UCLouvain

KINE1BA

2024 - 2025

Bachelor in Physiotherapy and Rehabilitation

At Louvain-la-Neuve - 180 credits - 3 years - Day schedule - In French

KINE1BA - Introduction

Introduction

Introduction

The Faculty of Motor Sciences at UCLouvain offers you a bachelor's study program in physiotherapy and rehabilitation, completely reformed in 2024, aimed at the development of specific skills, as included in the new framework below.

Ten areas of skills were identified based on a detailed analysis of current expectations in the professional world and the values that we wish to promote at UCLouvain, namely (1) scientific attitude, (2) Evidence-Based Practice (EBP) and clinical reasoning (RC), (3) the patient-physiotherapist relationship aimed at making the patie.nt the driving force behind their care and (4) multidisciplinary collaboration.

Courses in the UCLouvain physiotherapy and rehabilitation program are taught by experts at the cutting edge of knowledge. The latter are active in the world of scientific research and integrate the latest advances in their field of expertise into their teaching, including their own contributions. The reformed program emphasizes teaching methods that promote the development of critical and reflective thinking. You will be able to use your knowledge through internships offered in a wide variety of services in our partner hospitals or private practices.

The bachelor's program must be completed by a year of master's degree in physiotherapy and rehabilitation (60 credits) to obtain the professional title of physiotherapist. At the end of your 4 years of study, you will be able to apply for an INAMI number which is essential to take care of patients as a physiotherapist.

If you wish, you can also continue your studies with a Master in Motor Sciences of 120 credits. Currently, the FSM offers three goals: the in-depth goal (research) and two specialization goals (musculoskeletal physiotherapy, neurological physiotherapy). Obtaining a Master 120 will give you access to doctoral training.

Your profile

Do you enjoy human contact, are you sociable and attentive, do you practice regular physical activity? All these aspects constitute assets for the success of this university course.

Generally speaking, academic success requires cognitive skills: written and oral mastery of French, analytical skills, critical thinking, a spirit of synthesis, good working methods, capacity for abstraction, etc.

Your future job

You will work in a hospital, in a private practice, in a nursing home, in a rehabilitation center, a psychomotor center or a sports club, in Belgium or abroad. You can also go on a mission around the world for an NGO, move towards medical delegation or a career in research.

These studies lead to a professional title subject to specific rules.

Your programme

The bachelor's degree offers you the possibility:

• to acquire a solid base of knowledge in the field of biomedical sciences; the technical knowledge and skills necessary to perform the professional actions of the physiotherapist;

• to develop soft skills oriented towards therapeutic communication, empathy, emotional intelligence, work management, reflexivity, etc. ;

• integrate clinical reasoning based on Evidence Based Practice (EBP)

• to develop initial field experience through three months of clinical internships in a hospital or office setting.

Skills and learning outcomes at the end of the training = Bachelor’s standard

KINE1BA - Teaching profile

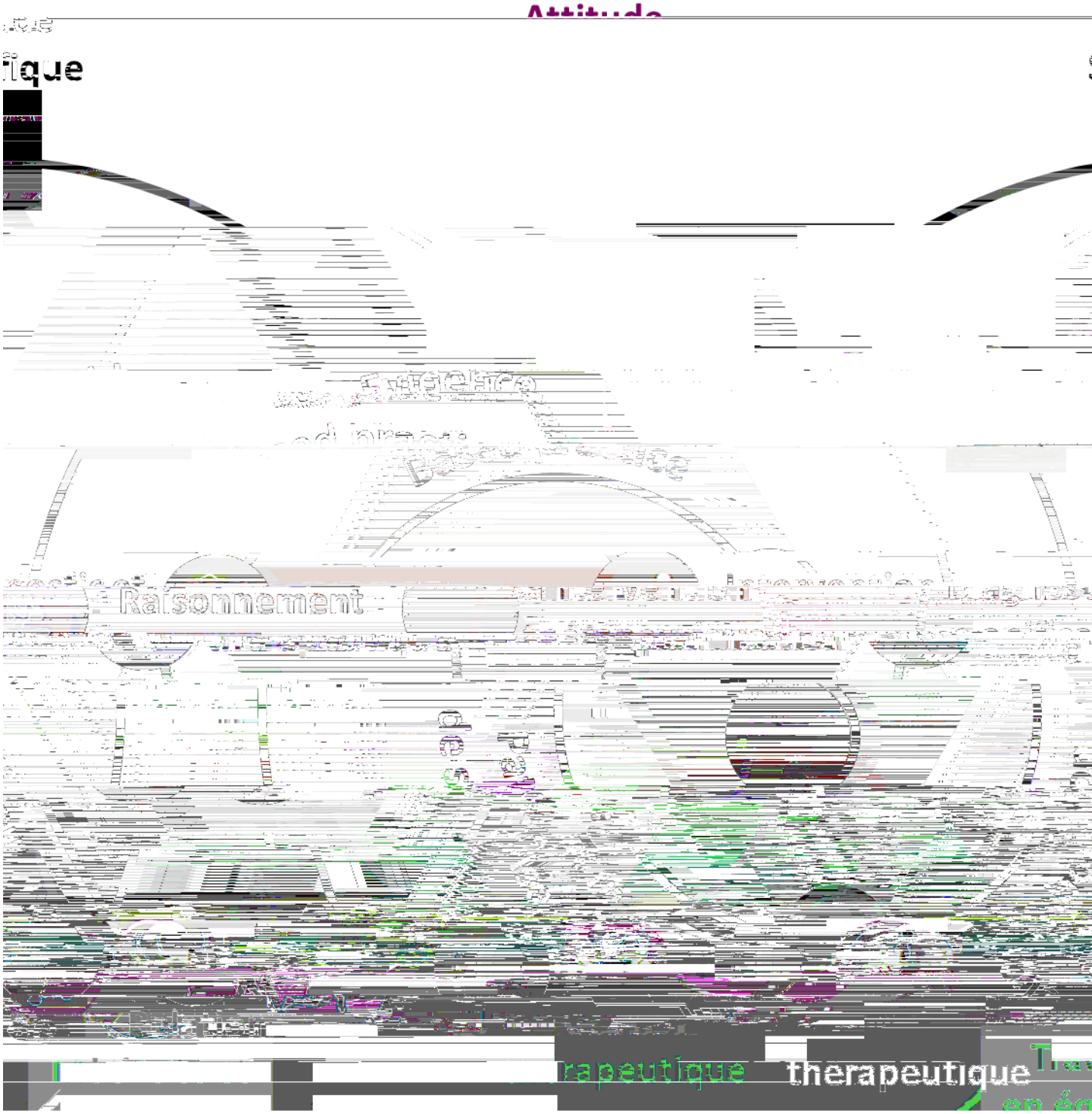
Learning outcomes

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 graduate's exit profile is based on 4 values at the heart of the training and on 10 areas of essential and essential skills that the student must develop during the course.



The 4 values:

1. The Approach – scientific anchoring
2. The patient-physiotherapist relationship aimed at a patient who is the driving force behind his care
3. Evidence Based Practice

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11. Knowledge axis

Mobilize in a critical and integrated manner a base of knowledge (knowledge, models, theories, concepts and techniques) in exact, biomedical and human sciences, on which to rely to intervene in the field of motor skills sciences.

11.1 Demonstrate knowledge and critical understanding of an in-depth knowledge base (knowledge, models, theories, concepts and techniques) in exact, biomedical and human sciences.
11.2 Describe fundamental principles in motor science by articulating and integrating in-depth knowledge from different fields of exact, biomedical and human sciences.
11.3 Mobilize knowledge from a discipline to understand and respond to a situation, a problem or a situation.
11.4 Mobilize knowledge from different disciplines to understand and respond to a situation, a problem or a situation.

Programme structure

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 programme *before* 2024-25 ?

LIEPR1024

- 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...)

Majeure (180 credits)

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

				Year 1	2	3
LFSM1101	General chemistry and biomolecules	Patrick Henriet	FR [q1] [37.5h] [4 Credits]	x		
LFSM1102	Essentials of systematic and functional anatomy	Catherine Behets Wydemans (coord.) Antoine Chretien Ludovic Kaminski	FR [q1] [37.5h] [5 Credits]	x		
LFSM1103	Critical thinking and scientific posture	Julie Duque	FR [q1] [37.5h] [4 Credits]	x		
LFSM1104	Biology and fundamentals in histology	Catherine Behets Wydemans Patrick Henriet	FR [q2] [45h] [5 Credits]	x		
LFSM1105	Physics	Laurent Francis Dimitri Lederer Vincent Legat	FR [q1] [37.5h+15h] [5 Credits]	x		
LFSM1109	Biomechanics and analysis of the musculoskeletal system	Arthur Dewolf	FR [q2] [45h+15h] [5 Credits]	x		
LFSM1003	Anatomy of the locomotor system and movement analysis	Catherine Behets Wydemans (coord.) Arthur Dewolf	FR [q2] [52.5h] [6 Credits]	x		
LKNR1101	Introduction to research methods	Dominique De Jaeger	FR [q2] [30h] [3 Credits]	x		
LKNR1102	Sustainable development	Anne Berquin (coord.) Pauline Modrie	FR [q2] [22.5h] [2 Credits]	x		
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]	x		
LIEPR1023A	Sauvetage, réanimation et urgences de terrain (partim réanimation et urgence de terrain)		FR [q1] [15h+15h] [3 Credits]		x	
LIEPR1021	Cellular physiology	Marc Francaux	FR [q1] [30h] [3 Credits]		x	
LIEPR1022	Systems Physiology	Nicolas Tajeddine	FR [q2] [37.5h] [4 Credits]		x	
LIEPR1024						


Year

				Year 1	2	3
LKINE1031	Complements physiotherapy and pathology of the musculoskeletal system	Xavier Banse Frank Bom Thierry Deltombe (coord.) Philippe Mahaudens Caroline Meyer Laurent Pitance Clara Selves	FR [q2] [20h+16h] [3 Credits]			x
LKINE1041	Complements of Pathology and cardio-respiratory physiotherapy	Jean-Bernard Michotte William Poncin (coord.) Gregory Reychler	FR [q2] [30h] [3 Credits]			x
LKINE1036	Complements of Neurophysiology	Julie Duque (coord.)				

Year
1 2 3

Alternatives

> Bachelor in Physiotherapy and Rehabilitation [Pour diplômé.es du master EDPH2M avec l'option motricité de l'UCLouvain]
[https://uclouvain.be/en-prog-2024-kine1ba-programme]

x

				Year 1	2	3
O LKNR1105	Evidence based practice (EBP) / Clinical reasoning 1 *Cours ajouté à ce programme durant la durée de la transition, c'est à dire jusque 25-26.*	Laurent Pitance (coord.)	FR [q2] [30h] [5 Credits]			x
O LKINE9034	Stages cliniques (3 mois)	William Poncin (coord.)	FR [] [] [23 Credits]			x
O LKINE9035	Rapports de stages (3 mois de stages)	William Poncin (coord.)	FR [q1+q2] [] [2 Credits]			x

O Cours au choix

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

⊠ LKINE1039	Technology & Rehabilitation	Guillaume Bastien Massimo Penta (coord.)	FR [q2] [45h+15h] [4 Credits]			x
⊠ LKINE1040	Ergonomy and readaptation	Bénédicte Schepens	FR [q2] [45h+15h] [4 Credits]			x
⊠ LKINE1396	Apprentissage moteur et neuroplasticité, module 1	Yannick Bleyenheuft	FR [q2] [45h+15h] [4 Credits]			x
⊠ LKINE1390A	Didactique des enseignements en kinésithérapie, 1re partie (partim A)		FR [q2] [10h+18h] [4 Credits]			

- LFSM1101 - General chemistry and biomolecules
- LFSM1104 - Biology and fundamentals in histology

LIEPR1022 "Physiologie des systèmes" has prerequisite(s) LFSM1101 ET LFSM1104

- LFSM1101 - General chemistry and biomolecules
- LFSM1104 - Biology and fundamentals in histology

LIEPR1023A "Sauvetage, réanimation et urgences de terrain (partim réanimation et urgence de terrain)" has prerequisite(s) LFSM1109 ET LKINE1011 ET LKINE1012

- LFSM1109 - Biomechanics and analysis of the musculoskeletal system
- LKINE1011 - Théorie de la formation psychomotrice de base
- LKINE1012 - Pratique de la formation psychomotrice de base

LIEPR1024 "Fondements neurophysiologiques et neuropsychologiques du contrôle et de l'apprentissage moteurs" has prerequisite(s) LFSM1101 ET LFSM1104 ET LKINE1006

- LFSM1101 - General chemistry and biomolecules
- LFSM1104 - Biology and fundamentals in histology
- LKINE1006 - Fondements d'électrothérapie

LIEPR1025 "Physiologie et biochimie de l'exercice et nutrition" has prerequisite(s) LIEPR1021 ET LIEPR1022 ET LFSM1101 ET LFSM1104

- LIEPR1021 - Cellular physiology
- LIEPR1022 - Systems Physiology
- LFSM1101 - General chemistry and biomolecules
- LFSM1104 - 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) LKINE1005 ET LFSM1102 ET LFSM1003 ET LFSM1105 ET LFSM1109

- LKINE1005 - Fundamentals of locomotory physiotherapy
- LFSM1102 - Essentials of systematic and functional anatomy
- LFSM1003 - Anatomy of the locomotor system and movement analysis
- LFSM1105 - Physics
- LFSM1109 - Biomechanics and analysis of the musculoskeletal system

LKINE1022 "Pathologies et kinésithérapie du système musculo-squelettique" has prerequisite(s) LFSM1102 ET LFSM1003 ET LFSM1105 ET LFSM1109 ET LKINE1005

- LFSM1102 - Essentials of systematic and functional anatomy
- LFSM1003 - Anatomy of the locomotor system and movement analysis
- LFSM1105 - Physics
- LFSM1109 - Biomechanics and analysis of the musculoskeletal system
- LKINE1005 - Fundamentals of locomotory physiotherapy

LKINE1023 "Pathologies et kinésithérapie du système cardio-respiratoire" has prerequisite(s) LFSM1102 ET LFSM1003 ET LKINE1006

- LFSM1102 - Essentials of systematic and functional anatomy
- LFSM1003 - Anatomy of the locomotor system and movement analysis
- LKINE1006 - Fondements d'électrothérapie

LKINE1024 "Pathologies et kinésithérapie du système nerveux" has prerequisite(s) LFSM1102 ET LFSM1003 ET LFSM1105 ET LFSM1107 ET LFSM1109

- LFSM1102 - Essentials of systematic and functional anatomy
- LFSM1003 - Anatomy of the locomotor system and movement analysis
- LFSM1105 - Physics
- LFSM1107 - Psychology
- LFSM1109 - Biomechanics and analysis of the musculoskeletal system

LKINE1025 "Activités physiques et sportives" has prerequisite(s) LFSM1109 ET LKINE1011 ET LKINE1012

- LFSM1109 - Biomechanics and analysis of the musculoskeletal system
- LKINE1011 - Théorie de la formation psychomotrice de base
- LKINE1012 - Pratique de la formation psychomotrice de base

LKINE1026 "Motricité aquatique et éléments de sécurité" has prerequisite(s) LFSM1109 ET LKINE1011 ET LKINE1012

- LFSM1109 - Biomechanics and analysis of the musculoskeletal system
- LKINE1011 - Théorie de la formation psychomotrice de base
- LKINE1012 - Pratique de la formation psychomotrice de base

LKINE1027 "Introduction à la pathologie" has prerequisite(s) LFSM1107 ET LKINE1002

- LFSM1107 - Psychology
- LKINE1002 - Handicaps and psychology

LKINE1031 "Compléments de pathologie et de kinésithérapie du système musculo-squelettique" has prerequisite(s) LFSM1102 ET LFSM1003 ET LFSM1105 ET LFSM1109 ET LKINE1021

- LFSM1102 - Essentials of systematic and functional anatomy
- LFSM1003 - Anatomy of the locomotor system and movement analysis
- LFSM1105 - Physics
- LFSM1109 - Biomechanics and analysis of the musculoskeletal system
- LKINE1021 - Basics of physical therapy

LKINE1033 "Séminaire de rééducation motrice et de kinésithérapie" has prerequisite(s) LKINE1022

- LKINE1022 - Pathologies and physical therapy of the musculo-skeletal system

LKINE1036 "Compléments de neurophysiologie" has prerequisite(s) LIEPR1021 ET LIEPR1022 ET LIEPR1024 ET LKINE1024

- LIEPR1021 - Cellular physiology
- LIEPR1022 - Systems Physiology
- LIEPR1024 - Fundementals of neurophysiology and neuropsychology in motor control and motor learning
- LKINE1024 - Pathology and Physiotherapy of the nervous system

LKINE1038 "Biophysique appliquée à la kinésithérapie" has prerequisite(s) LFSM1105 ET LFSM1109 ET LKINE1005 ET LKINE1006

- LFSM1105 - Physics
- LFSM1109 - Biomechanics and analysis of the musculoskeletal system
- LKINE1005 - Fundamentals of locomotory physiotherapy
- LKINE1006 - Fondements d'électrothérapie

LKINE1039 "Technologie et réadaptation" has prerequisite(s) LKINE1006

- LKINE1006 - Fondements d'électrothérapie

LKINE1040 "Ergonomie et réadaptation" has prerequisite(s) LFSM1105 ET LFSM1109 ET LKINE1004

- LFSM1105 - Physics
- LFSM1109 - Biomechanics and analysis of the musculoskeletal system
- 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) LFSM1107 ET LKINE1002 ET LKINE1011 ET LKINE1012

- LFSM1107 - 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 LKINE1006 ET LFSM1109

- 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
- LKINE1006 - Fondements d'électrothérapie
- LFSM1109 - Biomechanics and analysis of the musculoskeletal system

LKINE1390B "Didactique des enseignements en kinésithérapie, 1re partie (partim B)" has prerequisite(s) LKINE1021 ET LKINE1022 ET LKINE1023 ET LKINE1024 ET LKINE1006 ET LFSM1109

- 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
- LKINE1006 - Fondements d'électrothérapie
- LFSM1109 - Biomechanics and analysis of the musculoskeletal system

LKINE1390C "Didactique des enseignements en kinésithérapie, 1re partie (partim C)" has prerequisite(s) LKINE1021 ET LKINE1022 ET LKINE1023 ET LKINE1024 ET LKINE1006 ET LFSM1109

- 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
- LKINE1006 - Fondements d'électrothérapie
- LFSM1109 - Biomechanics and analysis of the musculoskeletal system

LKINE1396 "Apprentissage moteur et neuroplasticité, module 1" has prerequisite(s) LIEPR1024 ET LKINE1234

- LIEPR1024 - Fundementals of neurophysiology and neuropsychology in motor control and motor learning
- LKINE1234 - Psychomotor therapy

LKINE9034 "Stages cliniques (3 mois)" has prerequisite(s) LFSM1102 ET LFSM1003 ET LKINE1003 ET LKINE1005 ET LKINE1021 ET LKINE1022 ET LKINE1023 ET LKINE1024

- LFSM1102 - Essentials of systematic and functional anatomy
- LFSM1003 - Anatomy of the locomotor system and movement analysis
- LKINE1003 - Handicap and Rehabilitation
- LKINE1005 - Fundamentals of locomotory physiotherapy

- 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

LKINE9035 "Rapports de stages (3 mois de stages)" has prerequisite(s) LFSM1102 ET LFSM1003 ET LKINE1003 ET LKINE1005

- LFSM1102 - Essentials of systematic and functional anatomy
- LFSM1003 - Anatomy of the locomotor system and movement analysis
- LKINE1003 - Handicap and Rehabilitation
- LKINE1005 - Fundamentals of locomotory physiotherapy

LNEER2451 "Communication interactive néerlandaise - Niveau intermédiaire" has prerequisite(s) LANGL1851

- LANGL1851 - English for physiotherapists and physical educators

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

KINE1BA - 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
- 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...)

Majeure

LKNR1101	Introduction to research methods	Dominique De Jaeger	FR [q2] [30h] [3 Credits]
LKNR1102	Sustainable development	Anne Berquin (coord.) Pauline Modrie	FR [q2] [22.5h] [2 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] Δ

Formation de base en sciences humaines

LFSM1106	Philosophy and ethics in motor science	Jacob Schmutz	FR [q1] [30h] [3 Credits]
LFSM1107	Psychology	Stefan Agrigoroaei Bénédicte Thonon (compensates Damien Brevers)	FR [q1] [30h] [3 Credits]

Formation théorique et pratique spécifique à la kinésithérapie

LKNR1103	Introduction to the profession of physiotherapist	Christine Detrembleur William Poncin (coord.) Henri Thonon	FR [q1] [30h] [4 Credits]
LKNR1104	Health system and medical model	Christine Detrembleur Bénédicte Schepens (coord.)	FR [q2] [45h] [6 Credits]
LKNR1105	Evidence based practice (EBP) / Clinical reasoning 1	Laurent Pitance (coord.)	FR [q2] [30h] [3 Credits]
LKINE1002	Handicaps and psychology *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.*		FR [q2] [30h] [3 Credits] Δ
LKINE1003	Handicap and Rehabilitation *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.*	Christine Detrembleur	FR [q1] [30h] [3 Credits] Δ
LKINE1004	Introduction to Ergonomy *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.*		FR [q1] [30h] [3 Credits] Δ
LKINE1005	Fundamentals of locomotory physiotherapy *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.*	Christine Detrembleur (coord.)	FR [q2] [30h] [3 Credits] Δ
LKINE1006	Fondements d'électrothérapie *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.*	Julie Duque (coord.) Laurent Francis	FR [q2] [30h] [3 Credits] Δ

Sciences religieuses

Un cours à choisir parmi les cours proposés ci-dessous. Dans la perspective de leur formation, il est conseillé aux étudiant·es KINE de suivre le cours LTECO1004.

⊠ 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	Serena Buchter Marcela Lobo Bustamante	FR [q1] [15h] [2 Credits]

KINE1BA - 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...)

Majeure

Formation de base en sciences exactes et biomédicales

LIEPR1023A	Sauvetage, réanimation et urgences de terrain (partim réanimation et urgence de terrain)		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	Fundementals of neurophysiology and neuropsychology in motor control and motor learning	Julie Duque (coord.) Marcus Missal	FR [q1] [45h] [5 Credits]

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 Schoevaerdts Clara Selves	FR [q2] [60h +26h] [8 Credits]

KINE1BA - 3RD 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...)

Majeure

Formation de base en sciences exactes et biomédicales

LIEPR1025	Physiology and biochemistry of exercise and nutrition	Louise Deldicque Marc Francaux (coord.) Patrick Henriet	FR [q2] [75h +7.5h] [8 Credits]
LKINE1300	Méthodologie de la recherche en kinésithérapie et réadaptation	Robert Hardwick (coord.) Sophie Patris Gregory Reychler	FR [q2] [22.5h] [3 Credits]
LIEPR1026	Statistics	Céline Bugli	FR [q2] [15h +15h] [3 Credits]

Formation théorique et pratique spécifique à la kinésithérapie

LKINE1038	Biomechanics applied to physiotherapy	Christine Detrembleur	FR [q1] [30h] [3 Credits]
LKINE1031	Complements physiotherapy and pathology of the musculoskeletal system	Xavier Banse Frank Bom Thierry Deltombe (coord.) Philippe Mahaudens Caroline Meyer Laurent Pitance Clara Selves	FR [q2] [20h +16h] [3 Credits]
LKINE1041	Complements of Pathology and cardio-respiratory physiotherapy	Jean-Bernard Michotte William Poncin (coord.) Gregory Reychler	FR [q2] [30h] [3 Credits]
LKINE1036	Complements of Neurophysiology		

⊠ LANGL2451	English - communication skills	Stéphanie Brabant Philippe Denis Marie Duelz Claudine Grommersch (coord.) Carlo Lefevre Sandrine Meirlaen Jean-Paul Nyssen Lutgarde Schrijvers	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]

Cours au choix

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

⊠ LKINE1039	Technology & Rehabilitation	Guillaume Bastien Massimo Penta (coord.)	

- 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**

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

Throughout their bachelor's course in physiotherapy and rehabilitation, the student is confronted with varied learning systems: lectures, tutoring, forum theater sessions, practical work, internships.

Lecture courses are mainly present at the level of basic training in exact and biomedical sciences; teachers of these subjects nevertheless take care to encourage student proactivity, through the use of MOOCs and the organization of monitoring to complement the course, for example. More specific training in physiotherapy calls for more varied teaching methods, including practical work and monitoring.

Completing internships allows the student to use the skills acquired in courses and to familiarize themselves with the work environment specific to the profession of physiotherapist. Forum theater sessions accompanying the internships encourage the student's reflexivity and develop their therapeutic communication skills.

The training thus finds its richness and specificity in its numerous anchors:

• Training shared with physical education: in exact and biomedical sciences (anatomy, biology, chemistry, physics, physiology, neurophysiology, introduction to pathology), in human sciences (philosophy, psychology, critical thinking, analysis of scientific data) and in motor science (biomechanics, analysis of movement/locomotor system, exercise medicine).

• Training specific to physiotherapy: in exact and biomedical sciences (geriatrics, psychiatry, algology, neurophysiology) and in human sciences (research methods and data collection in health sciences, sustainable development, therapeutic communication, etc.).

• Motor skills training (running, fitness, coordination, swimming)

• Specific training in physiotherapy techniques (clinical reasoning, basic physiotherapy techniques, palpatory anatomy, pathologies and physiotherapy of different systems).

Contacts

Curriculum Management

Faculty

Structure entity	SSS/FSM
Denomination	Faculty of Movement and Rehabilitation Sciences (FSM)
Sector	Health Sciences (SSS)
Acronym	FSM
Postal address	Place Pierre de Coubertin 1 - bte L8.10.01 1348 Louvain-la-Neuve Tel: +32 (0) 10 47 44 19 - Fax: +32 (0) 10 47 31 06

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: William Poncin

Useful Contact(s)

- Contact: Emmanuel Ugeux