

At Louvain-la-Neuve - 60 credits - 1 year - Day schedule - In FrenchDissertation/Graduation Project : **YES** - Internship : **YES**Activities in English: **NO** - 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: **KINE2M1** - Francophone Certification Framework: 7**Table of contents**

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KINE2M1 - Introduction

Introduction

KINE2M1 - Teaching profile

Learning outcomes

Physiotherapy is, literally, 'treatment through movement'. As the profession has developed, physiotherapists are not only called on to treat problems in movement, but also neurological, respiratory and cardiac problems.

By the end of the course, students in physiotherapy will have acquired the skills enabling him to restore, in the best way possible, the functional capacities of a sick, injured or handicapped person.

The training is also designed to develop a critical attitude based on solid scientific knowledge which enables graduates to justify their professional practices and update them. Training in rehabilitation will also enable them to suggest appropriate solutions for reintegrating handicapped people into their family, social and professional environments.

The Master in Physiotherapy and Rehabilitation is centred on acquiring and developing specific skills in physiotherapy in various areas of application (orthopaedic, neurological, respiratory, uro-gynaecological, cardio-vascular, psychiatric, pediatric, geriatric etc). Graduates are awarded the professional status of physiotherapist in the French Community of Belgium.

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

1. maîtriser de manière intégrée des savoirs et des savoir-faire complexes (méthodologiques, techniques et pratiques), par le biais d'une recherche, dans le cadre de travaux et d'un mémoire lui permettant d'intervenir et de résoudre des problèmes qui relèvent du domaine de la kinésithérapie et réadaptation.
 - 1.1. Enoncer les référentiels théoriques majeurs qui sous-tendent l'action (en sciences humaines, sciences exactes, sciences biomédicales et dans la formation spécifique à la kinésithérapie et réadaptation).
 - 1.2. Démontrer un savoir-faire pratique, technique, méthodologique dans ces domaines.
 - 1.3. Exercer sa propre activité en kinésithérapie et réadaptation dans le but d'accéder à un niveau de maîtrise indispensable à une bonne intervention.
 - 1.4. Articuler et intégrer ces différents champs de connaissances (interdisciplinarité).
2. intervenir efficacement et résoudre des problèmes complexes dans les domaines de la kinésithérapie et réadaptation en s'appuyant sur une démarche autonome et un raisonnement scientifiques.
 - 2.1. Identifier les besoins des patients en kinésithérapie et réadaptation (amont de l'action).
 - 2.2. Organiser l'intervention en kinésithérapie et réadaptation en l'adaptant aux besoins des patients par l'observation, l'évaluation et le réajustement (pendant l'action).
 - 2.3. Evaluer les résultats de ses interventions (observation structurée sur la base des connaissances), analyser ses pratiques en développant la dimension réflexive (aval de l'action) et améliorer, le cas échéant, ses interventions futures.
3. adapter sa communication aux objectifs d'intervention en kinésithérapie et réadaptation, aux caractéristiques des interlocuteurs (patients et professionnels de la kinésithérapie et réadaptation et de la santé) et du contexte (présenter, commenter, accompagner, coordonner,...).
 - 3.1. Expliquer et argumenter ses avis et ses points de vue à ses interlocuteurs (patients et les professionnels de la kinésithérapie et réadaptation).
 - 3.2. Dialoguer de façon efficace et adaptée avec ses interlocuteurs (patients et les professionnels de la kinésithérapie et réadaptation), en faisant preuve de capacité d'écoute, d'empathie et d'assertivité.
 - 3.3. Utiliser efficacement différentes techniques et divers outils de communication (supports visuels, présentation, langages verbal et corporel, ...).
4. collaborer avec les autres professionnels de la santé pour atteindre des objectifs communs et produire des résultats positifs.
 - 4.1. Percevoir l'impact du contexte sur la dynamique des groupes de professionnels de la kinésithérapie et réadaptation et de la santé (temps, lieu et infrastructure, type d'activité, climat organisationnel, ...) et sur les situations où l'activité en équipe est préférable à l'activité individuelle, et vice et versa. Il agit en conséquence de ce qu'il perçoit.
5. développer son autonomie et se construire un projet professionnel dans une logique de développement continu.
 - 5.1. Développer des stratégies pour s'adapter à un environnement professionnel et identifier des éléments de bien-être au travail.
 - 5.2. Intégrer de manière autonome de nouvelles compétences en relation avec la kinésithérapie et réadaptation.
 - 5.3. Inscrire sa formation dans le temps, affiner ses projets professionnels et préparer son entrée en carrière.
6. se comporter en intervenant responsable en mettant en œuvre un savoir-être professionnel dans le respect de la législation en vigueur, de l'éthique et de la déontologie professionnelle.
 - 6.1. Contribuer aux débats et controverses actuels dans le domaine de la kinésithérapie et réadaptation, e.a. ceux qui touchent au bien-être et à la santé.
 - 6.2. Justifier aussi ses interventions sur la base de sa réflexion sur l'impact social des progrès scientifiques dans les domaines de la kinésithérapie et réadaptation.
 - 6.3. Dans une approche éthique et déontologique, rester vigilant en toutes circonstances à la justesse de sa relation aux patients, aux professionnels de la kinésithérapie et réadaptation et de la santé.

Programme structure

Having completed a bachelor's degree, the one year training programme for the Master in Physiotherapy and Rehabilitation [60] entitles you to the professional status of physiotherapist in the French Community of Belgium.

Practical learning

During the Master, you will continue, in an intensive way, the training begun in the third year of the first cycle. You will do four months of placement in the university clinics and approved UCL and KUL centres, under the direction of teachers in physiotherapy and rehabilitation and under the supervision of placement directors. You will be able to match your choice of placement to your interests and preferences: hospital departments, outpatient treatment or private practice.

Specializing

You will be able to develop your knowledge in one of the following areas : technological aids for handicapped people, prevention of pathologies linked with working conditions and adapted physical activities used as additional therapy.

The dissertation that you will do at the end of the course will also enable you to specialize in an advanced area of physiotherapy or rehabilitation. The dissertation may be an account of a particular issue, through bibliographic research, or be centred on experimental research in the laboratory. You will benefit from close collaboration and a privileged learning relationship with your supervisor.

KINE2M1 Programme

Detailed programme by subject

CORE COURSES [60.0]

- Mandatory
- ✘ Optional
- △ Not offered in 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 Mémoire (15 credits)

● LKINE2199	Mémoire		(FR) [q2] [] [15 Credits] 🌐
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o Sciences humaines (4 credits)

● LKINE2108	Law, public institutions and management in health care	Sébastien Depré Christine Detrembleur (coord.)	(FR) [q1] [37.5h] [2 Credits] 🌐
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o Sciences religieuses

Sachant que dans la perspective de leur formation il est conseillé aux étudiants EDPH de suivre LTECO1002 et aux étudiants KINE de suivre LTECO1004, l'étudiant choisit un cours parmi les trois cours suivants :

✘ LTECO1001	Societies, Cultures, Religions: biblical readings	Sébastien Dehorter	(FR) [q2] [15h] [2 Credits] 🌐
✘ LTECO1002	Societies-cultures-religions : Human Questions	Paulo Jorge Dos Santos Rodrigues	(FR) [q1] [15h] [2 Credits] 🌐
✘ LTECO1004	Societies, cultures, religions : questions éthiques	Dominique Jacquemin	(FR) [q1] [15h] [2 Credits] 🌐

o Sciences biomédicales (3 credits)

○ LKINE2127	Compléments de pathologie, physiopathologie et éléments de pharmacologie	Thomas Dubois Laurent Houtekie Gregory Reyckler Franck Verschuren (coord.)	FR [q1] [45h] [3 Credits]
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o Formation spécifique à la kinésithérapie (15 credits)

○ LKINE2138	Complements of Neurology and Neurological physiotherapy	Yannick Bleyenheuft Thierry Deltombe Marie-Cécile Nassogne Michel Ossemann Anne Renders (coord.)	FR [q1] [20h+10h] [3 Credits] > English-friendly
○ LKINE2148	Functional evaluation of the patient	Yannick Bleyenheuft Christine Detrembleur (coord.)	FR [q1] [30h] [3 Credits]
○ LKINE2158	Specific techniques of physiotherapy including manual therapy, abdomino-pelvipereoneology, relaxation, psychiatric, vestibular, maxilo-facial, ...	Philippe Mahaudens Laurent Pitance (coord.)	FR [q1] [60h+45h] [5 Credits]
○ LKINE2168	Algology in physiotherapy, palliative care and geriatrics	Marie de Saint Hubert Etienne Masquelier André Mouraux Didier Schoevaerds (coord.) Annabel Wunsch	FR [q1] [60h] [4 Credits]

o Stages cliniques (20 credits)

○ LKINE2189	Stages cliniques - (4 mois)	William Poncin (coord.)	FR [q1+q2] [] [18 Credits]
○ LKINE2190	Rapports de stages	William Poncin (coord.)	FR [q1+q2] [] [2 Credits]

o Cours au choix (3 credits)

Trois crédits à choisir parmi

⊗ LKINE2188	Prevention of diseases related to working conditions	Etienne Masquelier Bénédicté Schepens (coord.)	FR [q1] [30h] [3 Credits]
⊗ LKINE2129	Additions in technology and rehabilitation	Guillaume Bastien (coord.) Christine Detrembleur Bénédicté Schepens	FR [q1] [30h] [3 Credits]
⊗ LIEPR2236	Prevention and therapeutical effect of the physical activity on the major chronic diseases	Maxime Valet	FR [q1] [30h] [3 Credits]
⊗ LKINE2196	Apprentissage moteur et neuroplasticité, module 2	Yannick Bleyenheuft (coord.) Yves Vandermeeren	FR [q1] [10h+20h] [3 Credits]
⊗ LKINE2195A	Didactique des enseignements en kinésithérapie, 2° partie (partim A master)	Philippe Mahaudens	FR [q1] [0h+10h] [3 Credits]
⊗ LKINE2195B	Didactique des enseignements en kinésithérapie, 2° partie (partim B master)	Vincent Legat	FR [q1] [0h+10h] [3 Credits]
⊗ LKINE2195C	Didactique des enseignements en kinésithérapie, 2° partie (partim C master)	Julie Duque	FR [q1] [0h+10h] [3 Credits]

Supplementary classes

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

- Mandatory
- ⊗ Optional
- △ Not offered in 2023-2024
- ⊙ Not offered in 2023-2024 but offered the following year
- ⊕ Offered in 2023-2024 but not the following year
- △ ⊕ Not offered in 2023-2024 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 1er bloc annuel du programme de bachelier en kinésithérapie et réadaptation

○ LIEPR1003	Treatment of data	Yannick Bleyenheuft	FR [q2] [15h+15h] [4 Credits] ⊕
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o Cours du 2e bloc annuel du programme de bachelier en kinésithérapie et réadaptation

○ LANGL1851	English for physiotherapists and physical educators	Fanny Desterbecq Sandrine Meirlaen Jean-Paul Nyssen (coord.) Hila Peer Mark Theodore Pertuit Florence Simon Marine Volpe	EN [q1+q2] [45h] [4 Credits] ⊕
○ LIEPR1021	Cellular physiology	Marc Francaux	FR [q1] [30h] [3 Credits] ⊕
○ LIEPR1022	Systems Physiology	Nicolas Tajeddine	FR [q2] [37.5h] [4 Credits] ⊕
○ LIEPR1024	Fundamentals of neurophysiology and neuropsychology in motor control and motor learning	Julie Duque (coord.) Marcus Missal	FR [q1] [45h] [5 Credits] ⊕

o Cours du 3e bloc annuel du programme de bachelier en kinésithérapie et réadaptation

○ LIEPR1025	Physiology and biochemistry of exercise and nutrition	Louise Deldicque Marc Francaux (coord.) Patrick Henriët	FR [q2] [75h+7.5h] [8 Credits] ⊕
○ LIEPR1026	Statistics	Céline Bugli	FR [q2] [15h+15h] [3 Credits] ⊕
○ LKINE1031	Complements physiotherapy and pathology of the musculoskeletal system	Frank Born Thierry Deltombe (coord.) Nadia Irda Philippe Mahaudens Caroline Meyer Laurent Pitance Clara Selves Delphine Wautier	FR [q2] [20h+16h] [3 Credits] ⊕
○ LKINE1036	Complements of Neurophysiology	Julie Duque (coord.) Robert Hardwick Sylvie Nozaradan	FR [q2] [30h] [3 Credits] ⊕ > English-friendly
○ LKINE1033	Seminar of motor re-education and physiotherapy	Olivier Cornu Thierry Deltombe Christine Detrembleur (coord.) Julie Duque Thierry Lejeune Philippe Mahaudens Gaëtan Stoquart	FR [q1] [0h+7.5h] [3 Credits] ⊕
○ LKINE1041	Complements of Pathology and cardio-respiratory physiotherapy	Jean-Bernard Michotte William Poncin (coord.) Gregory Reyckler	FR [q2] [30h] [3 Credits] ⊕

○ LKINE1300	Méthodologie de la recherche en kinésithérapie et réadaptation	Robert Hardwick Sophie Patris Gregory Reyhler	FR [q2] [22.5h] [3 Credits] 🌐
○ LKINE1038	Biomechanics applied to physiotherapy	Christine Detrembleur	FR [q1] [30h] [3 Credits] 🌐

o Formation personnalisée

L'étudiant choisit un cours parmi :

⌘ LKINE1039	Technology & Rehabilitation	Guillaume Bastien Massimo Penta (coord.)	FR [q2] [45h+15h] [4 Credits] 🌐
⌘ LKINE1040	Ergonomy and readaptation	Bénédicte Schepens	FR [q2] [45h+15h] [4 Credits] 🌐

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.

KINE2M1 - 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

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- > [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			
Titre inconnu:kine1ba		Direct access	
Others Bachelors of the French speaking Community of Belgium			
Bacheliers universitaires en kinésithérapie et réadaptation		Direct access	
Bachelors of the Dutch speaking Community of Belgium			
Bacheliers universitaires en kinésithérapie et réadaptation		Access based on application	Le candidat peut se voir imposer 1 ou plusieurs enseignements supplémentaires de 15 crédits
Foreign Bachelors			
Bacheliers universitaires en kinésithérapie et réadaptation		Access based on application	Le candidat peut se voir imposer 1 ou plusieurs enseignements supplémentaires de 15 crédits

Non university Bachelors

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

Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
"Licenciés"			
		-	
Masters			
		-	

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

Specific professional rules

These studies lead to a professional title subject to specific rules or restrictions on professional accreditation or establishment.

You will find the necessary legal information by [clicking here](#).

Teaching method

Master in Physiotherapy and Rehabilitation is centred on acquiring and developing specific skills in physiotherapy in various areas of application (orthopaedic, neurological, respiratory, uro-gynaecological, cardio-vascular, psychiatric, pediatric, geriatric etc). The teaching is done in different ways: lectures, practical courses in small groups, sessions on specialized techniques and clinical placements.

Through the optional subjects, students can develop their knowledge in one of the following areas : technological aids for handicapped people, prevention of pathologies linked with working conditions and adapted physical activities used as additional therapy.

By doing a dissertation, students can specialize in a precise area, either through bibliographic research, or by experimental research in the laboratory : there is close collaboration and a privileged learning relationship with the 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".

There are three main sessions of examinations : in January, June and September.

Assessment of the theoretical courses is based on a written or oral examination and may be combined and/or replaced by elements of continuous assessment, particularly for the clinical placements.

Assessment of the practical training is continuous and may be supplemented by a final assessment.

Students will be informed of the methods of assessment at the beginning of each course.

Mobility and/or Internationalisation outlook

Certain courses, as well as clinical placements in physiotherapy and rehabilitation may be done in other countries with which the Institute has special relationships : France, Canada, Switzerland and Ireland. Students who are particularly interested in the special issues relating to rehabilitation in the third world may also do a two month placement in Africa (Benin) or in South East Asia (Vietnam, Cambodia and Laos).

Possible trainings at the end of the programme

The Master in Physiotherapy and Rehabilitation gives access to the Master in Motor Skills : General.

This training of 120 credits may be done in one additional year of study. It provides a specialization either by doing a research focus, or a professional focus in manual therapy and physiotherapy.

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: [Julie Duque](#)

Jury

- Président de Jury: [Patrick Henriet](#)
- Secrétaire de Jury: [Julie Duque](#)

Useful Contact(s)

- Contact: [Emmanuel Ugeux](#)

