

**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**

## GEOG2M - Introduction

### Introduction

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## GEOG2M - Teaching profile

### Learning outcomes

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The organization of the space in which we live results from the impact of man on his natural surroundings. It comes from a great many decisions, taken long ago or recently, which have shaped our environment by adapting it to our needs, for better and for worse. These decisions have stimulated development and also created imbalances : more productive world agriculture, industrial concentrations, urbanization, trade at every level, increase in average well-being, but also delocalization, pollution, damage to land, deforestation, erosion of biodiversity or climate change. Geography studies the mechanisms which have led to all these effects, in order to control them better.

The objective of the training with a **research focus** is an introduction to the three fundamental aspects of the work of a geographer:

- to observe and describe the environment, especially with computerized databases and advanced satellite observation technology and monitoring the state of the environment through different kinds of measurements ;
- to understand and explain the processes that have been observed, especially by building models which enable them to be simulated;
- to manage resources through land development.

Students will develop skills in the field of geography and especially in the study of the interactions between human activities, geographical space and the natural environment. This is done from the perspective of both human and physical geography: it is important to bring them together. The training also provides students with the geographical techniques necessary for the study of this.

The **research focus**

3. 4.3 Evaluer la pertinence et fiabilité des sources d'information, en prenant compte l'existence des épistémologies constructivistes et des approches critiques (critical geography, radical geography...) afin de mieux naviguer à travers les différents discours ambiants sur la transition.

#### 5. Aborder la vie professionnelle comme citoyen responsable

Le monde professionnel contemporain nécessite, outre des compétences techniques, de pouvoir travailler de façon efficace dans des contextes variés et dynamiques. Outre la capacité d'apprentissage, les compétences dites douces ("soft skills") suivantes feront l'objet d'une attention particulière:

##### 5.1 Communication:

- Communiquer oralement et par écrit en français et en anglais (niveau C1) les résultats d'un travail à des acteurs scientifiques et des acteurs de terrain, en s'adaptant à l'audience.
- Assembler, synthétiser et communiquer de manière synthétique et critique l'état des connaissances dans un domaine donné, en documentant les sources selon les conventions établies.
- Communiquer et discuter des données, des méthodes et des résultats.
- Réaliser des supports de communication visuelle pertinents et compréhensibles tels que cartes, schémas et graphiques.

##### 5.2 Interactions dans le cadre du travail en équipe:

- Répartir les tâches d'un travail de groupe en éléments cohérents et équilibrés.
- Organiser la communication des membres du groupe.
- Pouvoir formuler et recevoir du feedback constructif sur son propre travail et celui des autres.

##### 5.3 Organisation:

- Identifier les étapes intermédiaires d'un travail conséquent, les planifier, les exécuter et les adapter aux besoins.

##### 5.4 Flexibilité:

- S'adapter aux contraintes (calendrier, travail en équipe, ...).
- Identifier et comprendre les différents points de vue en présence.
- Trouver de l'intérêt dans des activités et des thématiques qui vont au-delà de ses intérêts propres.

## Programme structure

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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

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### CORE COURSES [60.0]

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- 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 (o0 0 .elon les conventions établies.





## TEACHING FOCUS [30.0]

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**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
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
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[Click on the course title to see detailed informations \(objectives, methods, evaluation...\)](#)

*Given the importance of the reform of the Master of Geographical Sciences program, from 2024-25 onwards, the full program for students choosing the didactic option will be a transitional program.*

Year  
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## Cours au choix [30.0]

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### COURS AU CHOIX [30.0]

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- Mandatory
- ⌘ Optional
- △ Not offered in 2024-2025
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Year

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### o Content:

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				Year	
				1	2
⌘ LSPRI2020	Relations internationales contemporaines	Simon Desplanque Michel Liegeois	EN [q1] [30h+15h] [5 Credits] 🌐	x	x

### ⌘ Autres cours au choix

Sous réserve de l'accord du jury, l'étudiant.e peut intégrer à son programme des cours de 2ème ou 3ème bloc annuel de bachelier qui n'auraient pas été suivis durant le bachelier, ainsi que des cours dispensés dans d'autres universités. L'étudiant.e s'assurera auprès du titulaire du ou des cours choisi(s) qu'il est autorisé à le(s) suivre.

⌘ LGEO2400	Internship in a professional setting	Sophie Vanwambeke (coord.)	EN [q1 or q2] [15h] [4 Credits] 🌐	x	x
⌘ LPHYS2162	Introduction to the physics of the climate system and its modelling	Hugues Goosse Francesco Ragone	EN		

## Supplementary classes

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## 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 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			

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		



## Contacts

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### Curriculum Management

#### Entity

Structure entity	SST/SC/GEOG
Denomination	<a href="#">(GEOG)</a>
Faculty	Faculty of Science <a href="#">(SC)</a>
Sector	Sciences and Technology <a href="#">(SST)</a>
Acronym	GEOG
Postal address	Place Louis Pasteur 3 - bte L4.03.07 1348 Louvain-la-Neuve Tel: <a href="tel:+32210472873">+32 (0) 10 47 28 73</a> - Fax: <a href="tel:+32210472877">+32 (0) 10 47 28 77</a> <a href="https://uclouvain.be/fr/facultes/sc/geo">https://uclouvain.be/fr/facultes/sc/geo</a>
Website	

Academic supervisor: [Marie-Laurence De Keersmaecker](#)

#### Jury

- President: [Marie-Laurence De Keersmaecker](#)
- Secretary and Study advisor: [Bas van Wesemael](#)

#### Useful Contact(s)

- Administrative manager for the student's annual program: [fatuma.tepatondele@uclouvain.be](mailto:fatuma.tepatondele@uclouvain.be)
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