks to be anticipated.

7) Deontology and ethics

Act as a responsible and reflective actor by developing professional know-how and interpersonal skills while respecting the ethics and deontology specific to motor skills sciences.

7.1 Know the ethical and professional framework linked to your future professional practice, with specific attention to the accuracy of the relationship with the body.
7.2 Develop intellectual independence in reasoning, take a critical and reflective look at knowledge (academic and common sense) and practical knowledge, taking into account their context of emergence and their purposes.
7.3 Demonstrate distancing from your prejudices and decenter yourself from your own point of view and cultural values.
7.4 Become aware of and ref0 -1 0 53e 0 5dt6g1g a y,hile resones lawurces andv atten 5dca cze osolistactivent aue dooronsues.6terpersocal and profes

It is through the study of movement that the Faculty of Motor Sciences (FSM) asserts its specificity within the university and society.
At the start of their studies in physical education, students share their general training with physiotherapy and rehabilitation students. This partial equivalence of training facilitates any reorientation.

Studies in physical education are based on the mastery of physical activities and sports disciplines, as well as on the theoretical knowledge on which this practical training is based. The Bachelor's degree in physical education totals 180 credits divided, according to a standard programme, into 3 blocks of 60 credits each.

This division into three annual blocks takes into account the prerequisites and presents a typical pathway for students who successfully complete each year of their training. The programme consists of a major of 150 credits and a minor of 30 credits, chosen by the student from the FSM or another faculty.

Main subjects

The teaching provided during the bachelor's degree course in motor sciences, general orientation, finds its richness and specificity in its multiple roots. From the first year of study, the standard programme offers specific practical training for physical education students. From the second annual block of the bachelor's programme, the standard programme offers students choices to enrich their training in sports practice (15 credits per year).
With around twenty hours of classes per week, the programme gives students the time they need for study and personal training.

- Training in exact, biomedical, human and social sciences, motor sciences (shared with physiotherapy):
- Anatomy and movement analysis - Biology - Chemistry - Critical thinking - Physics - Biomechanics - Neurophysiology - Philosophy - Physiology - Psychology.
- Training in motor sciences specific to physical education:

  Introduction to physical activity and health - Sport and society - Theoretical foundations of training - Lifelong personal development - Socio-historical, legal, economic and institutional dimensions of physical activities and sport - Communication techniques in physical education - Fundamentals of motor learning - Health promotion through physical activity - Introduction to sport management.
- Practical and pedagogical training specific to physical education :

  Physical, sporting and expressive activities: Athletics - Dance and expressive activities - Gentle techniques - Artistic gymnastics and acrobatic sports - Games and team sports - Swimming - Didactics of physical and sporting activities.
- Language training : English compulsory and Dutch optional.

EDPH1BA Programme

Detailed programme by subject

The programs of the FSM are currently undergoing reforms.

Are you enrolling for the first time in the first year of bachelor's in 2024-25 ? Only the 1st annual unit specified on this page is intended for you. To view your program in 2nd and 3rd annual unit, click here.

Did you enroll in this program *before* 2024-25 ? Only the 2nd and 3rd annual units on this page are intended for you. To see your complete program, refer to the program published in 2023-24.

- Mandatory
- Optional
- Not offered in 2024-2025
- Not offered in 2024-2025 but offered the following year
- Offered in 2024-2025 but not the following year
- Not offered in 2024-2025 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...)

3

Year
1 2 3

Programme de base (150 credits)

Formation de base en sciences exactes et biomédicales (58 credits)

LFSM1101	

			Year 1 2 3
LFSM1102	Essentials of systematic and functional anatomy	Catherine Behets Wydemans (coord.) Antoine Chretien Ludovic Kaminski	

Year

List of available minors

The 150 credits obtained from the compulsory studies are completed by 30 credits from personalised courses that the student selects from among several options.

From the second year of the Bachelor's programme on, the student may therefore opt for any of the following :

- for a collection of options and associated work experience which complements the practical sports training : From audacity in

LEDPH1041 "Didactique de la danse et des activités d'expression" has prerequisite(s) LEDPH1029 ET LEDPH1021 ET LIEPR1022

- LEDPH1029 - Communication, observation and auto-evaluation in physical education
- LEDPH1021 - Expression
- LIEPR1022 - Systems Physiology

LEDPH1042 "Didactique de la natation" has prerequisite(s) LEDPH1029 ET LEDPH1022 ET LIEPR1022

- LEDPH1029

The programme's courses and learning outcomes

For each UCLouvain training programme, a reference framework of learning outcomes specifies the 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.

Detailed programme per annual block

EDPH1BA - 1ST ANNUAL UNIT

- Mandatory
- Optional
- Not offered in 2024-2025
- Not offered in 2024-2025 but offered the following year
- Offered in 2024-2025 but not the following year
- Not offered in 2024-2025 or the following year
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Click on the course title to see detailed informations (objectives, methods, evaluation...)

Programme de base

Formation de base en sciences exactes et biomédicales

LFSM1101	General chemistry and biomolecules	Pa t	[FR] [q1] [37.5h] [4 Credits]
LFSM1102	Essentials of systematic and functional anatomy	Catherine Behets Wydemans (coord.) Antoine Chretien Ludovic Kaminski	[FR] [q1] [37.5h] [5 Credits]
LFSM1103	Critical thinking and scientific posture	Julie Duque	[FR] [q1] [37.5h] [4 Credits]
LFSM1104	Biology and fundamentals in histology	Catherine Behets Wydemans Patrick Henriet	[FR] [q2] [45h] [5 Credits]
LFSM1105	Physics	Laurent Francis Dimitri Lederer Vincent Legat	[FR] [q1] [37.5h +15h] [5 Credits]
LFSM1109	Biomechanics and analysis of the musculoskeletal system	Arthur Dewolf	[FR] [q2] [45h +15h] [5 Credits]
LIEPR1003	Treatment of data *Ce cours ne sera pas organisé en 2024-2025 car il ne fait plus partie du nouveau programme mis en place dès la rentrée. Il reste cependant répertorié dans le catalogue par obligation technique pendant la période de transition.*	Yannick Bleyenheuft	[FR] [q2] [15h+15h] [4 Credits] △

Formation de base en sciences humaines

LFSM1106	Philosophy and ethics in motor science	Jacob Schmutz	[FR] [q1]

EDPH1BA - 2ND ANNUAL UNIT

- Mandatory
- Optional
- Not offered in 2024-2025
- Not offered in 2024-2025 but offered the following year
- Offered in 2024-2025 but not the following year
- Not offered in 2024-2025 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...)

Programme de base

Formation de base en sciences exactes et biomédicales

LFSM1003	Anatomy of the locomotor system and movement analysis	Catherine Behets Wydemans (coord.) Arthur Dewolf	FR [q2] [52.5h] [7 Credits]
LIEPR1021	Cellular physiology	Marc Francaux	FR [q1] [30h] [3 Credits]
LIEPR1022	Systems Physiology	Nicolas Tajeddine	FR [q2] [37.5h] [4 Credits]

Formation théorique en sciences de la motricité

LEDPH1028	

Formation en langues

Cours au choix

- For any secondary school diploma **from a European Union country**, the admission request must contain the equivalence of your diploma or, at the very least, proof of the filing of the equivalence request with the Wallonia-Brussels Federation (French Community of Belgium). For any information relating to obtaining an equivalence, please refer to the following site.
- For any secondary school diploma **from a country outside the European Union**, the admission application must contain the equivalence of your diploma issued by the Wallonia-Brussels Federation (French Community of Belgium). If you have a restrictive equivalence for the programme of your choice, in addition of it, you **must** have either the DAES or a certificate of successful completion of the examination giving access to 1st cycle studies when you submit your application

Access based on validation of professional experience

Admission to undergraduate studies on the basis of accreditation of knowledge and skills obtained through professional or personal experience (Accreditation of Prior Experience)

Subject to the general requirements laid down by the authorities of the higher education institution, with the aim of admission to the undergraduate programme, the examination boards accredit the knowledge and skills that students have obtained through their professional or personal experience.

This experience must correspond to at least five years of documented activity, with years spent in higher education being partially taken into account: 60 credits are deemed equivalent to one year of experience, with a maximum of two years being counted. At the end of an assessment procedure organized by the authorities of the higher education institution, the Examination Board will decide whether a student has sufficient skills and knowledge to successfully pursue undergraduate studies.

After this assessment, the Examination Board will determine the additional courses and possible exemptions constituting the supplementary requirements for the student's admission.

Special requirements to access some programmes

- Admission to **undergraduate studies in engineering: civil engineering and architect**

  Pass certificate for the special entrance examination for undergraduate studies in engineering: civil engineering and architect.

  Admission to these courses is always subject to students passing the special entrance examination. Contact the faculty office for the programme content and the examination arrangements.
- Admission to **undergraduate studies in veterinary medicine**

  Admission to undergraduate studies in veterinary medicine is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses (non-residents).
- Admission to **undergraduate studies in physiotherapy and rehabilitation**

  Admission to undergraduate studies in physiotherapy and rehabilitation is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses (non-residents).
- Admission to **undergraduate studies in psychology and education: speech and language therapy**

  Admission to undergraduate studies in psychology and education: speech and language therapy is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses (non-residents).
- Admission to **undergraduate studies in medicine and dental science**

  Admission to undergraduate studies in medecine and dental science is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses (non-residents).

  Note: students wishing to enrol for a **Bachelor's degree in Medicine** or a **Bachelor's degree in dental science** must first sit an aptitude test (fr).
- Access to **Bachelor of Science in Business Engineering**

  The Bachelor of Science in Business Engineering is a joint program organised by KU Leuven and UCLouvain Saint-Louis Bruxelles. In order to register, all candidate must first submit an application via the KU Leuven admission platform. The conditions of access to this programme are specific.

Teaching method