

GEOG1BA

2016 - 2017

Bachelor in Geography : General

At Louvain-la-Neuve - 180 credits - 3 years - Day schedule - In frenchDissertation/Graduation Project : **NO** - Internship : **NO**Activities in English: **YES** - Activities in other languages : **NO**Activities on other sites : **NO**Main study domain : **Sciences**Organized by: **Faculté des sciences (SC)**Programme code: **geog1ba** - Francophone Certification Framework: 6**Table of contents**

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GEOG1BA - Introduction

Introduction

GEOG1BA - Teaching profile

Learning outcomes

The organisation of the space in which we live is the result of man's action on his natural environment. It is the fruit of a multitude of decisions, taken in the far or recent past, which have moulded our environment by adapting it to our needs, for better and for worse. These decisions have stimulated development just as they have created disequilibriums : inceasingly productive world-wide agriculture, exchanges on every level and improvement in general well-being, but also pollution, deforestation, the green-house effect and over-population. Geography is the study of the mechanisms which have led to such phenomena, so that they be better understood and controlled.

The objective of this programme is to provide initiation into the three fundamental aspects of geography : to observe and describe the environment, for example thanks to the bases in computerised geographical data and sophisticated satellite earth observation techniques to understand and explain the processes observed, for example by constructing models which will enable the simulation thereof to intervene in the management of resources through territory reorganisation. The student will develop knowledge and skills within the domain of geography and in particular in the study of the interactions between human activities, geographical space and the natural environment. These studies are approached as much from the point of view of human geography as of that of physical geography, in a significant effort to integrate these two perspectives. The programme likewise aims at the mastering of the geographical techniques essential for the study of these problems.

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

1. Analyser des problèmes géographiques complexes.

- 1.1. Définir la question de recherche.
- 1.2. Identifier les connaissances acquises et à acquérir en vue de répondre à la question de recherche.
- 1.3. Faire une recherche bibliographique dans le domaine, en français et en anglais.
- 1.4. Identifier une méthodologie rigoureuse afin de répondre à la question de recherche.
- 1.5. Collecter des données et construire la base de données.
- 1.6. Appliquer une méthode bien identifiée d'analyse des données.
- 1.7. Synthétiser les résultats.

2. Mobiliser des savoirs scientifiques.

- 2.1. Maitriser et appliquer les concepts de base en sciences fondamentales dans les disciplines suivantes : mathématiques, chimie, physique, biologie animale et végétale et géologie.
- 2.2. Identifier et utiliser les concepts de base en sciences humaines dans les disciplines suivantes : économie politique, démographie, science politique et du développement, philosophie.
- 2.3. Intégrer et utiliser les fondements des sciences géographiques
 - en géographie physique : géomorphologie, biogéographie
 - en géographie humaine : géographie urbaine, des transports, rurale, de la santé et économique
 - en climatologie : bioclimatologie et météorologie.

3. Observer et décrire le milieu.

- 3.1. Analyser le paysage dans le cadre de séjours sur le terrain en Belgique.
- 3.2. Schématiser l'organisation du territoire grâce à la télédétection satellitaire.
- 3.3. Utiliser des bases de données spatiales.
- 3.4. Manipuler des logiciels d'information géographique et réaliser des cartes thématiques.
- 3.5. Evaluer la pertinence et la fiabilité des sources d'information.
- 3.6. Combiner les résultats de l'observation.

4. Comprendre et expliquer l'organisation spatiale des phénomènes naturels, des activités humaines et de leurs interactions.

- 4.1. Identifier les caractéristiques d'organisation spatiale, les composantes physiques et humaines et la manière avec laquelle elles interagissent.
- 4.2. Formuler des hypothèses de travail.
- 4.3. Appliquer des modèles (statistiques, numériques, conceptuels).
- 4.4. Tester les hypothèses par l'application, la calibration et la validation.
- 4.5. Faire preuve de rigueur, de précision et d'esprit critique dans l'interprétation des résultats.

5. Utiliser les techniques pour traiter d'une question de recherche.

- 5.1. Maîtriser et traiter les méthodes d'analyse statistique.
- 5.2. Interpréter et analyser des données satellitaires.
- 5.3. Constituer des banques de données spatiales.
- 5.4. Porter un regard critique sur les techniques utilisées.

6. Intégrer les multiples concepts de la géographie dans la réalisation d'un projet.

- 6.1. Faire des liens entre les différents aspects de la géographie.
- 6.2. Analyser les interactions entre l'homme et son environnement.
- 6.3. Participer un projet intégré, bien identifié, en équipe en intégrant les composantes environnementales et humaines.

7. Communiquer efficacement des résultats, des méthodes à différents types d'acteurs.

- 7.1. Communiquer oralement et par écrit en français et en anglais (niveau B1).
- 7.2. Communiquer les résultats d'un travail à des pairs.
- 7.3. Communiquer et discuter des données, des méthodes et des résultats.
- 7.4. Communiquer des résultats par la réalisation de cartes, de schémas et de graphiques.
- 7.5. Maîtriser les outils informatiques indispensables à la communication

Programme structure

Erreur de transformation xhtml vers fo pour 'structure' erreur=org.xml.sax.SAXParseException; lineNumber: 275; columnNumber: 1412; Open quote is expected for attribute "class" associated with an element type "SPAN".

GEOG1BA Detailed programme

Programme by subject

Year

1 2 3

o Majeure (150 credits)**o Géographie générale (8 credits)**

| | | | | | | | | | |
|------------|--|--|---------|-----------|----|---|--|--|---|
| o LGEO1111 | General geography | Marie-Laurence.Dekeersmaecker Bas.Vanwesemael | 30h+30h | 4 Credits | 2q | x | | | |
| o LGEO1381 | Belgium geography (field course + project) 📄 | Veerle.Vanacker | 60h+60h | 4 Credits | 1q | | | | x |

o Géographie humaine (13 credits)

| | | | | | | | | | |
|------------|-------------------------------|-------------------------------|---------|-----------|----|--|--|---|--|
| o LGEO1221 | Elements of human geography 📄 | Marie-Laurence.Dekeersmaecker | 30h+42h | 5 Credits | 1q | | | x | |
|------------|-------------------------------|-------------------------------|---------|-----------|----|--|--|---|--|

o Cours au choix (8 credits)

L'étudiant choisit 8 crédits parmi les cours suivants

| | | | | | | | | | |
|------------|------------------------------------|--|---------|-----------|----|--|--|--|---|
| 🔗 LGEO1321 | Human and Economic geography 1 📄 | Sophie.Vanwambeke | 25h+25h | 4 Credits | 2q | | | | x |
| 🔗 LGEO1322 | Human and economic geography 2 📄 | Marie-Laurence.Dekeersmaecker Isabelle.Thomas | 25h+25h | 4 Credits | 2q | | | | x |
| 🔗 LGEO1323 | Human and economic geography (3) 📄 | Marie-Laurence.Dekeersmaecker Isabelle.Thomas | 25h+25h | 4 Credits | 2q | | | | x |

o Géographie physique (15 credits)

| | | | | | | | | | |
|------------|--------------------------------|-----------------|---------|-----------|----|--|---|--|--|
| o LGEO1231 | Elements of physical geography | Bas.Vanwesemael | 30h+30h | 5 Credits | 1q | | x | | |
|------------|--------------------------------|-----------------|---------|-----------|----|--|---|--|--|

o Cours au choix (10 credits)

L'étudiant choisit 10 crédits parmi les cours suivants

| | | | | | | | | | |
|------------|---------------|---|-----------------|-----------|----|--|--|--|---|
| o LGEO1331 | Geomorphology | Bas.Vanwesemael | 30h+30h | 5 Credits | 2q | | | | x |
| o LGEO1332 | Biogeography | Christiane.Lefevre (compensates) Renate Wesselingh Caroline.Nieberding Caroline.Nieberding (compensates) Renate Wesselingh Renate.Wesselingh | 45h+24h | 5 Credits | 2q | | | | x |
| o LPHY1365 | Meteorology | Michel.Crucifix Thierry.Fichet | 37.5h +22.5h | 5 Credits | 2q | | | | x |

o Techniques en géographie (20 credits)

| | | | | | | | | | |
|------------|--|-------------------|---------|-----------|----|--|---|--|---|
| o LGEO1241 | Cartography | Isabelle.Thomas | 30h+30h | 5 Credits | 2q | | x | | |
| o LGEO1341 | Statistical modelling in geography | Sophie.Vanwambeke | 30h+30h | 5 Credits | 1q | | | | x |
| o LGEO1342 | Geographical Information Systems (GIS) | Sophie.Vanwambeke | 30h+30h | 5 Credits | 1q | | | | x |
| o LGEO1343 | Remote sensing | Eric.Lambin | 30h+30h | 5 Credits | 1q | | | | x |

o Sciences de la terre (12 credits)

| | | | | | | | | | |
|------------|--------------------------------|--|---------|-----------|----|---|---|--|--|
| o LBIR1130 | Introduction to Earth sciences | Pierre.Delmelle (coord.) Sophie.Opfergelt | 45h+30h | 6 Credits | 2q | x | | | |
| o LGEO1251 | Geology | Veerle.Vanacker | 30h+60h | 6 Credits | 2q | | x | | |

o Mathématiques générales (20 credits)

| | | | | | | | | | |
|-------------|--|---|-----------------|-----------|----|---|---|--|--|
| o LMAT1111F | General Mathematics | Pedro.Vaz Marino.Gran Augusto.Ponce | 45h +37.5h | 7 Credits | 1q | x | | | |
| o LMAT1111G | General Mathematics | Pedro.Vaz Marino.Gran Augusto.Ponce | 30h +22.5h | 4 Credits | 2q | x | | | |
| o LMAT1275 | Statistics in the natural sciences | Anouar.Elghouch | 30h+30h | 5 Credits | 1q | | x | | |
| o LBIR1204 | Informatique et mathématiques appliquées | Patrick.Bogaert Emmanuel.Hanert (coord.) Marnik.Vanclooster | 22.5h +22.5h | 4 Credits | 2q | | x | | |

o Physique (20 credits)

| | | | | | | | | | |
|-------------|------------------------------|---------------------------------------|---------------|-----------|----|---|---|--|--|
| o LPHY1121 | General physics I - 1st part | Thierry.Fichet | 30h +41.5h | 6 Credits | 1q | x | | | |
| o LPHY1122 | General physics I - 2d part | Clement.Lauzin Jim.Plumat (coord.) | 45h +33.5h | 6 Credits | 2q | x | | | |
| o LBIR1210A | Physique générale (II) | Bruno.Bertrand Fabio.Maltoni | 60h+45h | 8 Credits | 2q | | x | | |

o Biologie (11 credits)

| | | | | | | | | | |
|------------|--|--------------------------|---------------|-----------|----|---|--|--|--|
| o LBIO1111 | Cell biology and introduction to prokaryotes, protists and fungi | Andre.Lejeune | 37.5h +18h | 5 Credits | 1q | x | | | |
| o LBIO1112 | Biologie végétale ; Biologie animale | Andre.Lejeune Jf.Rees | 52.5h +27h | 6 Credits | 2q | x | | | |

o Chimie (10 credits)

| | | | | | | | | | |
|------------|---------------------|------------------|---------|------------|----|---|--|--|--|
| o LCHM1111 | General chemistry 1 | Michel.Devillers | 60h+60h | 10 Credits | 1q | x | | | |
|------------|---------------------|------------------|---------|------------|----|---|--|--|--|

o Anglais (9 credits)

| | | | | | | | | |
|------------|--|--|-----|-----------|---------|---|---|---|
| o LANG1861 | English: reading and listening comprehension of scientific texts | Ahmed.Adrioueche (coord.) Fanny.Desterbecq Sandrine.Meirlaen Annick.Sonck | 10h | 3 Credits | 2q | x | | |
| o LANG1862 | English: reading and listening comprehension of scientific texts | Ahmed.Adrioueche (coord.) Catherine.Avery Isabelle.Druant Sandrine.Meirlaen Annick.Sonck Anne-Julie.Toubeau | 30h | 3 Credits | 1q | | x | |
| o LANG1863 | English for Students in Sciences (Upper-Intermediate level) | Ahmed.Adrioueche (coord.) Catherine.Avery Sandrine.Jacob (coord.) Sabrina.Knorr Sandrine.Meirlaen (coord.) Nevin.Serbest Colleen.Starrs Francoise.Stas (coord.) | 30h | 3 Credits | 1 ou 2q | | | x |

o Cours au choix

L'étudiant choisit au moins 3 crédits parmi les cours suivants

| | | | | | | | | |
|------------|---|--|---------|-----------|--------|---|--|--|
| o LGEO1181 | Project | Patrick.Meyfroidt Bas.Vanwesemael | 0h+45h | 3 Credits | 1 + 2q | x | | |
| o LCHM1141 | Organic chemistry 1 | Istvan.Marko | 30h+30h | 5 Credits | 2q | x | | |
| o LSC1181 | Computer tools and documentation research | Andre.Moens (coord.) Marie-Anne.Vanhove | 15h+30h | 3 Credits | 2q | x | | |

o Sciences humaines (9 credits)

| | | | | | | | | |
|-------------|---------------------|--|---------|-----------|----|--|---|--|
| o LECGE1115 | Political Economics | Paul.Belleflamme Pierre.Dehez Jean.Hindriks Rigas.Oikonomou | 45h+15h | 5 Credits | 1q | | x | |
| o LSC1120 | Philosophy | Bernard.Feltz Olivier.Sartenaer (compensates Bernard Feltz) | 30h | 2 Credits | 1q | | x | |

o Sciences religieuses (2 credits)

L'étudiant choisit 2 crédits parmi les cours suivants

| | | | | | | | | |
|-------------|--|-------------------|-----|-----------|----|--|--|---|
| o LTECO2100 | Questions of religious sciences: Biblical readings | Hans.Ausloos | 15h | 2 Credits | 1q | | | x |
| o LTECO2200 | Questions of religious sciences: reflections about Christian faith | Dominique.Martens | 15h | 2 Credits | 2q | | | x |
| o LTECO2300 | Questions of religious sciences: questions about ethics | Marcela.Lobo | 15h | 2 Credits | 1q | | | x |

o Option (30 credits)

Tout en veillant au nombre de crédits requis, l'étudiant complète sa formation avec une mineure qu'il choisit dans la liste suivante : - Mineure d'approfondissement en sciences géographiques - Mineure en économie (ouverture) - Mineure en physique. L'étudiant peut éventuellement choisir une autre mineure sur base d'un projet qu'il élabore avec le conseiller aux études en géographie.

o Mineure au choix (30 credits)

Students choose courses depending on the restrictions related to the minor and in conjunction with their study adviser.

List of available minors

Besides the major in Geography, the student has three other possibilities : either to complete his studies in Geography by 30 credits with options. In this case, the course on Mathematical Geography (30-15) (5 credits) and the course on Bioclimatology (15-7.5) (2 credits) will be followed in the 2nd year or to opt for the minor in Economics. Those students who choose the minor in Economics are exempt from the sessions on the Principles of Political Economics (60-30) (8 credits) or to opt for another minor from the University programme, based on a project to be elaborated together with the Study Advisor.

- > [Additional module in Geography](https://www.uclouvain.be/en-prog-2016-app-lgeog100p) [<https://www.uclouvain.be/en-prog-2016-app-lgeog100p>]
- > [Minor in Culture and Creation](https://www.uclouvain.be/en-prog-2016-min-lcucr100i) [<https://www.uclouvain.be/en-prog-2016-min-lcucr100i>]
- > [Minor in Economics \(open\)](https://www.uclouvain.be/en-prog-2016-min-loeco100i) [<https://www.uclouvain.be/en-prog-2016-min-loeco100i>]
- > [Minor in Gender Studies](https://www.uclouvain.be/en-prog-2016-min-lgenr100i) [<https://www.uclouvain.be/en-prog-2016-min-lgenr100i>]
- > [Minor in Physics](https://www.uclouvain.be/en-prog-2016-min-lphys100i) [<https://www.uclouvain.be/en-prog-2016-min-lphys100i>]
- > [Minor in Scientific Culture](https://www.uclouvain.be/en-prog-2016-min-lcusc100i) [<https://www.uclouvain.be/en-prog-2016-min-lcusc100i>]
- > [Minor in Sustainable Development \(*\)](https://www.uclouvain.be/en-prog-2016-min-ldvld100i) [<https://www.uclouvain.be/en-prog-2016-min-ldvld100i>]

(*) *This program is the subject of access criteria*

Course prerequisites

A document entitled [en-prerequis-2016-geog1ba.pdf](#) specifies the activities (course units - CU) with one or more pre-requisite(s) within the study programme, that is the CU whose learning outcomes must have been certified and for which the credits must have been granted by the jury before the student is authorised to sign up for that activity.

These activities are identified in the study programme: their title is followed by a yellow square.

As the prerequisites are a requirement of enrolment, there are none within a year of a course.

The prerequisites are defined for the CUs for different years and therefore influence the order in which the student can enrol in the programme's CUs.

In addition, when the panel validates a student's individual programme at the beginning of the year, it ensures the consistency of the individual programme:

- It can change a prerequisite into a corequisite within a single year (to allow studies to be continued with an adequate annual load);
- It can require the student to combine enrolment in two separate CUs it considers necessary for educational purposes.

For more information, please consult [regulation of studies and exams](#).

The programme's courses and learning outcomes

For each UCL training programme, a [reference framework of learning outcomes](#) specifies the competences expected of every graduate on completion of the programme. You can see the contribution of each teaching unit to the programme's reference framework of learning outcomes in the document "In which teaching units are the competences and learning outcomes in the programme's reference framework developed and mastered by the student?"

The document is available by clicking [this link](#) after being authenticated with UCL account.

Programme type

GEOG1BA - 1ST ANNUAL UNIT

● Mandatory

△ Courses not taught during 2016-2017

⊕ Periodic courses taught during 2016-2017

⊗ Optional

⊖ Periodic courses not taught during 2016-2017

■ Activity with requisites

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

o Majeure**o Géographie générale**

| | | | | | |
|------------|-----------------------------------|--|---------|-----------|----|
| ● LGEO1111 | General geography | Marie-Laurence.Dekeersmaecker Bas.Vanwesemael | 30h+30h | 4 Credits | 2q |
|------------|-----------------------------------|--|---------|-----------|----|

o Sciences de la terre

| | | | | | |
|------------|--|--|---------|-----------|----|
| ● LBIR1130 | Introduction to Earth sciences | Pierre.Delmelle (coord.) Sophie.Opfergelt | 45h+30h | 6 Credits | 2q |
|------------|--|--|---------|-----------|----|

o Mathématiques générales

| | | | | | |
|-------------|-------------------------------------|---|---------------|-----------|----|
| ● LMAT1111F | General Mathematics | Pedro.Vaz Marino.Gran Augusto.Ponce | 45h +37.5h | 7 Credits | 1q |
| ● LMAT1111G | General Mathematics | Pedro.Vaz Marino.Gran Augusto.Ponce | 30h +22.5h | 4 Credits | 2q |

o Physique

| | | | | | |
|------------|--|---------------------------------------|---------------|-----------|----|
| ● LPHY1121 | General physics I - 1st part | Thierry.Fichefet | 30h +41.5h | 6 Credits | 1q |
| ● LPHY1122 | General physics I - 2d part | Clement.Lauzin Jim.Plumat (coord.) | 45h +33.5h | 6 Credits | 2q |

o Biologie

| | | | | | |
|------------|--|--------------------------|---------------|-----------|----|
| ● LBIO1111 | Cell biology and introduction to prokaryotes, protists and fungi | Andre.Lejeune | 37.5h +18h | 5 Credits | 1q |
| ● LBIO1112 | Biologie végétale ; Biologie animale | Andre.Lejeune Jf.Rees | 52.5h +27h | 6 Credits | 2q |

o Chimie

| | | | | | |
|------------|-------------------------------------|------------------|---------|------------|----|
| ● LCHM1111 | General chemistry 1 | Michel.Devillers | 60h+60h | 10 Credits | 1q |
|------------|-------------------------------------|------------------|---------|------------|----|

o Anglais

| | | | | | |
|------------|--|--|-----|-----------|----|
| ● LANG1861 | English: reading and listening comprehension of scientific texts | Ahmed.Adriouche (coord.) Fanny.Desterbecq Sandrine.Meirlaen Annick.Sonck | 10h | 3 Credits | 2q |
|------------|--|--|-----|-----------|----|

o Cours au choix

L'étudiant choisit au moins 3 crédits parmi les cours suivants

| | | | | | |
|------------|---|--|---------|-----------|-----------|
| ⊗ LGEO1181 | Project | Patrick.Meyfroidt Bas.Vanwesemael | 0h+45h | 3 Credits | 1 + 2q |
| ⊗ LCHM1141 | Organic chemistry 1 | Istvan.Marko | 30h+30h | 5 Credits | 2q |
| ⊗ LSC1181 | Computer tools and documentation research | Andre.Moens (coord.) Marie-Anne.Vanhove | 15h+30h | 3 Credits | 2q |

GEOG1BA - 2ND ANNUAL UNIT

○ Mandatory

△ Courses not taught during 2016-2017

⊕ Periodic courses taught during 2016-2017

⊗ Optional

⊖ Periodic courses not taught during 2016-2017

■ Activity with requisites

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

o Majeure**o Géographie humaine**

| | | | | | |
|------------|---|-------------------------------|---------|-----------|----|
| ○ LGEO1221 | Elements of human geography ■ | Marie-Laurence.Dekeersmaecker | 30h+42h | 5 Credits | 1q |
|------------|---|-------------------------------|---------|-----------|----|

o Géographie physique

| | | | | | |
|------------|--|-----------------|---------|-----------|----|
| ○ LGEO1231 | Elements of physical geography ■ | Bas.Vanwesemael | 30h+30h | 5 Credits | 1q |
|------------|--|-----------------|---------|-----------|----|

o Techniques en géographie

| | | | | | |
|------------|-------------------------------|-----------------|---------|-----------|----|
| ○ LGEO1241 | Cartography ■ | Isabelle.Thomas | 30h+30h | 5 Credits | 2q |
|------------|-------------------------------|-----------------|---------|-----------|----|

o Sciences de la terre

| | | | | | |
|------------|---------------------------|-----------------|---------|-----------|----|
| ○ LGEO1251 | Geology ■ | Veerle.Vanacker | 30h+60h | 6 Credits | 2q |
|------------|---------------------------|-----------------|---------|-----------|----|

o Mathématiques générales

| | | | | | |
|------------|--|-----------------|---------|-----------|----|
| ○ LMAT1275 | Statistics in the natural sciences ■ | Anouar.Elghouch | 30h+30h | 5 Credits | 1q |
|------------|--|-----------------|---------|-----------|----|

| | | | | | |
|------------|--|---|-----------------|-----------|----|
| ○ LBIR1204 | Informatique et mathématiques appliquées ■ | Patrick.Bogaert Emmanuel.Hanert (coord.) Marnik.Vanclooster | 22.5h +22.5h | 4 Credits | 2q |
|------------|--|---|-----------------|-----------|----|

o Physique

| | | | | | |
|-------------|--|---------------------------------|---------|-----------|----|
| ○ LBIR1210A | Physique générale (II) ■ | Bruno.Bertrand Fabio.Maltoni | 60h+45h | 8 Credits | 2q |
|-------------|--|---------------------------------|---------|-----------|----|

o Anglais

| | | | | | |
|------------|--|--|-----|-----------|----|
| ○ LANG1862 | English: reading and listening comprehension of scientific texts ■ | Ahmed.Adrioueche (coord.) Catherine.Avery Isabelle.Druant Sandrine.Meirlaen Annick.Sonck Anne-Julie.Toubeau | 30h | 3 Credits | 1q |
|------------|--|--|-----|-----------|----|

o Sciences humaines

| | | | | | |
|-------------|-------------------------------------|--|---------|-----------|----|
| ○ LECGE1115 | Political Economics | Paul.Belleflamme Pierre.Dehez Jean.Hindriks Rigas.Oikonomou | 45h+15h | 5 Credits | 1q |
|-------------|-------------------------------------|--|---------|-----------|----|

| | | | | | |
|-----------|----------------------------|--|-----|-----------|----|
| ○ LSC1120 | Philosophy | Bernard.Feltz Olivier.Sartenaer (compensates Bernard Feltz) | 30h | 2 Credits | 1q |
|-----------|----------------------------|--|-----|-----------|----|

GEOG1BA - 3RD ANNUAL UNIT

○ Mandatory

△ Courses not taught during 2016-2017

⊕ Periodic courses taught during 2016-2017

⊗ Optional

⊖ Periodic courses not taught during 2016-2017

■ Activity with requisites

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

o Majeure**o Géographie générale**

| | | | | | |
|------------|--|-----------------|---------|-----------|----|
| ○ LGEO1381 | Belgium geography (field course + project) ■ | Veerle.Vanacker | 60h+60h | 4 Credits | 1q |
|------------|--|-----------------|---------|-----------|----|

o Géographie humaine**o Cours au choix***L'étudiant choisit 8 crédits parmi les cours suivants*

| | | | | | |
|------------|--|--|---------|-----------|----|
| ⊗ LGEO1321 | Human and Economic geography 1 ■ | Sophie.Vanwambeke | 25h+25h | 4 Credits | 2q |
| ⊗ LGEO1322 | Human and economic geography 2 ■ | Marie-Laurence.Dekeersmaecker Isabelle.Thomas | 25h+25h | 4 Credits | 2q |
| ⊗ LGEO1323 | Human and economic geography (3) ■ | Marie-Laurence.Dekeersmaecker Isabelle.Thomas | 25h+25h | 4 Credits | 2q |

o Géographie physique**o Cours au choix***L'étudiant choisit 10 crédits parmi les cours suivants*

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|------------|---------------------------------|---|-----------------|-----------|----|
| ⊗ LGEO1331 | Geomorphology ■ | Bas.Vanwesemael | 30h+30h | 5 Credits | 2q |
| ⊗ LGEO1332 | Biogeography ■ | Christiane.Lefevre (compensates) Renate.Wesselingh Caroline.Nieberding Caroline.Nieberding (compensates) Renate.Wesselingh Renate.Wesselingh | 45h+24h | 5 Credits | 2q |
| ⊗ LPHY1365 | Meteorology ■ | Michel.Crucifix Thierry.Fichefet | 37.5h +22.5h | 5 Credits | 2q |

o Techniques en géographie

| | | | | | |
|------------|--|-------------------|---------|-----------|----|
| ○ LGEO1341 | Statistical modelling in geography ■ | Sophie.Vanwambeke | 30h+30h | 5 Credits | 1q |
| ○ LGEO1342 | Geographical Information Systems (GIS) ■ | Sophie.Vanwambeke | 30h+30h | 5 Credits | 1q |
| ○ LGEO1343 | Remote sensing ■ | Eric.Lambin | 30h+30h | 5 Credits | 1q |

o Anglais

| | | | | | |
|------------|---|---|-----|-----------|---------|
| ○ LANG1863 | English for Students in Sciences (Upper-Intermediate level) ■ | Ahmed.Adriouche (coord.) Catherine.Avery Sandrine.Jacob (coord.) Sabrina.Knorr Sandrine.Meirlaen (coord.) Nevin.Serbest Colleen.Starrs Francoise.Stas (coord.) | 30h | 3 Credits | 1 ou 2q |
|------------|---|---|-----|-----------|---------|

o Sciences humaines**o Sciences religieuses***L'étudiant choisit 2 crédits parmi les cours suivants*

| | | | | | |
|-------------|--|-------------------|-----|-----------|----|
| ⊗ LTECO2100 | Questions of religious sciences: Biblical readings | Hans.Ausloos | 15h | 2 Credits | 1q |
| ⊗ LTECO2200 | Questions of religious sciences: reflections about Christian faith | Dominique.Martens | 15h | 2 Credits | 2q |

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|-------------|---|--------------|-----|-----------|----|
| ⌘ LTECO2300 | Questions of religious sciences: questions about ethics | Marcela.Lobo | 15h | 2 Credits | 1q |
|-------------|---|--------------|-----|-----------|----|

GEOG1BA - Information

Admission

Decree of 7 November 2013 defining the landscape of higher education and the academic organization of studies.
The admission requirements must be met prior to enrolment in the University.

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

- [> General requirements](#)
- [> Specific requirements](#)
- [> Knowledge of the French language exam](#)
- [> Special requirements](#)

General requirements

Except as otherwise provided by other specific legal provisions, admission to undergraduate courses leading to the award of a Bachelor's degree will be granted to students with one of the following qualifications :

1. A Certificate of Upper Secondary Education issued during or after the 1993-1994 academic year by an establishment offering full-time secondary education or an adult education centre in the French Community of Belgium and, as the case may be, approved if it was issued by an educational institution before 1 January 2008 or affixed with the seal of the French Community if it was issued after this date, or an equivalent certificate awarded by the Examination Board of the French Community during or after 1994;
2. A Certificate of Upper Secondary Education issued no later than the end of the 1992-1993 academic year, along with official documentation attesting to the student's ability to pursue higher education for students applying for a full-length undergraduate degree programme;
3. A diploma awarded by a higher education institution within the French Community that confers an academic degree issued under the above-mentioned Decree, or a diploma awarded by a university or institution dispensing full-time higher education in accordance with earlier legislation;
4. A higher education certificate or diploma awarded by an adult education centre;
5. A pass certificate for one of the [entrance examinations](#) organized by higher education institutions or by an examination board of the French Community; this document gives admission to studies in the sectors, fields or programmes indicated therein;
6. A diploma, certificate of studies or other qualification similar to those mentioned above, issued by the Flemish Community of Belgium (this qualification does not grant exemption from the [French language proficiency examination](#)), the German Community of Belgium or the Royal Military Academy;
7. A diploma, certificate of studies or other qualification obtained abroad and deemed equivalent to the first four mentioned above by virtue of a law, decree, European directive or international convention;

Note:

Requests for equivalence must be submitted no later than 14 July 2016 to the Equivalence department ([Service des équivalences](#)) of the Ministry of Higher Education and Scientific Research of the French Community of Belgium.

The following two qualifications are automatically deemed equivalent to the Certificate of Upper Secondary Education (Certificat d'enseignement secondaire supérieur – CESS):

- European Baccalaureate issued by the Board of Governors of a European School,
- International Baccalaureate issued by the International Baccalaureate Office in Geneva.

These two qualifications do not, however, provide automatic exemption from the [French language proficiency examination](#).

8. Official documentation attesting to a student's ability to pursue higher education (diplôme d'aptitude à accéder à l'enseignement supérieur - DAES), issued by the Examination Board of the French Community.

Specific requirements

Admission to undergraduate studies on the basis of accreditation of knowledge and skills obtained through professional or personal experience (Accreditation of Prior Experience)

Subject to the general requirements laid down by the authorities of the higher education institution, with the aim of admission to the undergraduate programme, the examination boards accredit the knowledge and skills that students have obtained through their professional or personal experience.

This experience must correspond to at least five years of documented activity, with years spent in higher education being partially taken into account: 60 credits are deemed equivalent to one year of experience, with a maximum of two years being counted. At the end of

an assessment procedure organized by the authorities of the higher education institution, the Examination Board will decide whether a student has sufficient skills and knowledge to successfully pursue undergraduate studies.

After this assessment, the Examination Board will determine the additional courses and possible exemptions constituting the supplementary requirements for the student's admission.

Exam of knowledge of the French language

Anyone not demonstrating sufficient [French language proficiency](#) will not be admitted to the first-year undergraduate examinations.

Special requirements

- Admission to **undergraduate studies in engineering: civil engineering and architect**

Pass certificate for the [special entrance examination for undergraduate studies in engineering: civil engineering and architect](#).

Admission to these courses is always subject to students passing the special entrance examination. Contact the faculty office for the programme content and the examination arrangements.

- Admission to **undergraduate studies in veterinary medicine**

[Admission to undergraduate studies in veterinary medicine is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

- Admission to **undergraduate studies in physiotherapy and rehabilitation**

[Admission to undergraduate studies in physiotherapy and rehabilitation is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

- Admission to **undergraduate studies in psychology and education: speech and language therapy**

[Admission to undergraduate studies in psychology and education: speech and language therapy is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

- Admission to **undergraduate studies in medicine and dental science**

[Admission to undergraduate studies in medicine and dental science is governed by the Decree of 16 June 2006 regulating the number of students in certain higher education undergraduate courses \(non-residents\)](#).

Note: students wishing to enrol for a **Bachelor's degree in Medicine** or a **Bachelor's degree in dental science** must first sit [an aptitude test \(fr\)](#).

Teaching method

En première année :

- Des séances sont organisées autour des questions de méthode de travail comme la manière d'aborder les différentes matières et la gestion du temps.
- Les monitorats permettent aux étudiants qui le souhaitent de faire le point sur les matières vues aux cours : les enseignants de chaque discipline répondent aux questions et réexpliquent les notions moins bien comprises.
- Des interrogations obligatoires intervenant dans la note finale de chaque matière sont organisées un mois après le début des cours au premier quadrimestre.

Pour les trois années :

- Les séances d'exercices et de laboratoire sont organisées en petits groupes et sont encadrés par des assistants. Certains travaux pratiques font l'objet de contrôles de connaissances en début de séance et de rapports à remettre en fin de séance.
- Des séjours sur le terrain et un projet permettent à l'étudiant de se confronter à des problèmes concrets et de s'exercer à y apporter des solutions.
- Des travaux personnels et/ou de groupe sont prévus pour certaines activités.
- Des sites internet sont associés à la plupart des cours : des informations utiles y sont déposées.

Evaluation

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

Différentes modalités sont mises en oeuvre pour l'évaluation des connaissances et des compétences acquises au cours de la formation; elles sont adaptées aux types de prestations : évaluation continue notamment pour les exercices pratiques, évaluation des travaux personnels et de groupe, évaluation globale (écrite et/ou orale) durant les sessions d'examens.

Mobility and/or Internationalisation outlook

Sauf cas exceptionnels, la mobilité internationale n'est recommandée que dans le cadre des programmes de master.

Possible trainings at the end of the programme

Erreur de transformation xhtml vers fo pour 'formations_accessible' erreur=org.xml.sax.SAXParseException; lineNumber: 274; columnNumber: 13; Open quote is expected for attribute "class" associated with an element type "SPAN".

Contacts

Attention, you are currently reading a page of an old programme study. To get up to date contact information, please got to the [current program study](#) site.

Curriculum Management

Entite de la structure GEOG

| | |
|-------------------------|---|
| Acronyme | GEOG |
| Dénomination | Ecole de géographie |
| Adresse | Place Louis Pasteur, 3 bte L4.03.07 1348 Louvain-la-Neuve Tél 010 47 28 73 - Fax 010 47 28 77 |
| Site web | http://www.uclouvain.be/geo |
| Secteur | Secteur des sciences et technologies (SST) |
| Faculté | Faculté des sciences (SC) |
| Commission de programme | Ecole de géographie (GEOG) |

Academic Supervisor : Sophie Vanwambeke

Jury

Président des jurys de 2ème et de 3ème année : Marie-Laurence De Keersmaecker

Secrétaire des jurys de 2ème et de 3ème année : Bas van Wesemael

Usefull Contacts

Gestionnaire de l'admission et de l'inscription : Nathalie Micha

Secrétaire de l'Ecole de géographie : Mila Mihaylova

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