

KINE1BA

2013 - 2014

Bachelor in Physiotherapy and Rehabilitation

At Louvain-la-Neuve - 180 credits - 3 years - Day schedule - In frenchDissertation/Graduation Project : **NO** - 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 code: **kine1ba** - European Qualifications Framework (EQF): 6**Table of contents**

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KINE1BA - Introduction

KINE1BA - Admission

Decree of March 31st 2004 defining higher education and favoring the integration of higher education and university refinancing in the European area)

The admission conditions must be fulfilled at the time of [enrolment at university](#).

[> General Condition](#)

[> Special Conditions](#)

[> Knowledge of the French language exam](#)

General Conditions

Except as otherwise provided by other special legal provisions and with a view to obtaining the academic degree that recognises them, admission to undergraduate courses is granted to students with either:

- A certificate of Further Secondary Education issued from the academic year 1993–1994 by a fully fledged secondary education establishment or a school of Continuing Education in the French Community and approved by the Board created for that purpose, and holders of the same certificate issued from the 1994 calendar year by the education board of the French Community;
- or a certificate of Further Secondary Education issued not later than the end of the school year 1992–1993 accompanied, for admission to degree-length undergraduate studies, by a proficiency diploma giving access to higher education;
- or a diploma issued by a higher education establishment of the French Community recognising an academic degree, or a diploma issued by a university institution or an establishment dispensing full-time higher education under previous legislation;
- or a higher education certificate issued by an improvement courses establishment;
- a pass certificate for one of the [entrance examinations](#) co-ordinated by the higher education establishments or by a French Community education board and whose curricula are approved by the Government after consultation, according to the sector, with the Interuniversity Council of the French Community (Conseil interuniversitaire de la Communauté française – CIUF) or the General Council of the Hautes Ecoles (Conseil général des Hautes Ecoles – CGHE); this certificate gives admission to studies in relevant sectors or fields;
- or a diploma, certificate or secondary school certificate similar to those mentioned above issued by the Flemish Community (this certificate does not give exemption from the [French Language Proficiency](#) exam), by the German-speaking Community or the Royal Military School;
- of a diploma, certificate or secondary school certificate outside Belgium and recognised as equivalent to those mentioned above.

Requests for equivalence must be submitted to the [Service des équivalences](#) of the Ministry of Higher Education and Scientific Research of the French Community of Belgium before 15 July 2013.

Notes: the two following certificates are automatically recognised as equivalent to the Certificate of Upper Secondary Education (Certificat d'enseignement secondaire supérieur – CESS): the European baccalaureat issued by the High Council of European Schools; the international baccalaureate issued by the International Baccalaureate Office, Geneva.

However, neither certificate automatically gives exemption from the [French Language Proficiency](#) exam;

- or a proficiency diploma giving access to higher education (diplôme d'aptitude à accéder à l'enseignement supérieur – DAES) conferred by the French Community examination board.

Exam of knowledge of the French language

Anyone not demonstrating sufficient [French language proficiency](#) will not be admitted to the first-year undergraduate examinations.

Special Conditions

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

Pass certificate for the [special entrance examination for undergraduate studies in engineering: civil engineering and architect](#).

Admission to these studies is always subject to passing the special entrance examination. The contents of the programme and the form of the examination may be obtained from the Secretariat of this faculty.

- Admission to **undergraduate studies in veterinary medicine**

[Admission to undergraduate studies in veterinary medicine is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

- Admission to **undergraduate studies in physiotherapy and rehabilitation**

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

- Admission to **undergraduate studies in psychology and education: speech and language therapy**

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

- Admission to **undergraduate studies in medicine and dental science**

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

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

KINE1BA - Information

Learning outcomes

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

Teaching method

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

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

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).

KINE1BA - Contacts

Curriculum Managment

Entite de la structure FSM

Acronyme	FSM	
Dénomination	Faculté des sciences de la motricité	
Adresse	Place Pierre de Coubertin, 1 bte L8.10.01 1348 Louvain-la-Neuve Tél 010 47 44 18 - Fax 010 47 31 06	
Secteur	Secteur des sciences de la santé (SSS)	
Faculté	Faculté des sciences de la motricité (FSM)	
Mandats	Catherine Behets Wydemans	Doyen
Commissions de 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)	

Jury

Présidence du jury de cycle : **Christine Detrembleur**

Usefull Contacts

Contact : **Emmanuel Ugeux**

Contact : **Catherine Behets Wydemans**

Contact : **Bénédicte Schepens**

Contact : **Patrick Willems**

KINE1BA - Detailed programme

Programme structure

Erreur de transformation xhtml vers fo pour 'structure' erreur=org.xml.sax.SAXParseException; lineNumber: 275; columnNumber: 1956; Des guillemets ouvrants sont attendus pour l'attribut "{1}" associé à un type d'élément "class".

Programme by subject

Year

1	2	3
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o Majeure (180 credits)

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

Code	Titre	Enseignant	Volume	Credits	Semestre	1	2	3
LIEPR1001	General chemistry and biomolecules	Patrick Henriet	30h+15h	5 Credits	1q	x		
LIEPR1002	Essentials of systematic and functional anatomy	Catherine Behets Wydemans (coord.), Marc Louis	45h	6 Credits			x	
LIEPR1028	Anatomy of the locomotor system and movement analysis	Catherine Behets Wydemans (coord.), Marc Louis, Jean-Louis Thonnard	52.5h +7.5h	7 Credits			x	
LIEPR1003	Treatment of data	Jean-Philippe Dupont, Philippe Gérard (coord.)	15h+15h	4 Credits			x	
LIEPR1004	Cell biology and fundamentals in histology	Catherine Behets Wydemans, Patrick Henriet	45h	5 Credits	2q	x		
LIEPR1011	Introduction à la mécanique	Vincent Legat, Emilie Marchandise, Patrick Willems	30h+15h	4 Credits	1q	x		
LIEPR1012	Mechanics and biomechanics	Guillaume Bastien (compensates Patrick Willems), Vincent Legat, Emilie Marchandise (coord.), Patrick Willems	30h+15h	4 Credits	2q	x		
LIEPR1023A	Sauvetage, réanimation et urgences de terrain (partim réanimation et urgence de terrain)	N.	15h+15h	3 Credits	1q		x	
LIEPR1021	Cellular physiology	Marc Francaux (coord.), Norman Heglund	30h	3 Credits	1q		x	
LIEPR1022	Systems Physiology	Nicolas Tajeddine	37.5h	4 Credits	2q		x	
LIEPR1024	Fundamentals of neurophysiology and neuropsychology in motor control and motor learning	Julie Duque, Marcus Missal (coord.)	45h	5 Credits	1q		x	
LIEPR1025	Physiology and biochemistry of exercise and nutrition	Sonia Brichard, Marc Francaux (coord.), Yvan Larondelle	75h+7.5h	8 Credits				x
LKINE1300	Méthodologie de la recherche en kinésithérapie et réadaptation	Julie Duque (coord.), Philippe Mahaudens, Gregory Reyckler	22.5h	3 Credits	2q			x
LIEPR1026	Statistics	Céline Bugli	15h+15h	3 Credits				x

o Formation de base en sciences humaines (6 credits)

LIEPR1006	Philosophy, the body and movement	Philippe Thiry	30h	3 Credits	1q	x		
LIEPR1007	Psychology	Anne De Volder, Guy Lories	30h	3 Credits			x	

o Formation théorique et pratique spécifique à la kinésithérapie (88 credits)

o LKINE1002	Handicaps and psychology	Anne De Volder	30h	3 Credits	2q	x				
o LKINE1003	Handicap and Rehabilitation	Christine Detrembleur	30h	3 Credits	1q	x				
o LKINE1004	Introduction to Ergonomy	Bénédicte Schepens	30h	3 Credits	2q	x				
o LKINE1005	Fundamentals of locomotory physiotherapy	Christine Detrembleur (coord.), Patrick Willems (coord.)	30h	3 Credits		x				
o LKINE1006	Fondements d'électrothérapie	Julie Duque	30h	3 Credits	2q	x				
o LKINE1021	Basics of physical therapy	Guillaume Bastien (coord.), Catherine Behets Wydemans, Yves Castille, Laurent Pitance (compensates Patrick Willems), Laurent Pitance, Jean-Louis Thonnard, Patrick Willems	10h +97.5h	8 Credits				x		
o LKINE1022	Pathologies and physical therapy of the musculo-skeletal system	Thierry Deltombe, Jean-Emile Dubuc, Philippe Mahaudens, Henri Nielens (coord.), Laurent Pitance, Anne Renders, Didier Schoevaerds	60h+30h	8 Credits	2q			x		
o LKINE1023	Pathologies and physical therapy of the cardio-respiratory system	Pierre Delguste (coord.), Gimbada Benny Mwenge, Gregory Reyckler, Jean Roeseler, Serge Theys, Olivier Van Caenegem	45h+30h	7 Credits				x		
o LKINE1024	Pathology and Physiotherapy of the nervous system	Philippe Hanson (coord.), Anne Jeanjean, Gaëtan Stoquart	30h+45h	7 Credits				x		
o LKINE1027	Introduction to pathology.	Bénédicte Delaere, Etienne Delgrange, Denis Jacques (coord.), Didier Schoevaerds, Nicolas Zdanowicz (coord.)	35h	3 Credits				x		
o LKINE1038	Biomechanics applied to physiotherapy	Philippe Mahaudens (coord.), Bénédicte Schepens (compensates Patrick Willems), Patrick Willems (coord.)	30h	3 Credits	2q					x
o LKINE1031	Complements physiotherapy and pathology of the musculoskeletal system	Xavier Banse, Thierry Deltombe (coord.), Philippe Mahaudens, Henri Nielens	20h+10h	3 Credits						x
o LKINE1041	Complements of Pathology and cardio-respiratory physiotherapy	Pierre Delguste (coord.), Gregory Reyckler, Jean Roeseler, Xavier Wittebole	30h	3 Credits	2q					x
o LKINE1033	Seminar of motor re-education and physiotherapy	Dominique Bragard, Thierry Deltombe, Christine Detrembleur (coord.), Thierry Lejeune, Jean-Louis Thonnard	0h+7.5h	3 Credits						x
o LKINE1036	Complements of Neurophysiology	André Mouraux, Etienne Olivier (coord.), Yves Vandermeeren	30h	3 Credits						x

						Year		
						1	2	3
○ LKINE9034	Stages cliniques (4 mois)	N.		23 Credits				x
○ LKINE9035	Rapports de stages (4 mois de stages)	N.		2 Credits				x

○ Formation motrice (12 credits)

○ LKINE1001	Basic psychomotor skills	Thierry Marique	30h+30h	4 Credits		x		
○ LKINE1025	Physical activities and sports	Thierry Marique	0h+30h	2 Credits	1+2q		x	
○ LKINE1026	Aquatics and safety issues	Thierry Marique	7.5h+30h	2 Credits			x	
○ LKINE1234	Psychomotor therapy	Christine Detrembleur	7.5h+15h	4 Credits			x	

○ Formation en langues (6 credits)

○ LANGL1851	English Listening & Reading Comprehension	Fanny Desterbecq, Dominique François, Céline Gouverneur, Jean-Paul Nyssen (coord.), Albert Verhaegen	60h	4 Credits	1+2q		x	
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○ L'étudiant choisit entre :

⊗ LANGL2451	English - communication skills	Philippe Denis, Claudine Grommersch (coord.), Nathalie Heiderscheidt, Brigitte Loosen, Jean-Paul Nyssen, Katherine Opello	30h	2 Credits	2q			x
⊗ LNEER2451	Dutch communication skills for students in Physiotherapy, Sports and Physical Training	Katrien De Rycke, Mariska Mestdagh (compensates Katrien De Rycke)	30h	2 Credits	2q			x

○ Cours au choix : (4 credits)

⊗ LKINE1039	Technology & Rehabilitation	Norman Heglund, Norman Heglund (compensates Patrick Willems), Patrick Willems	45h+15h	4 Credits	2q			x
⊗ LKINE1040	Ergonomy and readaptation	Bénédicte Schepens (coord.), Jean-Louis Thonnard	45h+15h	4 Credits	2q			x
⊗ LIEPR1027	Adapted physical activity	Yannick Bleyenheuft, Daniel Theisen	30h+30h	4 Credits	2q			x
⊗ LKINE1390	Didactique des enseignements en kinésithérapie, 1re partie	Philippe Mahaudens	10h+50h	4 Credits	2q			x

Programme year by year

KINE1BA - FIRST YEAR

○ Mandatory

△ Courses not taught during 2013-2014

⊕ Periodic courses taught during 2013-2014

⊗ Optional

⊖ Periodic courses not taught during 2013-2014

‡ Two years course

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

○ Majeure

○ Formation de base en sciences exactes et biomédicales

○ LIEPR1001	General chemistry and biomolecules	Patrick Henriët	30h+15h	5 Credits	1q
○ LIEPR1002	Essentials of systematic and functional anatomy	Catherine Behets Wydemans (coord.), Marc Louis	45h	6 Credits	
○ LIEPR1028	Anatomy of the locomotor system and movement analysis	Catherine Behets Wydemans (coord.), Marc Louis, Jean-Louis Thonnard	52.5h +7.5h	7 Credits	
○ LIEPR1003	Treatment of data	Jean-Philippe Dupont, Philippe Gérard (coord.)	15h+15h	4 Credits	
○ LIEPR1004	Cell biology and fundamentals in histology	Catherine Behets Wydemans, Patrick Henriët	45h	5 Credits	2q
○ LIEPR1011	Introduction à la mécanique	Vincent Legat, Emilie Marchandise, Patrick Willems	30h+15h	4 Credits	1q
○ LIEPR1012	Mechanics and biomechanics	Guillaume Bastien (compensates Patrick Willems), Vincent Legat, Emilie Marchandise (coord.), Patrick Willems	30h+15h	4 Credits	2q

○ Formation de base en sciences humaines

○ LIEPR1006	Philosophy, the body and movement	Philippe Thiry	30h	3 Credits	1q
○ LIEPR1007	Psychology	Anne De Volder, Guy Lories	30h	3 Credits	

○ Formation théorique et pratique spécifique à la kinésithérapie

○ LKINE1002	Handicaps and psychology	Anne De Volder	30h	3 Credits	2q
○ LKINE1003	Handicap and Rehabilitation	Christine Detrembleur	30h	3 Credits	1q
○ LKINE1004	Introduction to Ergonomy	Bénédicte Schepens	30h	3 Credits	2q
○ LKINE1005	Fundamentals of locomotory physiotherapy	Christine Detrembleur (coord.), Patrick Willems (coord.)	30h	3 Credits	
○ LKINE1006	Fondements d'électrothérapie	Julie Duque	30h	3 Credits	2q

○ Formation motrice

○ LKINE1001	Basic psychomotor skills	Thierry Marique	30h+30h	4 Credits	
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KINE1BA - SECOND YEAR

● Mandatory

△ Courses not taught during 2013-2014

⊕ Periodic courses taught during 2013-2014

⊗ Optional

⊖ Periodic courses not taught during 2013-2014

‡ Two years course

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)	N.	15h+15h	3 Credits	1q
● LIEPR1021	Cellular physiology	Marc Francaux (coord.), Norman Heglund	30h	3 Credits	1q
● LIEPR1022	Systems Physiology	Nicolas Tajeddine	37.5h	4 Credits	2q
● LIEPR1024	Fundamentals of neurophysiology and neuropsychology in motor control and motor learning	Julie Duque, Marcus Missal (coord.)	45h	5 Credits	1q

o Formation théorique et pratique spécifique à la kinésithérapie

● LKINE1021	Basics of physical therapy	Guillaume Bastien (coord.), Catherine Behets Wydemans, Yves Castille, Laurent Pitance (compensates Patrick Willems), Laurent Pitance, Jean-Louis Thonnard, Patrick Willems	10h +97.5h	8 Credits	
● LKINE1022	Pathologies and physical therapy of the musculo-skeletal system	Thierry Deltombe, Jean-Emile Dubuc, Philippe Mahaudens, Henri Nielens (coord.), Laurent Pitance, Anne Renders, Didier Schoevaerdt	60h+30h	8 Credits	2q
● LKINE1023	Pathologies and physical therapy of the cardio-respiratory system	Pierre Delguste (coord.), Gimbada Benny Mwenge, Gregory Reychler, Jean Roeseler, Serge Theys, Olivier Van Caenegem	45h+30h	7 Credits	
● LKINE1024	Pathology and Physiotherapy of the nervous system	Philippe Hanson (coord.), Anne Jeanjean, Gaëtan Stoquart	30h+45h	7 Credits	
● LKINE1027	Introduction to pathology.	Bénédicte Delaere, Etienne Delgrange, Denis Jacques (coord.), Didier Schoevaerdt, Nicolas Zdanowicz (coord.)	35h	3 Credits	

o Formation motrice

● LKINE1025	Physical activities and sports	Thierry Marique	0h+30h	2 Credits	1+2q
● LKINE1026	Aquatics and safety issues	Thierry Marique	7.5h+30h	2 Credits	
● LKINE1234	Psychomotor therapy	Christine Detrembleur	7.5h+15h	4 Credits	

o Formation en langues

● LANGL1851	English Listening & Reading Comprehension	Fanny Desterbecq, Dominique François, Céline Gouverneur, Jean-Paul Nyssen (coord.), Albert Verhaegen	60h	4 Credits	1+2q
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KINE1BA - THIRD YEAR

● Mandatory

△ Courses not taught during 2013-2014

⊕ Periodic courses taught during 2013-2014

⊗ Optional

⊖ Periodic courses not taught during 2013-2014

‡ Two years course

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

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

● LIEPR1025	Physiology and biochemistry of exercise and nutrition	Sonia Brichard, Marc Francaux (coord.), Yvan Larondelle	75h+7.5h	8 Credits	
● LKINE1300	Méthodologie de la recherche en kinésithérapie et réadaptation	Julie Duque (coord.), Philippe Mahaudens, Gregory Reyhler	22.5h	3 Credits	2q
● LIEPR1026	Statistics	Céline Bugli	15h+15h	3 Credits	

o Formation théorique et pratique spécifique à la kinésithérapie

● LKINE1038	Biomechanics applied to physiotherapy	Philippe Mahaudens (coord.), Bénédicte Schepens (compensates Patrick Willems), Patrick Willems (coord.)	30h	3 Credits	2q
● LKINE1031	Complements physiotherapy and pathology of the musculoskeletal system	Xavier Banse, Thierry Deltombe (coord.), Philippe Mahaudens, Henri Nielens	20h+10h	3 Credits	
● LKINE1041	Complements of Pathology and cardio-respiratory physiotherapy	Pierre Delguste (coord.), Gregory Reyhler, Jean Roeseler, Xavier Wittebole	30h	3 Credits	2q
● LKINE1033	Seminar of motor re-education and physiotherapy	Dominique Bragard, Thierry Deltombe, Christine Detrembleur (coord.), Thierry Lejeune, Jean-Louis Thonnard	0h+7.5h	3 Credits	
● LKINE1036	Complements of Neurophysiology	André Mouraux, Etienne Olivier (coord.), Yves Vandermeeren	30h	3 Credits	
● LKINE9034	Stages cliniques (4 mois)	N.		23 Credits	
● LKINE9035	Rapports de stages (4 mois de stages)	N.		2 Credits	

o Formation en langues**o L'étudiant choisit entre :**

⊗ LANGL2451	English - communication skills	Philippe Denis, Claudine Grommersch (coord.), Nathalie Heiderscheidt, Brigitte Loosen, Jean-Paul Nyssen, Katherine Opello	30h	2 Credits	2q
⊗ LNEER2451	Dutch communication skills for students in Physiotherapy, Sports and Physical Training	Katrien De Rycke, Mariska Mestdagh (compensates Katrien De Rycke)	30h	2 Credits	2q

o Cours au choix :

⌘ LKINE1039	Technology & Rehabilitation	Norman Heglund, Norman Heglund (compensates Patrick Willems), Patrick Willems	45h+15h	4 Credits	2q
⌘ LKINE1040	Ergonomy and readaptation	Bénédicte Schepens (coord.), Jean-Louis Thonnard	45h+15h	4 Credits	2q
⌘ LIEPR1027	Adapted physical activity	Yannick Bleyenheuft, Daniel Theisen	30h+30h	4 Credits	2q
⌘ LKINE1390	Didactique des enseignements en kinésithérapie, 1re partie	Philippe Mahaudens	10h+50h	4 Credits	2q

List of available minors

During his bachelor's studies, the student may choose from the following options : a collection of courses, a personal projet and associated work experience in domains specific to Re-education : in Ergonomy, Technology and adapted physical and sportive activities. This provides an opening to Re-education and is complementary to the theoretical and practical training in kinesitherapeutic techniques. a collection of courses in other faculties or departments (Management, Public Health, Statistics, Philosophy, etc...) studies orientated towards scientific research, via a personal piece of work or laboratory work experience.

