

**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 l'éducation et Enseignement**

Organized by: **Faculty of Science (SC)**

Programme acronym: **MATH2M5**

## Table of contents

Introduction .....	2
Teaching profile .....	3
Learning outcomes .....	3
Programme .....	3
Detailed programme by subject .....	3
Supplementary classes .....	6
The programme's courses and learning outcomes .....	7
Information .....	8
Access Requirements .....	8
Evaluation .....	10

## MATH2M5 - Introduction

### Introduction

---

## MATH2M5 - Teaching profile

### Learning outcomes

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

- 1
- 2
- 3
- 4
- 5

## MATH2M5 Programme

### Detailed programme by subject

#### CORE COURSES

- Mandatory
- ⊗ Optional
- △ Not offered in 2026-2027
- ⊖ Not offered in 2026-2027 but offered the following year
- ⊕ Offered in 2026-2027 but not the following year
- △ ⊕ Not offered in 2026-2027 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 Didactique et Pédagogie (20 credits)

##### o Un cours parmi :

⊗ LEISS2101	<a href="#">General pedagogy</a> <i>Cours dispensé à LLN en horaire de jour</i>		[FR] [q1] [37.5h] [5 Credits] 🌐
⊗ LEISS2102	<a href="#">General pedagogy</a> <i>Cours dispensé à LLN en horaire décalé</i>		[FR] [q1] [37.5h] [5 Credits] 🌐
⊗ MEISS2103	<a href="#">General pedagogy</a> <i>Cours dispensé à Mons en horaire décalé</i>		[FR] [q1] [30h] [5 Credits] 🌐
○ LMAT2360	<a href="#">Teaching and learning core mathematics</a>		[FR] [q1] [37.5h] [5 Credits] 🌐
○ LMAT2320A	<a href="#">Didactics and epistemology of mathematics - Part A (general questions)</a>		[FR] [q1] [22.5h+7.5h] [3 Credits] 🌐
○ LMAT2320B	<a href="#">Didactics and epistemology of mathematics - Part B (specialised questions)</a>		[FR] [q2] [22.5h+7.5h] [3 Credits] 🌐
○ LMAT2330	<a href="#">Seminar on the teaching of mathematics</a>	Enrico Vitale	[FR] [q1+q2] [15h+30h] [4 Credits] 🌐

**⌘ En remplacement de LMAT2330**

En fonction de la formation précédente et de l'expérience professionnelle, l'étudiant-e peut faire une demande au jury pour remplacer le cours LMAT2330 par un des cours suivants :

⌘ LMAT2335	Mathematical didactics workshop	Laure Ninove	5.0 [q1+q2] [0h+45h] [5 Credits]
⌘ LPHYS2320C	Didactics ans epistemology of science and physics - D2 and listening internship		4.0 [q1] [22.5h+7.5h] [4 Credits]

**o Sciences humaines et sociales (15 credits)****o Un cours parmi :**

⌘ LEISS2201	Developmental and learning psychology Cours dispensé à LLN en horaire de jour	Véronique Leroy (compensates Baptiste Barbot) Nathalie Roland Morgane Senden	4.0 [q2] [37.5h+15h] [4 Credits]
⌘ LEISS2202	Developmental and learning psychology Cours dispensé à LLN en horaire décalé	Véronique Leroy Nathalie Roland Morgane Senden	4.0 [q2] [37.5h+15h] [4 Credits]

**o Un cours parmi :**

⌘ LEISS2203	Social, cultural, and political approaches to education Cours dispensé à LLN en horaire de jour	Branka Cattonar Vincent Dupriez	4.0 [q2] [37.5h+15h] [4 Credits]
⌘ LEISS2204	Social, cultural, and political approaches to education Cours dispensé à LLN en horaire décalé	Branka Cattonar Vincent Dupriez	4.0 [q2] [37.5h+15h] [4 Credits]

**o Un cours parmi :**

⌘ LEISS2205	Ethics of education, neutrality, and citizenship Cours dispensé à LLN en horaire de jour	Hervé Pourtois	4.0 [q2] [22.5h] [2 Credits]
⌘ LEISS2206	Ethics of education, neutrality, and citizenship Cours dispensé à LLN en horaire décalé	John Pitseys	4.0 [q2] [22.5h] [2 Credits]

**o Un cours parmi :**

⌘ LEISS2104	Communication in school contexts Cours dispensé à LLN en horaire de jour		4.0 [q1] [22.5h+15h] [5 Credits]
⌘ LEISS2105	Communication in school contexts Cours dispensé à LLN en horaire décalé		4.0 [q1] [22.5h+15h] [5 Credits]
⌘ MEISS2106	Communication in school contexts Cours dispensé à Mons en horaire décalé		4.0 [q1] [15h+15h] [5 Credits]

**o Stages (20 credits)**

o LMAT2370	Observation internship in common core mathematics (24 hours) and support seminar		4.0 [q1] [15h] [5 Credits]
o LMAT2350	Long internship (125 hours) and accompanying seminar in mathematics [M]		4.0 [q1+q2] [45h+22.5h] [15 Credits]

**o Recherche et intégration (5 credits)**

Les deux UE doivent obligatoirement être suivies la même année.

o LEISS2900	Methodology of research uses Cours dispensé à LLN en horaire décalé	Stéphane Colognesi	4.0 [q1+q2] [15h] [2 Credits]
o LSCI2340	Integrated work and integrated work support seminar	Myriam De Kesel Gabriel Dias de Carvalho Junior Laure Ninove	4.0 [q1+q2] [30h+22.5h] [3 Credits]

**o Maîtrise de la langue française**

## Une épreuve liminaire de maîtrise de la langue française (EMLF) devra être présentée par les étudiants inscrits en master en enseignement (section 4 et section 5). Cet examen OBLIGATOIRE est généralement organisé le 3e mardi d'octobre. Le seuil de réussite de l'examen est fixé à 10/20. En cas d'échec, l'étudiant.e se verra ajouter à son PAE une UE de 5 crédits portant sur la maîtrise de la langue française. Il ne pourra en aucun cas être diplômé si cette UE n'est pas réussie. Inscription à l'épreuve liminaire via la plateforme de l'EMLF. [Pour plus d'information](#)

From 0 to 5credit(s)

o LEISS2207	French language mastery for teaching L'UE sera retirée du programme annuel de l'étudiant en cas de réussite de l'épreuve liminaire	Caroline Scheepers	4.0 [q2] [37.5h+7.5h] [5 Credits]
-------------	---	--------------------	-----------------------------------



## Supplementary classes

**To access this Master, students must have a good command of certain subjects. If this is not the case, in the first annual block of their Masters programme, students must take supplementary classes chosen by the faculty to satisfy course prerequisites.**

- Mandatory
- ⊗ Optional
- △ Not offered in 2026-2027
- ⊙ Not offered in 2026-2027 but offered the following year
- ⊕ Offered in 2026-2027 but not the following year
- △ ⊕ Not offered in 2026-2027 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...)

⊗ LMAT1141	<a href="#">Geometry I</a>	<a href="#">Pascal Lambrechts</a>	(FR) [q2] [45h+30h] [7 Credits] 🌐
⊗ LMAT1221	<a href="#">Mathematical analysis : integration</a>	<a href="#">Heiner Olbermann</a>	(FR) [q1] [30h+30h] [5 Credits] 🌐 > English-friendly
⊗ LMAT1231	<a href="#">Multilinear algebra and group theory</a>	<a href="#">Pierre-Emmanuel Caprace</a>	(FR) [q1] [30h+30h] [5 Credits] 🌐 > English-friendly
⊗ LMAT1271	<a href="#">Calculation of probability and statistical analysis</a>	<a href="#">Anna Kiriliouk</a>	(FR) [q2] [30h+30h] [6 Credits] 🌐 > English-friendly
⊗ LMAT1323	<a href="#">Topology</a>	<a href="#">Pedro Dos Santos Santana Forte Vaz</a>	(FR) [q1] [30h+15h] [5 Credits] 🌐 > English-friendly

## 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.



	Access based on application
	Access based on application
	Access based on application
	Access based on application
	Access based on application
	Access based on application
	Access based on application
	Access based on application
	Access based on application
	Access based on application
	Access based on application
	Access based on application
	Access based on application
	Access based on application

**Access based on validation of professional experience**

**Access based on application**

**Admission and Enrolment Procedures for general registration**

## Evaluation

---

***The evaluation methods comply with the [Academic regulations and procedures](#). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".***

