UCLouvain

GEOG2M

2021 - 2022

Master [120] in Geography : General

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** - Francophone Certification Framework: 7

Table of contents

Introduction 2
Teaching profile 3
- Learning outcomes 3
- Programme structure 4
- Programme 4
  - Detailed programme by subject 4
  - Supplementary classes 12
  - Course prerequisites 13
  - The programme's courses and learning outcomes 13

Information 14
- Access Requirements 14
- Specific professional rules 16
- Teaching method 16
- Evaluation 16
- Mobility and/or Internationalisation outlook 16
- Possible trainings at the end of the programme 16
- Contacts 17

GEOG2M - Introduction

Introduction

GEOG2M - Teaching profile

Learning outcomes

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** prepares students for a range of different jobs in the public and private sector or in the voluntary field as well as for being a researcher.

The **teaching focus** is a specially adapted programme which focuses on teaching at the higher levels of secondary education.

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

Analyser des problématiques géographiques

1. Définir la question de recherche

2. Identifier les techniques, méthodes qui permettent de traiter la problématique

3. Collecter les données et créer la base de données

4. Choisir la méthode pour analyser les données

Mobiliser des connaissances scientifiques

-

Modéliser les processus observés dans la réalité

1. Identifier les caractéristiques/composantes du système et la manière dont elles interagissent

2. Formuler des hypothèses/tests de travail

3. Développer des modèles (statistiques, numériques, conceptuels)

4. Tester par l'application, calibration et validation

5. Interpréter les résultats en lien avec la problématique

Porter un regard critique sur les méthodes utilisées

1. Evaluer la pertinence et la fiabilité des sources générales d'information

2. Identifier les limites des modèles, méthodes

3. Contextualiser les résultats, et coupler avec d'autres résultats

Intégrer les concepts de différentes disciplines dans 1 vision cohérente des ressources

1. Faire des liens entre différents aspects de la géographie

2. Analyser les interactions entre l'homme et l'environnement

3. Prendre en compte les apports des autres disciplines pour résoudre une problématique dans son ensemble

Synthétiser et communiquer

1. Communiquer oralement et par écrit en francais et anglais

2. Communiquer à des acteurs scientifique (collègues) et acteurs de terrain

3. Communiquer la démarche, méthodes et résultats, discussion

4. Communiquer par la réalisation de schémas, de cartographie, graphiques

Se préparer à la vie professionnelle

1. Intervenir dans la gestion des ressources

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. Maitriser 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 2021-2022
- Not offered in 2021-2022 but offered the following year
- Offered in 2021-2022 but not the following year
- Not offered in 2021-2022 or the following year
- Activity with requisites
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

				Year 1	Year 2
LGEO2110	Mondialisation, développement et environnement	Eric Lambin	FR [q1] [30h+30h] [5 Credits]	x	
LGEO2210	Shaping sustainable urban spaces	Marie-Laurence De Keersmaecker Yves Hanin	FR [q1] [30h] [3 Credits]	x	
LGEO2120	Applied geomorphology	Bas van Wesemael	EN [q1] [30h+30h] [5 Credits]	x	
LGEO2240	Tectonic geomorphology		EN [q1] [30h+30h] [5 Credits] ⊘	x	x
LGEO2230	Géographie médicale et de la santé	Sophie Vanwambeke	FR [q1] [30h+30h] [5 Credits]	x	

				Year 1	Year 2
LGEO2140	Advanced physical geography	Kristof Van Oost Veerle Vanacker	EN [q2] [30h+30h] [5 Credits] ⊕	x	x

Philosophie (2 credits)

Un cours à choisir parmi les trois suivants :

LSC2001	Introduction to contemporary philosophy	Peter Verdée	FR [q2] [30h] [2 Credits]	x	x
LSC2220	Philosophy of science	Pieter Thyssen (compensates Alexandre Guay)	EN [q2] [30h] [2 Credits]	x	x
LFILO2003E	Ethics in the Sciences and technics (sem)	Hervé Jeanmart Charles Pence René Rezsohazy	FR [q2] [15h+15h] [2 Credits]	x	x
LTHEO2840	Science and Christian faith	Benoît Bourgine Dominique Lambert	FR [q1] [15h] [2 Credits]	x	x

Mémoire (30 credits)

LGEO2997	Séminaire d'encadrement du mémoire	Bas van Wesemael	FR [q1] [15h] [5 Credits]	x	
LGEO2998	Thesis tutorial	Ahmed Adrioueche Bas van Wesemael	EN [q2] [15h] [3 Credits]		x
LGEO2999	Mémoire		FR [q2] [] [22 Credits]		x

LIST OF FOCUSES

> Research Focus [en-prog-2021-geog2m-lgeog200a]
> Teaching Focus [en-prog-2021-geog2m-lgeog200d]

RESEARCH FOCUS [30.0]

- Mandatory
- Optional
- Not offered in 2021-2022
- Not offered in 2021-2022 but offered the following year
- Offered in 2021-2022 but not the following year
- Not offered in 2021-2022 or the following year
- Activity with requisites
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Content:

				Year 1	Year 2
LGEO2220	History of geography	Eric Lambin	FR [q1] [22.5h] [3 Credits]	x	
LGEO2160	Integrated exercise in geography I	Patrick Meyfroidt Bas van Wesemael	EN [q1] [30h+30h] [4 Credits]	x	

Terrain en géographie

Choisir au moins un terrain parmi :

LGEO2170	Field Excursion	Eric Lambin	FR [q2] [60h+30h] [4 Credits] ⊕	x	x
LGEO2270	Terrain II en géographie	Sophie Vanwambeke	FR [q2] [60h+30h] [4 Credits] ⊘	x	x

Cours au choix :

L'étudiant choisit 19 crédits parmi les cours suivants (15 crédits s'il effectue les 2 terrains):

LGEO2250	Mesures de terrain en géographie	Kristof Van Oost	FR [q2] [30h+30h] [5 Credits]	x	x
LGEO2211	Advanced statistical methods in geography	Christian Hafner	FR [q1] [30h+30h] [5 Credits]	x	x
LGEO2185	Advanced geo-processing	Kristof Van Oost	EN [q2] [30h+30h] [5 Credits]	x	x
LPHYS2162	Introduction to the physics of the climate system and its modelling	Hugues Goosse Jean-Pascal van Ypersele de Strihou	EN [q1] [22.5h+22.5h] [5 Credits]	x	x
LGEO2130	Fundamentals of geographic and environmental modelling	Eric Deleersnijder Sophie Vanwambeke	EN [q2] [30h+30h] [5 Credits]	x	x
LGEO2400	Internship in a professional setting	Sophie Vanwambeke (coord.)	FR [q1 or q2] [15h] [4 Credits]	x	x
LGEO2010	Dynamique fluviale (ULG-GEOG0633-1)		FR [q2] [15h+25h] [6 Credits]	x	x
LGEO2020	Archives Sédimentaires : empreintes du paléoclimat, des paléoséismes et autres paléoévénements (ULG-GEOG2049-1)		FR [q1] [20h+10h] [3 Credits]	x	x

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
- Not offered in 2021-2022
- Not offered in 2021-2022 but offered the following year
- Offered in 2021-2022 but not the following year
- Not offered in 2021-2022 or the following year
- Activity with requisites
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

Content:

				Year 1	Year 2
LGEO2310	Stages d'enseignement en géographie (en ce compris le séminaire d'intégration des stages)	Marie-Laurence De Keersmaecker	FR [q1+q2] [15h+40h] [7 Credits]	x	x

Module concevoir, planifier et évaluer des pratiques d'enseignement et d'apprentissage (13 credits)

LGEO2320	Didactique et épistémologie de la géographie	Marie-Laurence De Keersmaecker	FR [q1] [60h] [6 Credits]	x	x
LAGRE2220	General didactics and education to interdisciplinarity	Stéphane Colognesi Myriam De Kesel Jean-Louis Dufays Anne Ghysselinckx Véronique Lemaire Olivier Maes Jim Plumat Benoît Vercruysse	FR [q1 or q2] [37.5h] [3 Credits]	x	x

Didactique et épistémologie d'une autre discipline (en ce compris le stage d'écoute) (4 credits)
un cours au choix parmi les cours suivants

LMAT2320A	Didactique et épistémologie de la mathématique (en ce compris le stage d'écoute)	Laure Ninove	FR [q1+q2] [37.5h+10h] [4 Credits]	x	x
LSCI2320A	Didactique et épistémologie des sciences	Myriam De Kesel Nathalie Matthys Jim Plumat	FR [q1] [37.5h+10h] [4 Credits]	x	x

Module comprendre et analyser l'institution scolaire et son contexte (6 credits)

Séminaire d'observation et d'analyse de l'institution scolaire et de son contexte (en ce compris le stage d'observation) (4 credits)
Choisir 1 des activités suivantes. Le cours et le séminaire doivent être suivis au même quadrimestre.

LAGRE2120P	Observation et analyse de l'institution scolaire et de son contexte (en ce compris le stage d'observation)	Samir Barbana (compensates Vincent Dupriez) Branka Cattonar	FR [q1] [22.5h+25h] [4 Credits]		x
LAGRE2120Q	Observation et analyse de l'institution scolaire et de son contexte (en ce compris le stage d'observation)	Samir Barbana (compensates Vincent Dupriez) Branka Cattonar	FR [q2] [22.5h+25h] [4 Credits]		x
LAGRE2400	See specifications in french	Hervé Pourtois (coord.) Pierre-Etienne Vandamme	FR [q2] [20h] [2 Credits]	x	x

Module animer un groupe et travailler en équipe (4 credits)

Comprendre l'adolescent en situation scolaire, gérer la relation interpersonnelle et animer le groupe classe (4 credits)
Choisir 1 des activités suivantes. Le cours et le séminaire doivent être suivis au même quadrimestre.

				Year 1	Year 2
LAGRE2020P	Comprendre l'adolescent en situation scolaire, Gérer la relation interpersonnelle et animer le groupe classe.	Baptiste Barbot Véronique Leroy Nathalie Roland	FH [q1] [22.5h+22.5h] [4 Credits]		x
LAGRE2020Q	Comprendre l'adolescent en situation scolaire, Gérer la relation interpersonnelle et animer le groupe classe.	Baptiste Barbot Véronique Leroy Nathalie Roland	FH [q2] [22.5h+22.5h] [4 Credits]		x

Cours au choix [30.0]

COURS AU CHOIX [30.0]

- Mandatory
- Optional
- Not offered in 2021-2022
- Not offered in 2021-2022 but offered the following year
- Offered in 2021-2022 but not the following year
- Not offered in 2021-2022 or the following year
- Activity with requisites
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

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.

				Year 1	Year 2
LGEO1242	Cartographic projections and geodesy	Jean-Pascal van Ypersele de Strihou	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 Fichefet	FR [q2] [37.5h+22.5h] [5 Credits]	x	x
LGEO1332	Biogeography	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
LULBG2410	Les changements climatiques des derniers 100000 ans (ULB)		FR [] [] [6 Credits]	x	x
LENVI2005	Changements climatiques: impacts et solutions	Yannick Agnan (compensates Pierre Delmelle) Philippe Marbaix Jean-Pascal van Ypersele de Strihou (coord.)	FR [q2] [30h] [3 Credits]	x	x

Choix parmi des cours d'écologie

LBIO1217	Ecology II	Thierry Hance Caroline Nieberding Hans Van Dyck Renate Wesselingh (coord.)	FR [q2] [30h+10h] [3 Credits]	x	x
LBOE2125	Biodiversity and humans	Charles-Hubert Born Thierry Hance 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	EN [q1] [24h+24h] [4 Credits]	x	x

				Year 1	Year 2

Choix parmi des cours d'économie spatiale

LECGE1222	Microeconomics	Johannes Johnen Arastou Khatibi François Maniquet	FR [q1 or q2] [45h+15h] [5 Credits]	x	x
LECGE1212	Macroeconomics	Etienne De Callatay Hélène Latzer (compensates Fabio Mariani) Vincent Vandenberghe	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	EN [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
LECON2314	Economic Geography	Joseph Gomes	EN [q2] [30h] [5 Credits]	x	x

Choix parmi des cours de géopolitique et de science du développement

LDVLP2325	Geopolitics of natural ressources	Leonith Hinojosa Valencia (compensates Vincent Legrand) Vincent Legrand	FR [q1] [30h] [5 Credits]	x	x
LSPRI2020	Relations internationales contemporaines	Michel Liegeois	FR [q1] [30h+15h] [5 Credits]	x	x
LBIRE2102	Applied Geomatic	Pierre Defourny	FR [q1] [30h+22.5h] [4 Credits]	x	x
LECON2342	Development theories		FR [q2] [30h] [5 Credits] △	x	x

Choix parmi des cours de développement territorial

LURBA3011	Acteurs, territoires et contextes de développement	Roselyne de Lestrange Aniss Mezoued Chloé Salembier	FR [q1] [50h] [5 Credits]	x	x
LURBA2930	Processus territoriaux et modèles de développement	Yves Hanin	FR [q1] [30h] [3 Credits]	x	x
LURBA2950	Systèmes de décision en urbanisme et développement territorial	Bertrand Ippersiel Alain Malherbe Yves Van de Casteele	FR [q2] [45h] [4 Credits]	x	x
LSOC2091	City and public space	Mathieu Berger	FR [q1] [30h] [5 Credits]	x	x

Choix parmi des cours de bioingéniérie environnementale

LBIR1351	Introduction to systems analysis	Philippe Baret	FR [q1] [10h+20h] [3 Credits]	x	x
LBIR1362	Environmental Economics	Frédéric Gaspart	FR [q2] [30h+7.5h] [3 Credits]	x	x
LBIRA2109	Agrarian systems and farm	Pierre Bertin	FR [q1] [30h+0h] [3 Credits]	x	x
LBRAT2102	Spatial modelling of land dynamics	Pierre Defourny	FR [q2] [15h+15h] [3 Credits]	x	x

Cours au choix complémentaires pour la finalité didactique

LGEO2170	Field Excursion	Eric Lambin	FR [q2] [60h+30h] [4 Credits] ⊕	x	x
LAGRE2221	Learning and teaching with new technologies	Sandrine Decamps	FR [q1] [15h+15h] [2 Credits]	x	x
LAGRE2310	Micro-teaching exercises	Pascalia Papadimitriou Dominique Vandercammen	FR [q1] [15h] [2 Credits]	x	x
LGEO2330	Séminaire de didactique de la géographie		FR [q2] [0h+30h] [5 Credits] △	x	x

	Year 1	Year 2

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.)	FR [q1+q2] [15h+45h] [5 Credits]	x	x
LSST1002M	Information and critical thinking - MOOC	Myriam De Kesel Jean-François Rees	FR [q2] [30h+15h] [3 Credits]	x	x

Supplementary classes

To access this Master, students must have a good command of certain subjects. If this is not the case, they must add supplementary classes at the beginning of their Master's programme in order to obtain the prerequisites for these studies.

- Mandatory
- Optional
- Not offered in 2021-2022
- Not offered in 2021-2022 but offered the following year
- Offered in 2021-2022 but not the following year
- Not offered in 2021-2022 or the following year
- Activity with requisites
- [FR] Teaching language (FR, EN, ES, NL, DE, ...)

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

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 hiher 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.

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	Si l'étudiant a suivi la Titre inconnu:lmingeog	Direct access	In some cases, the UCLouvain Enrolment Office, after reviewing their online enrolment or re-enrolment application, will ask the students concerned to provide an enrolment authorisation from the faculty/ school.
Bachelor in Engineering	Si l'étudiant a suivi la Titre inconnu:lmingeog	Direct access	
Others Bachelors of the French speaking Community of Belgium			
		Direct access	
Bachelors of the Dutch speaking Community of Belgium			
		Direct access	
Foreign Bachelors			
		Access based on application	

Non university Bachelors

> Find out more about links to the university

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

Admission on the basis of a submitted dossier may be granted either directly or on the condition of completing additional coursework 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 â€˜taking responsibility for oneâ€™s own learningâ€™ 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 geographical research. Ability to use advanced methods of geographical analysis is an important objective of the training: geographical modeling, geographical information systems and satellite teledetection.

Practical work gives students the opportunity of dealing with concrete problems and finding solutions to them, often in small groups. The computer rooms with special software for geographical analysis are always open to students. In the first year of the Master, the field work consists of a week of supervised exercises in the Alps or Spain. This is compulsory in the first year of the Master. Students who choose a research focus must do a second field course in the second year.

Students doing the teaching focus may do advanced teaching in mathematics, physics or geography.

Evaluation

The evaluation methods comply with the regulations concerning studies and exams (https://uclouvain.be/fr/decouvrir/rgee.html). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".

Students will mainly be assessed on the basis of individual work (e.g. reading, consultation of databases and bibliographic references, writing monographs and reports, presentation of seminars, dissertation and work placement). Where necessary, students will also be assessed on how much they have learned from lectures. As far as possible, there will be continuous assessment, including regular 'open book examinations'. Certain activities will not be given a precise mark but will be officially certified. Assessment of the dissertation is in two stages : a 'progress report' at the end of the first year of the Master and the final presentation.

Mobility and/or Internationalisation outlook

Students are strongly encouraged to take advantage of the Erasmus or Mercator exchange schemes outside Belgium, or to study at KULeuven.

It is possible to take courses in English. Not only will this help UCL students to become better acquainted with the language, but will also enable Erasmus students from abroad to take a semester of courses in English.

Advanced courses are given by many visiting lecturers from different foreign institutions and some Belgian ones. These are mostly in English.

Possible trainings at the end of the programme

Quelle que soit la finalité, le master en sciences géographiques donne directement accès au doctorat en sciences.

Un étudiant peut obtenir une autre finalité du même master en 30 crédits.

Contacts

Curriculum Management

Entity

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

Academic supervisor: Marie-Laurence De Keersmaecker (https://uclouvain.be/repertoires/marie-laurence.dekeersmaecker)

Jury

- President: Marie-Laurence De Keersmaecker (https://uclouvain.be/repertoires/marie-laurence.dekeersmaecker)
- Secretary and study advisor: Bas van Wesemael (https://uclouvain.be/repertoires/bas.vanwesemael)

Useful Contact(s)

- Administrative manager for the student's annual program: Aloysia Stephenne (https://uclouvain.be/repertoires/aloysia.stephenne)
- Secretary of the School of geography: Catherine De Roy (https://uclouvain.be/repertoires/catherine.deroy)