



## KINE1BA - Introduction

### Introduction

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## KINE1BA - Teaching profile

### Learning outcomes

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Supplying the expert response in an aim to restore the potentialities of somebody who is ill, wounded or handicapped, at different stages of his life, such is the challenge that the student of Kinesitherapy and Rehabilitation prepares himself to take on in the practice of this profession. Making sure that the student is ready for that is the objective of the Kinesitherapy and Rehabilitation (KINE) study programme offered at the Institute of Physical Education and Rehabilitation (IEPR).

The expert in Kinesitherapy and Rehabilitation is an expert in health :

- he masters the characteristics of movement and its effects for therapeutic purposes
- he is familiar with pathologies and the principal characteristics of the patients who are suffering from them
- he is capable of organising, communicating and mobilising his knowledge and skills in an appropriate manner
- he is open to rigorously evaluating and updating his working methods and techniques

The evolution of these disciplines situates the IEPR in a much wider environment - namely that of Movement Science.

Therefore, at the beginning of their studies in Kinesitherapy and Rehabilitation, the students share their general study programme in Sciences and part of that of Movement Science, with the students of Physical Education.

Those students desirous of obtaining both diplomas will manage this double training programme more easily by commencing with the studies in Physical Education.

The studies in Kinesitherapy and Rehabilitation are based on mastering the techniques and methods of Kinesitherapy and Rehabilitation. This practical study programme focuses on Movement Science, a meeting point between the Exact Sciences, Biomedical Sciences and Human Sciences.

Right from the first year of studies, the standard programme offers practical training courses specific to those studying Kinesitherapy and Rehabilitation.

*The specific nature of the studies in Kinesitherapy and Rehabilitation is therefore clearly present from the outset and is reinforced even more so from the second year on.*

*Similarly, in the third year of the bachelor's studies, the standard course offers the student the possibility to choose options which will enable him to enrich his training programme. (Ces 3 phrases se répètent ci-dessous - voir en italique )*

Scheduled for around twenty hours per week, the programme leaves the student with sufficient time for personal study.

#### Principal Subjects

The training delivered during the bachelor's programme of Kinesitherapy and Rehabilitation owes its richness and its specific nature to its multiple anchorages.

From the very first year on, the standard programme provides the student with specific practical training in Kinesitherapy and Rehabilitation. This practical training, of around 3.5 hours per week, is linked to specific theoretical studies (4 hours per week) as well as to studies in the Basic Sciences, shared with the students of Physical Education (12 hours per week).

*The specific nature of the Kinesitherapy and Rehabilitation programme is thus present right from the outset and is reinforced even more from the second year on, as illustrated below.*

Similarly, during the bachelor's studies, the standard programme offers the student the possibility to choose options courses to enrich his education.

*Scheduled around approximately twenty hours per week, the programme thus leaves the student sufficient time for personal study. ?????????????? (ces 3 phrases répètent le contenu ci-dessus!)*

And so, the bachelor's of Kinesitherapy and Rehabilitation totals 180 credits, divided, for a standard programme, into 3 years of 60 credits. This three year division takes the prerequisites into account and is the standard programme for any student who passes each year of his studies.

#### *Personal practical training, specific to the KINE*

Basic training in Psychomotricity

#### *Practical and theoretical training in kinesitherapy techniques*

Palpatory Anatomy and Patient Assessment - Didactics of adapted physical activities and re-education exercises - Pathology, Vademecum and Kinesitherapeutic and Psychomotricity techniques

#### *Hospital work experience*

#### *Training in the Exact, Biomedical and Human Sciences and in Movement Science, shared with the EDPH*

Anatomy - Analysis of Movement - Biology - Chemistry - Understanding and processing data - Mechanics and Bio-mechanics - Neuro-physiology and Neuro-psychology - Philosophy - Physiology - Psychology

#### *Studies in Sciences and in the Movement Science specific to the KINE*

Electricity - Re-education action means - Pathology and Physiopathology - Psychology and Handicaps - Physiology and Bio-mechanics applied to Kinesitherapy - Health Care Organisation, Law, Ethics and Deontology

#### *Language training*

## KINE1BA Programme

### Detailed programme by subject

- 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...)

Year








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#### ○ Majeure (180 credits)

##### ○ Formation de base en sciences exactes et biomédicales (64 credits)

○ LIEPR1001	General chemistry and biomolecules	Patrick Henriet	[FR] [q1] [30h+15h] [5 Credits] 🌐	X		
○ LIEPR1002	Essentials of systematic and functional anatomy	Catherine Behets Wydemans (coord.) Ludovic Kaminski	[FR] [q1] [45h] [6 Credits] 🌐	X		
○ LIEPR1028	Anatomy of the locomotor system and movement analysis	Catherine Behets Wydemans (coord.) Arthur Dewolf	[FR] [q2] [52.5h+7.5h] [7 Credits] 🌐			



				Year		
				1	2	3
○ LKINE1012	Pratique de la formation psychomotrice de base	Sebastiaan de Geus	PR [q2] [0h+30h] [2 Credits] 	x		
○ LKINE1025	Physical activities and sports 	Louise Deldicque	PR [q1+q2] [0h+30h] [2 Credits] 		x	
○ LKINE1026	Aquatics and safety issues 	Louise Deldicque	PR [q1+q2] [7.5h+30h] [2 Credits] 		x	
○ LKINE1234	Psychomotor therapy 	Christine Detrembleur	PR [q1] [7.5h+15h] [4 Credits] 		x	

## Alternatives

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> Bachelor in Physiotherapy and Rehabilitation [Pour diplômé.es du master EDPH2M avec l'option motricité de l'UCLouvain]  
[ <https://uclouvain.be/en-prog-2023-kine1ba-programme> ]

***BACHELOR IN PHYSIOTHERAPY AND REHABILITATION [POUR  
DIPLOMÉ.ES DU MASTER EDPH2M AVEC L'OPTION MOTRICITÉ DE  
L'UCLouvain]***

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- LIEPR1025** "Physiologie et biochimie de l'exercice et nutrition" has prerequisite(s) LIEPR1021 ET LIEPR1022 ET LIEPR1001 ET LIEPR1004
- LIEPR1021 - Cellular physiology
  - LIEPR1022 - Systems Physiology
  - LIEPR1001 - General chemistry and biomolecules
  - LIEPR1004 - Cell biology and fundamentals in histology
- LIEPR1026** "Statistique" has prerequisite(s) LIEPR1003
- LIEPR1003 - Treatment of data
- LIEPR1027** "Activités physiques et sportives adaptées" has prerequisite(s) LKINE1011 ET LKINE1012 ET LKINE1025
- LKINE1011 - Théorie de la formation psychomotrice de base
  - LKINE1012 - Pratique de la formation psychomotrice de base
  - LKINE1025 - Physical activities and sports
- LKINE1021** "Techniques de base en kinésithérapie" has prerequisite(s) LIEPR1002 ET LIEPR1028 ET LIEPR1011 ET LKINE1005 ET LIEPR1012
- LIEPR1002 - Essentials of systematic and functional anatomy
  - LIEPR1028 - Anatomy of the locomotor system and movement analysis
  - LIEPR1011 - Mécanique
  - LKINE1005 - Fundamentals of locomotory physiotherapy
  - LIEPR1012 - Biomechanics
- LKINE1022** "Pathologies et kinésithérapie du système musculo-squelettique" has prerequisite(s) LIEPR1002 ET LIEPR1028 ET LIEPR1011 ET LIEPR1012 ET LKINE1005
- LIEPR1002 - Essentials of systematic and functional anatomy
  - LIEPR1028 - Anatomy of the locomotor system and movement analysis
  - LIEPR1011 - Mécanique
  - LIEPR1012 - Biomechanics
  - LKINE1005 - Fundamentals of locomotory physiotherapy
- LKINE1023** "Pathologies et kinésithérapie du système cardio-respiratoire" has prerequisite(s) LIEPR1002 ET LIEPR1028 ET LKINE1006
- LIEPR1002 - Essentials of systematic and functional anatomy
  - LIEPR1028 - Anatomy of the locomotor system and movement analysis
  - LKINE1006 - Fondements d'électrothérapie
- LKINE1024** "Pathologies et kinésithérapie du système nerveux" has prerequisite(s) LIEPR1002 ET LIEPR1028 ET LIEPR1011 ET LIEPR1007 ET LIEPR1012
- LIEPR1002 - Essentials of systematic and functional anatomy
  - LIEPR1028 - Anatomy of the locomotor system and movement analysis
  - LIEPR1011 - Mécanique
  - LIEPR1007 - Psychology
  - LIEPR1012 - Biomechanics
- LKINE1025** "Activités physiques et sportives" has prerequisite(s) LKINE1011 ET LIEPR1012 ET LKINE1012
- LKINE1011 - Théorie de la formation psychomotrice de base
  - LIEPR1012 - Biomechanics
  - LKINE1012 - Pratique de la formation psychomotrice de base
- LKINE1026** "M de l 32.244998950746ac et sportives"
- LKINE1012 - Biomechanics
  - LKINE1012 - Pratique de la formation psychomotrice de base

- LKINE1390B**
- LIEPR1012 - Biomechanics
  - LKINE1005 - Fundamentals of locomotory physiotherapy
- LIEPR1011 - Mécanique
- LKINE1006 - Fondements d'électrothérapie
- LKINE1039** "Technologie et réadaptation" has prerequisite(s) LKINE1006
- LKINE1006 - Fondements d'électrothérapie
- LKINE1040** "Ergonomie et réadaptation" has prerequisite(s) LIEPR1011 ET LIEPR1012 ET LKINE1004
- LIEPR1011 - Mécanique
  - LIEPR1012 - Biomechanics
  - LKINE1004 - Introduction to Ergonomy
- LKINE1041** "Compléments de pathologie et de kinésithérapie cardio-respiratoire" has prerequisite(s) LKINE1023
- LKINE1023 - Pathologies and physical therapy of the cardio-respiratory system
- LKINE1234** "Psychomotricité" has prerequisite(s) LIEPR1007 ET LKINE1002 ET LKINE1011 ET LKINE1012
- LIEPR1007 - Psychology
  - LKINE1002 - Handicaps and psychology
  - LKINE1011 - Théorie de la formation psychomotrice de base
  - LKINE1012 - Pratique de la formation psychomotrice de base
- LKINE1300** "Méthodologie de la recherche en kinésithérapie et réadaptation" has prerequisite(s) LIEPR1003 ET LANGL1851
- LIEPR1003 - Treatment of data
  - LANGL1851 - English for physiotherapists and physical educators
- LKINE1390A** "Didactique des enseignements en kinésithérapie, 1re partie (partim A)" has prerequisite(s) LKINE1021 ET LKINE1022 ET LKINE1023 ET LKINE1024 ET LIEPR1012 ET LKINE1006
- LKINE1021 - Basics of physical therapy
  - LKINE1022 - Pathologies and physical therapy of the musculo-skeletal system
  - LKINE1023 - Pathologies and physical therapy of the cardio-respiratory system
  - LKINE1024 - Pathology and Physiotherapy of the nervous system
  - LIEPR1012 - Biomechanics
  - LKINE1006 - Fondements d'électrothérapie
- LKINE1390B**

## 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.

### Detailed programme per annual block

#### KINE1BA - 1ST ANNUAL UNIT

- 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 Majeure

##### o Formation de base en sciences exactes et biomédicales

○ LIEPR1001	<a href="#">General chemistry and biomolecules</a>	Patrick Henriët	[FR] [q1] [30h] +15h] [5 Credits] 🌐
○ LIEPR1002	<a href="#">Essentials of systematic and functional anatomy</a>	Catherine Behets Wydemans (coord.) Ludovic Kaminski	[FR] [q1] [45h] [6 Credits] 🌐
○ LIEPR1028	<a href="#">Anatomy of the locomotor system and movement analysis</a>	Catherine Behets Wydemans (coord.) Arthur Dewolf	[FR] [q2] [52.5h] +7.5h] [7 Credits] 🌐
○ LIEPR1003	<a href="#">Treatment of data</a>	Yannick Bleyenheuft	[FR] [q2] [15h] +15h] [4 Credits] 🌐
○ LIEPR1004	<a href="#">Cell biology and fundamentals in histology</a>	Catherine Behets Wydemans Patrick Henriët	[FR] [q2] [45h] [5 Credits] 🌐
○ LIEPR1011	<a href="#">Mécanique</a>	Vincent Legat	[FR] [q1] [30h] +15h] [4 Credits] 🌐
○ LIEPR1012	<a href="#">Biomechanics</a>	Arthur Dewolf	[FR] [q2] [30h] +15h] [4 Credits] 🌐

##### o Formation de base en sciences humaines

○ LIEPR1006	<a href="#">Philosophy, the body and movement</a>	Jacob Schmutz	[FR] [q1] [30h] [3 Credits] 🌐
○ LIEPR1007	<a href="#">Psychology</a>		



**KINE1BA - 2ND ANNUAL UNIT**

- 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 Majeure****o Formation de base en sciences exactes et biomédicales**

○ LIEPR1023A	Sauvetage, réanimation et urgences de terrain (partim réanimation et urgence de terrain) ■	Pierre Bulpa (coord.)	FR [q1] [15h +15h] [3 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 Formation théorique et pratique spécifique à la kinésithérapie**

○ LKINE1021	Basics of physical therapy ■	Catherine Behets Wydemans Arthur Dewolf Philippe Mahaudens (coord.)	FR [q1] [13h +97.5h] [8 Credits] 🌐
○ LKINE1022	Pathologies and physical therapy of the musculo-skeletal system ■	Thierry Deltombe (coord.) Jean-Emile Dubuc Philippe Mahaudens Laurent Pitance Anne Renders Didier Schoevaerdt Clara Selves	FR [q2] [60h +26h] [8 Credits] 🌐
○ LKINE1023	Pathologies and physical therapy of the cardio-respiratory system ■	Jean-Bernard Michotte William Poncin (coord.) Gregory Reyhler David Vancraeynest	FR [q2] [45h +30h] [7 Credits] 🌐 > English- friendly
○ LKINE1024	Pathology and Physiotherapy of the nervous system ■	Yannick Bleyenheuft (coord.) Thibault Warlop	FR [q2] [30h +45h] [7 Credits] 🌐
○ LKINE1027	Introduction to pathology. ■	Bénédicte Delaere Etienne Delgrange	







⌘ LANGL2451	English - communication skills 🇺🇸	Stéphanie Brabant Charline Coduti Philippe Denis Maïté Dupont Claudine Grommersch (coord.) Carlo Lefevre Jean-Paul Nyssen Hila Peer Lutgarde Schrijvers Marine Volpe	EN [q2] [30h] [2 Credits] 🌐
⌘ LNEER2451	Dutch communication skills for students in Physiotherapy, Sports and Physical Training 🇺🇸	Katrien De Rycke (coord.)	NL [q2] [30h] [2 Credits] 🌐

o Cours au choix :

⌘ LKINE1039	Technology & Rehabilitation 🇺🇸	Guillaume Bastien Massimo Penta (coord.)	EN [q2] [45h +15h] [4 Credits] 🌐
⌘ LKINE1040	Ergonomy and readaptation 🇺🇸	Bénédicte Schepens	FR [q2] [45h +15h] [4 Credits] 🌐
⌘ LIEPR1027	Adapted physical activity 🇺🇸	Sébastien Xhrouet	FR [q2] [30h +30h] [4 Credits] 🌐



- For any secondary school diploma **from a European Union country**

## Specific professional rules

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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

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Tout au long de son cursus de bachelier en kinésithérapie et réadaptation, l'étudiant est confronté à des dispositifs variés: cours magistraux, tutorat, monitorat, travaux pratiques, stages.

A côté d'une solide formation en sciences fondamentales enseignée principalement par des cours magistraux, les étudiants sont invités à se familiariser avec leur future pratique, d'abord lors de cours théoriques et pratiques des techniques de base et/ou spécifiques de kinésithérapie et puis lors des stages.

## Evaluation

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***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".***

In the first year, during the month of November, a compulsory test is organised to enable the students to evaluate to what extent their work corresponds to the expectations of the University programme.

The exams are organised in the form of two main sessions : one in January and the other in June. The September session is for re-sits.

For the theoretical courses, the evaluation is conducted in the form of a written or oral exam, depending on the course, and may be combined and/or replaced by elements of ongoing evaluation.

For the practical training sessions, the evaluation is ongoing and may be completed by a final evaluation.

The evaluation procedures for each course are communicated to the students at the beginning of the session.

## Possible trainings at the end of the programme

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The master's programme is accessible with no prerequisites : the title of "Bachelor" allows acces to the master's of Kinesitherapy and Rehabilitation (60 credits).

## Contacts

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

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](#))



