



The version you're consulting is not definitive. This programme still may change. The final version will be published on 1th June.

**At Louvain-la-Neuve - 120 credits - 2 years - 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: **GEOG2M4**

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## GEOG2M4 - Introduction

### Introduction

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## GEOG2M4 - Teaching profile

### Learning outcomes

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

- 1
- 2
- 3
- 4

## GEOG2M4 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...)

Year

1 2

#### o Didactique et pédagogie (25 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] 🌐	X
⊗ LEISS2102	<a href="#">General pedagogy</a> <i>Cours dispensé à LLN en horaire décalé</i>	FR [q1] [37.5h] [5 Credits] 🌐	X
⊗ MEISS2103	<a href="#">General pedagogy</a> <i>Cours dispensé à Mons en horaire décalé</i>	FR [q1] [30h] [5 Credits] 🌐	X
○ LEISS2107	<a href="#">School and diversities</a>	FR [q1] [22.5h+15h] [5 Credits] 🌐	X
○ LFIAL2003	<a href="#">Teaching and learning the humanities in the core curriculum</a>	FR [q1] [37.5h] [5 Credits] 🌐	X
○ LGEO2320A	<a href="#">Didactics and epistemology of geography - Part A (general questions)</a>	FR [q1] [22.5h+7.5h] [3 Credits] 🌐	X
○ LGEO2320B	<a href="#">Didactics and epistemology of geography - Part B (specialised questions)</a>	FR [q2] [22.5h+7.5h] [3 Credits] 🌐	X

##### o Un cours parmi :

⊗ LAGES2300	<a href="#">Didactique des sciences sociales</a>	FR [q1] [45h+15h] [8 Credits] 🌐	X
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				Year	
				1	2
✘ LCHM2320C	Didactics and epistemology of science and chemistry - D2 and listening internship		FR [q1] [15h+15h] [4 Credits] 🌐		X
✘ LPHYS2320C	Didactics and epistemology of science and physics - D2 and listening internship		FR [q1] [22.5h+7.5h] [4 Credits] 🌐		X
✘ LBIO2320C	Didactics and epistemology of science and biology - D2 and listening internship		FR [q1] [22.5h+7.5h] [4 Credits] 🌐		X

## 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	FR [q2] [37.5h+15h] [4 Credits] 🌐	X	
✘ LEISS2202	Developmental and learning psychology Cours dispensé à LLN en horaire décalé	Véronique Leroy Nathalie Roland	FR [q2] [37.5h+15h] [4 Credits] 🌐	X	

### o Un cours parmi :

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

### o Un cours parmi :

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

### o Un cours parmi :

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

## o Stages (20 credits)

o LHIST9101	Observation internship and support seminar in basic education the Humanities classes		FR [q1] [15h] [5 Credits] 🌐	X	
o LGEO2350	Long internship (90 hours) and accompanying seminar in geography		FR [q1+q2] [45h+22.5h] [15 Credits] 🌐	X	

## o Formation disciplinaire (40 credits)

o LGEO2110	Globalisation, development and environment	Eric Lambin	FR [q1] [30h+30h] [5 Credits] 🌐	X	
o LGEO2210	Shaping sustainable urban areas	Erasmus Zu Ermgassen	FR [q1] [30h] [4 Credits] 🌐 > English-friendly	X	
o LGEO2240	Tectonic geomorphology [M]	Veerle Vanacker	EN [q1] [30h+30h] [5 Credits] 🌐	X	
o LGEO2250	Mesures de terrain en géographie	Kristof Van Oost	FR [q2] [30h+30h] [4 Credits] 🌐	X	

### o Un terrain parmi les deux (organisés à tour de rôle, un an sur deux)

✘ LGEO2170	Field Excursion	Eric Lambin	FR [q2] [60h+30h] [5 Credits] 🌐	X	X
✘ LGEO2270	Terrain II en géographie		FR [q2] [60h+30h] [5 Credits] 🌐	X	X

### o Minimum 17 crédits parmi :

✘ LGEO2120	Applied geomorphology	Armando Molina Verdugo	EN [q1] [30h+30h] [4 Credits] 🌐	X	X
✘ LGEO2130	Fundamentals of geographic and environmental modelling	Eric Deleersnijder Sophie Vanwambeke	FR [q2] [30h+30h] [5 Credits] 🌐	X	X

				Year	
				1	2
⊗ LGEO2140	Global environmental challenges in the Anthropocene	Kristof Van Oost Veerle Vanacker	EN [q2] [30h+30h] [5 Credits] 🌐	X	X
⊗ LGEO2160	Integrated project in sustainability [M]		EN [q1] [30h+30h] [4 Credits] 🌐	X	X
⊗ LGEO2185	Advanced geo-processing	Kristof Van Oost	EN [q2] [30h+30h] [5 Credits] 🌐	X	X
⊗ LGEO2211	Advanced statistical methods in geography		EN [q1] [30h+30h] [5 Credits] 🌐	X	X
⊗ LGEO2220	History of geography		FR [q1] [22.5h] [4 Credits] 🌐	X	X
⊗ LGEO2230	Medical and health geography		FR [q1] [30h+30h] [5 Credits] 🌐	X	X
⊗ LBIR1336	Soil science and integrated excursions	Yannick Agnan (coord.) Richard Lambert Caroline Vincke	FR [q2] [30h+37.5h] [5 Credits] 🌐 > English-friendly	X	X
⊗ LBRAT2101B	Aménagement du territoire: Principes		FR [q1] [45h] [3 Credits] 🌐	X	X
⊗ LURBA2930	Territorial processes and development models		FR [q1] [30h] [3 Credits] 🌐	X	X
⊗ LURBA2960	Mobility, urbanism and territorial development		FR [q1] [30h] [3 Credits] 🌐	X	X
⊗ LDVLP2325	Geopolitics of natural resources	Vincent Legrand	FR [q1] [30h] [5 Credits] 🌐	X	X
⊗ LDVLP2675	Dynamics of development - environment inter-actions	An Ansoms	FR [q2] [30h] [5 Credits] 🌐	X	X
⊗ LBIO1217	Ecology II		EN [q2] [30h+10h] [3 Credits] 🌐 > French-friendly	X	X
⊗ LBOE2120	Conservation de la biodiversité	Nicolas Schtickzelle	FR [q1] [45h+15h] [4 Credits] 🌐	X	X
⊗ LBOE2140	Landscape ecology	Hans Van Dyck	EN [q1] [30h+30h] [4 Credits] 🌐	X	X
⊗ LBOE2150	Movement ecology		EN [q1] [22.5h+7.5h] [2 Credits] 🌐	X	X
⊗ LBOE2161	Behavioral ecology and sociobiology		FR [q2] [30h+15h] [4 Credits] 🌐	X	X
⊗ LBOE2191	Ecology and society		FR [q2] [30h] [2 Credits] 🌐	X	X
⊗ LBIRE2104	Applied soil sciences	Yannick Agnan Pierre Delmelle (coord.)	FR [q1] [22.5h+22.5h] [4 Credits] 🌐 > English-friendly	X	X
⊗ LBIRA2105	Agricultural and rural policies	Goedele Van den Broeck	EN [q1] [30h] [3 Credits] 🌐 > French-friendly	X	X
⊗ LBRES2101B	Smart technologies for environmental engineering		EN [q1] [22.5h+15h] [3 Credits] 🌐 > French-friendly	X	X
⊗ LENVI2007	Renewable energy sources	Emmanuel De Jaeger Patrick Gerin (coord.) Hervé Jeanmart	EN [q1] [45h+15h] [5 Credits] 🌐 > French-friendly	X	X
⊗ LDEMO2130	Theories of socio-demographic change	Philippe Bocquier Ester Lucia Rizzi	FR [q2] [30h] [5 Credits] 🌐 > English-friendly	X	X
⊗ LDEMO2640	"Big data" : capture et analyse de données massives	Christine Schnor	FR [q2] [20h] [3 Credits] 🌐	X	X
⊗ LDROP2061	Sustainable Development Law	Charles-Hubert Born	FR [q2] [30h] [5 Credits] 🌐	X	X
⊗ LECON2041	International Trade	Gonzague Vannoorenberghe	EN [q2] [30h] [5 Credits] 🌐	X	X
⊗ LECON2314	Economic Geography	Joseph Gomes	EN [q2] [30h] [5 Credits] 🌐	X	X
⊗ LSPRI2020	Relations internationales contemporaines [M]	Michel Liegeois	FR [q1] [30h] [5 Credits] 🌐	X	X

### o Recherche et intégration (20 credits)

Les trois UE doivent obligatoirement être suivies la même année.

⊙ LEISS2902	Introduction to educational research Cours dispensé à LLN en horaire de jour		FR [q1] [15h] [2 Credits] 🌐		X
⊙ LSCI2350	Master thesis		FR [q1+q2] [ ] [15 Credits] 🌐		X

### o Séminaire d'accompagnement au choix

⊗ LSCI2351	Master thesis support seminar		FR [q1+q2] [22.5h+22.5h] [3 Credits] 🌐		X
⊗ LEISS2903	Master's thesis support seminar [C]		FR [q1+q2] [22.5h+22.5h] [3 Credits] 🌐		X
⊗ LEISS2904	Séminaire transversal d'accompagnement du mémoire - 2 [C]		FR [q1+q2] [22.5h+22.5h] [3 Credits] 🌐		X

### 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)

<input checked="" type="radio"/> LEISS2207	<b>French language mastery for teaching</b> L'UE sera retirée du programme annuel de l'étudiant en cas de réussite de l'épreuve liminaire		10 [q2] [37.5h+7.5h] [5 Credits] ⓘ	x
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## 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
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- ⊕ Offered in 2026-2027 but not the following year
- △ ⊕ Not offered in 2026-2027 or the following year
- Activity with requisites
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Click on the course title to see detailed informations (objectives, methods, evaluation...)

⊗ LGEO1111	<a href="#">Earth and society : perspectives from geography</a>	Eric Lambin	(FR) [q2] [30h+15h] [5 Credits] 🌐
⊗ LGEO1181	<a href="#">Geography in action</a>	Patrick Meyfroidt	(FR) [q1+q2] [15h+30h] [4 Credits] 🌐
⊗ LBIR1130	<a href="#">Introduction to Earth sciences</a>		(FR) [q2] [30h+30h] [5 Credits] 🌐
⊗ LCHM1112	<a href="#">General Chemistry</a>	Yaroslav Filinchuk	(FR) [q1] [30h+22.5h] [5 Credits] 🌐
⊗ LESPO1118	<a href="#">Economic Policy</a>		(FR) [q1] [30h+10h] [6 Credits] 🌐
⊗ LGEO1221	<a href="#">Elements of human geography</a>	Sophie Vanwambeke	(FR) [q1] [30h+30h] [5 Credits] 🌐
⊗ LGEO1231	<a href="#">Physical geography</a>	Veerle Vanacker	(FR) [q1] [30h+30h] [5 Credits] 🌐
⊗ LGEO1232	<a href="#">The climate and its changes</a>	Michel Crucifix Kristof Van Oost	(FR) [q2] [30h] [5 Credits] 🌐
⊗ LGEO1241	<a href="#">Cartography and spatial data analysis</a>	Patrick Meyfroidt	(FR) [q2] [30h+30h] [5 Credits] 🌐
⊗ LGEO1242	<a href="#">Cartographic projections and geodesy</a>	Michel Crucifix	(FR) [q2] [30h+15h] [5 Credits] 🌐
⊗ LGEO1251	<a href="#">Earth's history</a>	Veerle Vanacker	(FR) [q2] [30h+60h] [6 Credits] 🌐 > English-friendly
⊗ LGEO1252	<a href="#">Integrated project in geography</a>	Veerle Vanacker Sophie Vanwambeke	(FR) [q2] [30h+30h] [4 Credits] 🌐 > English-friendly
⊗ LGEO1341	<a href="#">Statistical analysis in geography</a>	Erasmus Zu Ermgassen	(FR) [q1] [30h+30h] [5 Credits] 🌐
⊗ LGEO1342	<a href="#">Geographical Information Systems (GIS)</a>	Sophie Vanwambeke	(FR) [q1] [30h+30h] [5 Credits] 🌐
⊗ LGEO1343	<a href="#">Earth observation by satellite</a>		(FR) [q1] [30h+30h] [5 Credits] 🌐
⊗ LGEO1381	<a href="#">Belgium geography</a>		(FR) [q1+q2] [30h+30h] [6 Credits] 🌐 > English-friendly
⊗ LBIR1336	<a href="#">Soil science and integrated excursions</a>	Yannick Agnan (coord.) Richard Lambert Caroline Vincke	(FR) [q2] [30h+37.5h] [5 Credits] 🌐 > English-friendly
⊗ LPHY1365	<a href="#">Meteorology</a>	Thierry Fichet François Massonnet	(FR) [q2] [37.5h+22.5h] [5 Credits] 🌐

## Course prerequisites

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There are no prerequisites between course units (CUs) for this programme, i.e. the programme activity (course unit, CU) whose learning outcomes are to be certified and the corresponding credits awarded by the jury before registration in another CU.

## The programme's courses and learning outcomes

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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.

**GEOG2M4 - Information**

**Access Requirements**

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**SUMMARY**

- > [General access requirements](#)
- > [Specific access requirements](#)
- > [University Bachelors](#)
- > [Non university Bachelors](#)
- > [Holders of a 2nd cycle University degree](#)
- > [Access based on validation of professional experience](#)
- > [Access based on application](#)
- > [Admission and Enrolment Procedures for general registration](#)

**University Bachelors**

Diploma	Special Requirements	Access	Remarks
<b>UCLouvain Bachelors</b>			
		Direct access	
		<a href="#">Access based on application</a>	
		<a href="#">Access based on application</a>	
		<a href="#">Access based on application</a>	
		<a href="#">Access based on application</a>	
		<a href="#">Access based on application</a>	
		<a href="#">Access based on application</a>	
		<a href="#">Access based on application</a>	
		<a href="#">Access based on application</a>	
		<a href="#">Access based on application</a>	
<b>Others Bachelors of the French speaking Community of Belgium</b>			
		Direct access	
		<a href="#">Access based on application</a>	
		<a href="#">Access based on application</a>	
		<a href="#">Access based on application</a>	
		<a href="#">Access based on application</a>	
		<a href="#">Access based on application</a>	
<b>Bachelors of the Dutch speaking Community of Belgium</b>			
<b>Foreign Bachelors</b>			

**Non university Bachelors**

**Holders of a 2nd cycle University degree**

Diploma	Special Requirements	Access	Remarks
<b>"Licenciés"</b>			
<b>Masters</b>			

**Access based on validation of professional experience**

**Access based on application**

**Admission and Enrolment Procedures for general registration**

## Evaluation

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***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".***

