

At Louvain-la-Neuve - 120 credits - 2 years - Day schedule - In French

Dissertation/Graduation Project : **YES** - Internship : **optional**

Activities in English: **YES** - Activities in other languages : **NO**

Activities on other sites : **NO**

Main study domain : **Sciences**

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

Programme acronym: **GEOG2M**

GEOG2M - Introduction

Introduction

2. Evaluer des projets
 3. Développer des outils d'aide à la décision
 8. Intervenir dans la gestion des ressources et aborder la vie professionnelle
 - 8.1. Construire un diagnostic sur un territoire et sur la gestion des ressources de ce territoire.
 - 8.2. Evaluer des projets de développement territorial.
 - 8.3. Développer des outils d'aide à la décision.
 - 8.4. Concevoir des solutions dans le domaine de la gestion des ressources et de l'aménagement du territoire.
 - 8.5. Tester les solutions et évaluer les impacts suivant des objectifs de développement durable.
 9. S'il choisit la finalité didactique, mobiliser les compétences nécessaires pour entamer efficacement le métier d'enseignant du secondaire supérieur, en géographie, et pouvoir y évoluer positivement
 - 9.1. Intervenir en contexte scolaire, en partenariat avec différents acteurs.
 - 9.2. Enseigner des situations authentiques et variées.
 - 9.3. Exercer un regard réflexif et se projeter dans une logique de développement continu.
- Pour plus de détails, consultez l'[Agrégation de l'enseignement secondaire supérieur \(sciences géographiques\)](#).
10. S'il choisit la finalité approfondie, mobiliser les compétences nécessaires pour réaliser un travail de recherche
 - 10.1. Maîtriser les techniques de mesure en laboratoire et sur le terrain.
 - 10.2. Réaliser des enquêtes de terrain.
 - 10.3. Exploiter la banque de données spatiales.
 - 10.4. Traiter des données avec des outils d'analyse statistique appropriés.
 - 10.5. Manipuler des logiciels d'information géographique sophistiqués.

Programme structure

The programme comprises core subjects of 60 credits, 30 credits for the focus (research or teaching) and 30 credits for optional subjects.

GEOG2M Programme

Detailed programme by subject

CORE COURSES [60.0]

- 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

1 2

● LGEO2110	Mondialisation, développement et environnement	Eric Lambin	FR [q1] [30h+30h] [5 Credits] 🌐
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LIST OF FOCUSES

- > [Research Focus](#) [en-prog-2023-geog2m-lgeog200a]
- > [Teaching Focus](#) [en-prog-2023-geog2m-lgeog200d]

RESEARCH FOCUS [30.0]

- Mandatory
 - ⊗ Optional
 - △ Not offered in 2023-2024
 - ∅
-

TEACHING FOCUS [30.0]

IMPORTANT NOTE: In accordance with article 138 para. 4 of the decree of 7 November 2013 concerning higher education and the academic organisation of studies, teaching practice placements will not be assessed in the September session. Students are required to make every effort to successfully complete the teaching practice in the June session, subject to having to retake the year.

- Mandatory
- ⊗ Optional
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Year

Cours au choix [30.0]

COURS AU CHOIX [30.0]

- Mandatory
- ⊗ Optional
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Year

1 2

o Content:

⊗ Choix parmi des cours de géographie

L'étudiant-e peut choisir dans cette liste uniquement s'il n'a pas suivis ces cours ou un équivalent précédemment.

⊗ LGEO1242	Cartographic projections and geodesy	Michel Crucifix	FR [q2] [30h+15h] [4 Credits] 🌐	X	X
⊗ LGEO1321	Human and Economic geography 1	Patrick Meyfroidt Sophie Vanwambeke	FR [q2] [22.5h+22.5h] [4 Credits] 🌐	X	X
⊗ LGEO1322	Human and economic geography 2	Marie-Laurence De Keersmaecker	FR [q1] [22.5h+15h] [4 Credits] 🌐	X	X
⊗ LGEO1323	Economic geography	Justin Delloye	FR [q1] [22.5h+15h] [4 Credits] 🌐	X	X
⊗ LGEO1331	Geomorphology	Bas van Wesemael	FR [q2] [30h+30h] [5 Credits] 🌐	X	X
⊗ LPHY1365	Meteorology	Michel Crucifix Thierry Fichet	FR [q2] [37.5h+22.5h] [5 Credits] 🌐	X	X
⊗ LGEO1332	Biogeography	Michel Baguette (compensates Caroline Nieberding Renate Wesselingh)	FR [q2] [30h+24h] [5 Credits] 🌐	X	X







⊗ Choix parmi les cours de climatologie

⊗ LULBG2400	Le système Terre et ses interactions (ULB)		FR [] [] [4 Credits] 🌐	X	X
⊗ LULBG2408	Modélisation en géographie physique (ULB)		FR [] [] [2 Credits] 🌐	X	X
⊗ LENVI2005	Climate change: impacts and solutions	Michel Crucifix Pierre Delmelle (coord.) Kristof Van Oost	FR [q2] [30h] [3 Credits] 🌐	X	X
⊗ EULBG2410	Paleoclimatology		FR [q2] [36h+12h] [5 Credits] 🌐	X	X

⊗ Choix parmi des cours d'écologie

⊗ LBIO1217	Ecology II	Thierry Hance	FR [q2] [30h+10h] [3 Credits] 🌐	X	X
⊗ LBOE2125	Biodiversity and humans	Charles-Hubert Born Charles-Hubert Born (compensates Charles Pence) Thierry Hance Thierry Hance (compensates Charles Pence)	FR [q1] [24h] [2 Credits] 🌐	X	X
⊗ LBOE2160	Ecologie des interactions	Thierry Hance Hans Van Dyck Renate Wesselingh	FR [q1] [24h] [2 Credits] 🌐	X	X
⊗ LBOE2140	Landscape ecology	Hans Van Dyck	FR [q1] [24h+24h] [4 Credits] 🌐	X	X

⌘ Choix parmi des cours d'économie spatiale

⌘ LECGE1222	Microeconomics	Arastou Khatibi Arastou Khatibi (compensates Johannes Johnen) François Maniquet	FR [q1 or q2] [45h+15h] [5 Credits] 	X	X
⌘ LECGE1212	Macroeconomics	Etienne De Callatay Fabio Mariani	FR [q1 or q2] [45h+15h] [5 Credits] 	X	X
⌘ LECGE1216	Growth and Development	Mélanie Lefèvre (compensates David De la Croix)	FR [q1] [30h] [5 Credits] 	X	X
⌘ LECGE1228	Regional Economics	Joseph Gomes	FR [q2] [30h+10h] [5 Credits] 	X	X
⌘ LECON2041	International Trade	Gonzague Vannoorenberghe	EN [q2] [30h] [5 Credits] 	X	X
⌘ LGEO2001	Séminaire résidentiel inter-universitaire et international d'analyse spatiale		FR [] [] [10 Credits] 	X	X

⌘ Autres cours au choix

A choisir dans les programmes de la Faculté ou de l'Université, en accord avec le secrétaire du jury. L'étudiant s'assurera auprès du titulaire du ou des cours choisi(s) qu'il est autorisé à le(s) suivre. Si certains cours sont offerts dans le tronc commun ou dans la finalité approfondie, le recouvrement ne pourra pas excéder 6 crédits avec chacune de ces rubriques. Aucun recouvrement n'est permis avec la finalité didactique.

⌘ Optional courses :

These credits are not counted within the 120 required credits.

⌘ LSST1001	IngénieuxSud	Stéphanie Merle Jean-Pierre Raskin (coord.)	⌘ [q1+q2] [15h+45h] [5 Credits] 🌐	X	X
⌘ LSST1002M	Information and critical thinking - MOOC	Myriam De Kesel Jean-François Rees	⌘ [q2] [30h+15h] [3 Credits] 🌐	X	

Supplementary classes

To access this Master, students must have a good command of certain subjects. If this is not the case, students must take supplementary classes chosen by the faculty to satisfy course prerequisites.

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○ Enseignements supplémentaires

Course prerequisites

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

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.

GEOG2M - Information

Access Requirements

Master course admission requirements are defined by the French Community of Belgium Decree of 7 November 2013 defining the higher education landscape and the academic organisation of courses.

General and specific admission requirements for this programme must be satisfied at the time of enrolling at the university.

Unless explicitly mentioned, the bachelor's, master's and licentiate degrees listed in this table or on this page are to be understood as those issued by an institution of the French, Flemish or German-speaking Community, or by the Royal Military Academy.

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

SUMMARY

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

Specific access requirements

In addition to the access conditions described below, candidates will have to provide proof of a sufficient command of the French language (level B1 of the CEFR, Common European Framework of Reference for Languages).

Students wishing to access the didactic purpose must provide proof of a level C1 of the CEFR.

Students who wish to be admitted on the basis of a dossier (see tables below) are invited to consult the [criteria for the evaluation of application](#).

University Bachelors

Diploma	Special Requirements	Access	Remarks
UCLouvain Bachelors			
Bachelor in Geography : General		Direct access	
Bachelor in Physics			

Diploma	Access	Remarks
BA en agronomie, orientation agro-industries et biotechnologies - crédits supplémentaires entre 45 et 60 BA en agronomie, orientation agronomie des régions chaudes - crédits supplémentaires entre 45 et 60 BA en agronomie, orientation environnement - crédits supplémentaires entre 45 et 60 BA en agronomie, orientation forêt et nature - crédits supplémentaires entre 45 et 60 BA en agronomie, orientation techniques et gestion agricoles - crédits supplémentaires entre 45 et 60 BA en agronomie, orientation techniques et gestion horticoles - crédits supplémentaires entre 45 et 60 BA en agronomie, orientation technologie animalière - crédits supplémentaires entre 45 et 60	Les enseignements supplémentaires éventuels peuvent être consultés dans le module complémentaire .	Type court

Holders of a 2nd cycle University degree

Diploma	Special Requirements	Access	Remarks
"Licenciés"			
		Direct access	
Masters			
		Direct access	

Holders of a non-University 2nd cycle degree

Access based on validation of professional experience

> It is possible, under certain conditions, to use one's personal and professional experience to enter a university course without having the required qualifications. However, validation of prior experience does not automatically apply to all courses. Find out more about [Validation of priori experience](#).

Access based on application

Access based on application : access may be granted either directly or on the condition of completing additional courses of a maximum of 60 ECTS credits, or refused.

The first step in the procedure is to submit a file online (see <https://uclouvain.be/en/study/inscriptions/futurs-etudiants.html>).

Students who wish to be admitted on the basis of a dossier are invited to consult the [criteria for the evaluation of application](#).

Admission and Enrolment Procedures for general registration

Specific professional rules

Successful completion of the master's course with **teaching focus** leads to the award of the master's degree with teaching focus and the title of secondary school education specialist.

The [Réforme des Titres et Fonctions](#) ("Titles and Functions Reform"), in force since 1 September 2016, is intended to harmonise the titles, functions and pay scales of basic and secondary education professionals in French Community of Belgium networks.

It also aims to guarantee the priority of preferred titles over minimum titles and to establish a regime for titles in short supply.

AESS holders can learn which functions they can carry out and the pay scales from which they can benefit by [clicking here](#).

The university cannot be held responsible for any problems that students may encounter at a later date with a view to a teaching appointment in the French Community of Belgium.

Teaching method

The teaching strategy takes its inspiration from the idea of "taking responsibility for one's own learning" and offers a wide range of learning situations. The courses are focused on problems in society: environmental changes, mobility, urbanization, globalization and developing countries. Activities such as seminars and integrated exercises are carried out in advanced areas of

Contacts

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