

**At Louvain-la-Neuve - 60 credits - 1 year - Day schedule - In french**Dissertation/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: **Faculté des sciences de la motricité (FSM)**Programme acronym: **kine2m1** - Francophone Certification Framework: 7**Table of contents**

|  |    |
|--|----|
| Introduction .....                                     | 2  |
| Teaching profile .....                                 | 3  |
| - Learning outcomes .....                              | 3  |
| - Programme structure .....                            | 4  |
| - Detailed programme .....                             | 5  |
| - Programme by subject .....                           | 5  |
| - The programme's courses and learning outcomes .....  | 7  |
| Information .....                                      | 8  |
| - Admission .....                                      | 8  |
| - Supplementary classes .....                          | 10 |
| - Teaching method .....                                | 12 |
| - Evaluation .....                                     | 12 |
| - Mobility and/or Internationalisation outlook .....   | 12 |
| - Possible trainings at the end of the programme ..... | 12 |
| - Contacts .....                                       | 12 |

## 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. Énoncer 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. Évaluer 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.

[> Core courses](#) [ [en-prog-2019-kine2m1-lkine206t.html](#) ]

## KINE2M1 Detailed programme

### Programme by subject

#### CORE COURSES [60.0]

- Mandatory  
 △ Courses not taught during 2019-2020  
 ⊕ Periodic courses taught during 2019-2020
- ✘ Optional  
 ⊖ Periodic courses not taught during 2019-2020  
 ■ Activity with requisites

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

#### ○ Mémoire (15 credits)

|             |         |  |  |            |        |
|-------------|---------|--|--|------------|--------|
| ○ LKINE2199 | Mémoire |  |  | 15 Credits | 1 + 2q |
|-------------|---------|--|--|------------|--------|

#### ○ Sciences humaines (4 credits)

|             |  |   |       |           |    |
|-------------|--|---|-------|-----------|----|
| ○ LKINE2108 | Law, public institutions and management in health care | Sebastien Depré<br>Christine Detrembleur (coord.) | 37.5h | 2 Credits | 1q |
|-------------|--|---|-------|-----------|----|

#### ○ Sciences religieuses

L'étudiant choisit un cours parmi les trois cours suivants :

|             |   |                                  |     |           |    |
|-------------|---|----------------------------------|-----|-----------|----|
| ✘ LTECO1001 | Societies, Cultures, Religions: biblical readings   | Didier Luciani                   | 15h | 2 Credits | 2q |
| ✘ LTECO1002 | Societies-cultures-religions : Human Questions      | Paulo Jorge Dos Santos Rodrigues | 15h | 2 Credits | 1q |
| ✘ LTECO1004 | Societies, cultures, religions : questions éthiques | Dominique Jacquemin              | 15h | 2 Credits | 1q |

#### ○ Sciences biomédicales (3 credits)

|             |  |   |     |           |    |
|-------------|--|---|-----|-----------|----|
| ○ LKINE2127 | Compléments de pathologie, physiopathologie et éléments de pharmacologie | Stéphan Clément de Cléty<br>Patrick Durez<br>Alain Luts (coord.)<br>Franck Verschuren | 45h | 3 Credits | 1q |
|-------------|--|---|-----|-----------|----|

#### ○ Formation spécifique à la kinésithérapie (15 credits)

|             |   |   |         |           |    |
|-------------|---|---|---------|-----------|----|
| ○ LKINE2138 | Complements of Neurology and Neurological physiotherapy   | Yannick Bleyenheuft<br>Thierry Deltombe<br>Anne Klöcker (compensates)<br>Yannick Bleyenheuft<br>Marie-Cécile Nassogne<br>Michel Ossemann<br>Anne Renders (coord.) | 20h+10h | 3 Credits | 1q |
| ○ LKINE2148 | Functional evaluation of the patient  | Carlyne Arnould (compensates)<br>Yannick Bleyenheuft<br>Yannick Bleyenheuft<br>Christine Detrembleur (coord.)   | 30h     | 3 Credits | 1q |
| ○ LKINE2158 | Specific techniques of physiotherapy including manual therapy, abdomino-pelvipérineology, relaxation, psychiatric, vestibular, maxilo-facial, ... | Yves Castille<br>Philippe Mahaudens<br>Laurent Pitance (coord.)   | 60h+45h | 5 Credits | 1q |

|             |   |   |     |           |    |
|-------------|---|---|-----|-----------|----|
| ○ LKINE2168 | Algology in physiotherapy, palliative care and geriatrics | Marie de Saint Hubert<br>Etienne Masquelier<br>André Mouraux<br>Didier Schoevaerds (coord.)<br>Annabel Wunsch | 60h | 4 Credits | 1q |
|-------------|---|---|-----|-----------|----|

### ○ Stages cliniques (20 credits)

|             |                           |                          |  |            |        |
|-------------|---------------------------|--------------------------|--|------------|--------|
| ○ LKINE2189 | Stages cliniques (4 mois) | Patrick Willems (coord.) |  | 18 Credits | 1 + 2q |
| ○ LKINE2190 | Rapports de stages        |                          |  | 2 Credits  | 1 + 2q |

### ○ Cours au choix (3 credits)

Trois crédits à choisir parmi

|              |  |  |         |           |    |
|--------------|--|--|---------|-----------|----|
| ⊗ LKINE2188  | Prevention of diseases related to working conditions                                       | Etienne Masquelier<br>Bénédicte Schepens (coord.)  | 30h     | 3 Credits | 1q |
| ⊗ LKINE2129  | Additions in technology and rehabilitation   | Guillaume Bastien<br>Christine Detrembleur<br>Bénédicte Schepens<br>Patrick Willems (coord.) | 30h     | 3 Credits | 1q |
| ⊗ LIEPR2236  | Prevention and therapeutical effect of the physical activity on the major chronic diseases | Gilles Caty  | 30h     | 3 Credits | 1q |
| ⊗ LKINE2196  | Apprentissage moteur et neuroplasticité, module 2  | Yannick Bleyenheuft (coord.)<br>Anne Klöcker (coord.)<br>Yves Vandermeeren                   | 10h+20h | 3 Credits | 1q |
| ⊗ LKINE2195A | Didactique des enseignements en kinésithérapie, 2 <sup>e</sup> partie (partim A master)    | Patrick Willems  | 0h+30h  | 3 Credits | 1q |
| ⊗ LKINE2195B | Didactique des enseignements en kinésithérapie, 2 <sup>e</sup> partie (partim B master)    | Vincent Legat  | 0h+30h  | 3 Credits | 1q |
| ⊗ LKINE2195C | Didactique des enseignements en kinésithérapie, 2 <sup>e</sup> partie (partim C master)    | Julie Duque  | 0h+30h  | 3 Credits | 1q |

## The programme's courses and learning outcomes

---

For each UCLouvain training programme, a [reference framework of learning outcomes](#) specifies the competences expected of every graduate on completion of the programme. You can see the contribution of each teaching unit to the programme's reference framework of learning outcomes in the document *"In which teaching units are the competences and learning outcomes in the programme's reference framework developed and mastered by the student?"*

## KINE2M1 - Information

### Admission

*General* (<https://uclouvain.be/en/study/inscriptions/admission-requirements-master-s-degree.html>) and specific admission requirements for this program must be satisfied at the time of enrolling at the university.

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

#### SUMMARY

- > [University Bachelors](#)
- > [Non university Bachelors](#)
- > [Holders of a 2nd cycle University degree](#)
- > [Holders of a non-University 2nd cycle degree](#)
- > [Adults taking up their university training](#)
- > [Access on the file](#)
- > [Admission and Enrolment Procedures for general registration](#)

### University Bachelors

| Diploma   | Special Requirements | Access                          | Remarks   |
|---|----------------------|---------------------------------|---|
| <b>UCLouvain Bachelors</b>  |                      |                                 |   |
| (unknown URL)   |                      | Direct Access                   |   |
| (unknown URL)   |                      | Access with additional training | Accès après 2 années de programme adapté en kinésithérapie et réadaptation                  |
| <b>Others Bachelors of the French speaking Community of Belgium</b> |                      |                                 |   |
| Bacheliers universitaires en kinésithérapie et réadaptation         |                      | Direct Access                   |   |
| Bacheliers universitaires en sciences de la motricité               |                      | Access with additional training | Accès après 2 années de programme adapté en kinésithérapie et réadaptation                  |
| <b>Bachelors of the Dutch speaking Community of Belgium</b>         |                      |                                 |   |
| Bacheliers universitaires en kinésithérapie et réadaptation         |                      | Access with additional training | Le candidat peut se voir imposer 1 ou plusieurs enseignements supplémentaires de 15 crédits |
| Bacheliers universitaires en sciences de la motricité               |                      | Access with additional training | Accès après 2 années de programme adapté en kinésithérapie et réadaptation                  |
| <b>Foreign Bachelors</b>  |                      |                                 |   |
| Bacheliers universitaires en kinésithérapie et réadaptation         |                      | Access with additional training | Le candidat peut se voir imposer 1 ou plusieurs enseignements supplémentaires de 15 crédits |
| Bacheliers universitaires en sciences de la motricité               |                      | Access with additional training | Accès après 2 années de programme adapté en kinésithérapie et réadaptation                  |

### Non university Bachelors

> Find out more about [links](https://uclouvain.be/fr/etudier/passerelles) (<https://uclouvain.be/fr/etudier/passerelles>) 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

### Adults taking up their university training

> See the website [Valorisation des acquis de l'expérience](https://uclouvain.be/fr/etudier/vae) (<https://uclouvain.be/fr/etudier/vae>)

It is possible to gain admission to all masters courses via the validation of professional experience procedure.

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

### Access on the file

Reminder : all Masters (apart from Advanced Masters) are also accessible on file.

### Admission and Enrolment Procedures for general registration

## Supplementary classes

**To enrol for this Masters, the student must have a good command of certain subjects. If this is not the case, they must add preparatory modules to their Master's programme.**

○ Mandatory

△ Courses not taught during 2019-2020

⊕ Periodic courses taught during 2019-2020

⊗ Optional

⊖ Periodic courses not taught during 2019-2020

■ Activity with requisites

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 | <a href="#">Treatment of data</a> | Yannick Bleyenheuft | 15h+15h | 4 Credits | 2q |
|-------------|-----------------------------------|---------------------|---------|-----------|----|

### o Cours du 2e bloc annuel du programme de bachelier en kinésithérapie et réadaptation

|             |   |  |       |           |        |
|-------------|---|--|-------|-----------|--------|
| ○ LANGL1851 | <a href="#">English for physiotherapists and physical educators</a>                                     | Fanny Desterbecq<br>Amandine Dumont<br>Dominique François<br>Sandrine Meirlaen<br>Lucille Meyers<br>Jean-Paul Nyssen (coord.)  | 45h   | 4 Credits | 1 + 2q |
| ○ LIEPR1021 | <a href="#">Cellular physiology</a>   | Marc Francaux  | 30h   | 3 Credits | 1q     |
| ○ LIEPR1022 | <a href="#">Systems Physiology</a>  | Nicolas Tajeddine  | 37.5h | 4 Credits | 2q     |
| ○ LIEPR1024 | <a href="#">Fundamentals of neurophysiology and neuropsychology in motor control and motor learning</a> | Gérard Derosiere (compensates)<br>Julie Duque<br>Julie Duque (compensates)<br>Marcus Missal<br>Julie Duque<br>Aleksandar Jankovski (compensates)<br>Marcus Missal<br>Anne Klöcker (compensates)<br>Julie Duque<br>Marcus Missal (coord.) | 45h   | 5 Credits | 1q     |

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

|             |   |  |          |           |    |
|-------------|---|--|----------|-----------|----|
| ○ LIEPR1025 | <a href="#">Physiology and biochemistry of exercise and nutrition</a>                 | Sonia Brichard<br>Marc Francaux (coord.)<br>Yvan Larondelle  | 75h+7.5h | 8 Credits | 2q |
| ○ LIEPR1026 | <a href="#">Statistics</a>  | Céline Bugli   | 15h+15h  | 3 Credits | 2q |
| ○ LKINE1031 | <a href="#">Complements physiotherapy and pathology of the musculoskeletal system</a> | Thierry Deltombe (coord.)<br>Philippe Mahaudens<br>Laurent Pitance<br>Clara Selves<br>Simon Vandergugten<br>Delphine Wautier | 20h+14h  | 3 Credits | 2q |
| ○ LKINE1036 | <a href="#">Complements of Neurophysiology</a>  | Julie Duque (coord.)<br>Sylvie Nozaradan<br>Yves Vandermeeren  | 30h      | 3 Credits | 2q |
| ○ LKINE1033 | <a href="#">Seminar of motor re-education and physiotherapy</a>                       | Thierry Deltombe<br>Christine Detrembleur (coord.)<br>Julie Duque<br>Thierry Lejeune<br>Gaëtan Stoquart                      | 0h+7.5h  | 3 Credits | 1q |
| ○ LKINE1041 | <a href="#">Complements of Pathology and cardio-respiratory physiotherapy</a>         | Jean-Bernard Michotte<br>William Poncin (coord.)<br>Gregory Reychler<br>Xavier Wittebole                                     | 30h      | 3 Credits | 2q |

|             |  |   |       |           |    |
|-------------|--|---|-------|-----------|----|
| ○ LKINE1300 | Méthodologie de la recherche en kinésithérapie et réadaptation | Julie Duque (coord.)<br>Sophie Patris<br>Gregory Reychler | 22.5h | 3 Credits | 2q |
| ○ LKINE1038 | Biomechanics applied to physiotherapy                          | Christine Detrembleur                                     | 30h   | 3 Credits | 1q |

### ○ Formation personnalisée

---

L'étudiant choisit un cours parmi :

|             |                             |  |         |           |    |
|-------------|-----------------------------|--|---------|-----------|----|
| ⊗ LKINE1039 | Technology & Rehabilitation | Guillaume Bastien<br>Massimo Penta<br>Patrick Willems (coord.) | 45h+15h | 4 Credits | 2q |
| ⊗ LKINE1040 | Ergonomy and readaptation   | Bénédicte Schepens   | 45h+15h | 4 Credits | 2q |

---

## 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 (<https://uclouvain.be/fr/decouvrir/rgee.html>). 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

---

**Attention, you are currently reading an archived page: below contact informations were for program study 2019-2020 only. To get current contact informations please got to [current program study site](#).**

## Curriculum Management

Faculty

Structure entity

Denomination

Sector

Acronym

Postal address

SSS/FSM

Faculty of Motor Sciences (FSM) (<https://uclouvain.be/repertoires/entites/fsm>)

Health Sciences (SSS) (<https://uclouvain.be/repertoires/entites/sss>)

FSM

Place Pierre de Coubertin 1 - bte L8.10.01

1348 Louvain-la-Neuve

Tel: [+32 \(0\) 10 47 44 19](tel:+32210474419) - Fax: [+32 \(0\) 10 47 31 06](tel:+32210473106)

Mandate(s)

- Doyenne : Catherine Behets Wydemans

Commission(s) of programme

- Commission d'encadrement en éducation par le mouvement (EDPM (<https://uclouvain.be/fr/repertoires/entites/EDPM>))
- Commission d'encadrement en sport, exercices physiques et santé (EXRC (<https://uclouvain.be/fr/repertoires/entites/EXRC>))
- Commission d'encadrement en physiologie et biomécanique de la locomotion (LOCO (<https://uclouvain.be/fr/repertoires/entites/LOCO>))
- Commission d'encadrement en réadaptation et médecine physique (READ (<https://uclouvain.be/fr/repertoires/entites/READ>))

Academic supervisor: Julie Duque

Jury

- Philippe Mahaudens
- Julie Duque

Useful Contact(s)

- Emmanuel Ugeux

**Attention, you are currently reading an archived page: below contact informations were for program study 2019-2020 only. To get current contact informations please got to [current program study site](#).**

