

**Cycle view of the study programme**

B1 Or Th Pr Au Cr

**Compulsory courses (B1 : 60Cr, B2 : 30Cr)**

**Core courses common to the study paths**

|            |  |    |    |    |    |     |    |
|------------|--|----|----|----|----|-----|----|
| GEOG0057-1 | <i>Spatial analysis</i> - François JONARD                                    | B1 | Q2 | 30 | 30 | -   | 5  |
| GEOG0650-2 | <i>Impact studies</i> - Guénaël DEVILLET                                     | B1 | Q2 | 10 | 20 | -   | 3  |
| CLIM0026-1 | <i>Global warming and natural risks</i> (english language) - Xavier FETTWEIS | B1 | Q2 | 10 | 20 | -   | 3  |
| GEOG2028-1 | <i>Introduction to spatial planning</i> - JeanMarie HALLEUX - [1d FW]        | B1 | Q1 | 15 | 15 | [+] | 3  |
| SMEM0043-1 | <i>Final thesis</i> - COLLÉGIALITÉ   | B2 | TA | -  | -  | -   | 20 |
| SSTG0058-1 | <i>Placements</i> - COLLÉGIALITÉ - [6w Internship]                           | B2 | TA | -  | -  | [+] | 6  |

**Course(s) specific to the study path**

|            |   |    |    |    |    |     |   |
|------------|---|----|----|----|----|-----|---|
| GEOG0667-1 | <i>The Territorial dimension of the European Green deal. Chaire Sporck</i> (english language) - Marina FROLOVA IGNATIEVA, Serge SCHMITZ | B1 | Q2 | 15 | 6  | -   | 2 |
| GEOG2035-1 | <i>Tourism development Strategy</i> - Serge SCHMITZ - [2d FW]   | B1 | Q1 | 15 | 10 | [+] | 4 |
| RISQ2025-1 | <i>Migration and displacement of people following environmental degradation and shocks, Part 1</i> (english language) - Sabine HENRY    | B1 | Q1 | 24 | -  | -   | 2 |
| GEOG2012-1 | <i>Coastal geomorphology, changing sea levels and the vulnerability of coastal regions</i> - Aurelia HUBERT - [3d FW]                   | B1 | Q2 | 20 | 10 | [+] | 4 |
| GEST3024-1 | <i>Business and sustainable development</i> - Sybille MERTENS DE WILMARS  | B1 | Q2 | 30 | -  | -   | 3 |
| ENVT3065-2 | <i>Sustainability challenges, Partim 1 - Les enjeux climat et énergie</i> (english language) - Bertrand CORNÉLUSSE, Xavier FETTWEIS     | B1 | Q1 | 16 | 16 | -   | 3 |
| GEOG2050-1 | <i>Natural risks</i> - HansBalder HAVENITH, Geoffrey HOUBRECHTS, Aurelia HUBERT - [2d FW]   | B1 | Q1 | 24 | -  | [+] | 3 |
| GEOG0060-1 | <i>Remote sensing</i> - François JONARD   | B1 | Q1 | 25 | 25 | -   | 5 |
| GEOG0062-1 | <i>Geovisualization</i> - Pierre HALLOT   | B1 | Q2 | 30 | 30 | -   | 5 |
| GEOG2052-1 | <i>Field surveys in geomorphology and climatology</i> - Geoffrey HOUBRECHTS - [5d FW]   | B1 | Q2 | -  | 15 | [+] | 5 |
| GEOG2033-1 | <i>Urban and territorial economy: spatial development</i> - JeanMarie HALLEUX   | B1 | Q2 | 15 | 15 | -   | 3 |
| GEOG0058-1 | <i>Regional development project</i> - Guénaël DEVILLET, Serge SCHMITZ - [6d FW]   | B1 | TA | 10 | 40 | [+] | 7 |
| SSTG0059-1 | <i>Work placements</i> - COLLÉGIALITÉ - [4w Internship]   | B2 | TA | -  | -  | [+] | 4 |

**Optional courses (B2 : 30Cr)**

**Choose one focus from the following : (B2 : 30Cr)**

**Teaching focus (B2 : 30Cr)**

|            |   |    |    |    |    |     |   |
|------------|---|----|----|----|----|-----|---|
| AESS0202-1 | <i>General didactics: course and exercises ; observation placements ; reflexive practices</i> - Annick FAGNANT - [10h Internship]<br><b>Corequisite :</b><br>AESS1221-1 - Didactique spéciale en géographie : stages (partim I)<br>AESS1220-1 - Didactique spéciale en géographie : cours et exercices (partim I) | B2 | TA | 30 | 10 | [+] | 4 |
| AESS1220-1 | <i>Special didactics in geography : course and exercises (1st part)</i> - Roland BILLEN, Hélène ROUCHET<br><b>Corequisite :</b><br>AESS1221-1 - Didactique spéciale en géographie : stages (partim I)<br>AESS0202-1 - Didactique générale : cours et exercices ; stages d'observation ; pratiques réflexives      | B2 | Q1 | 40 | -  | -   | 3 |

|            |  |    |    |    |    |   |  |  |  |          |
|------------|--|----|----|----|----|---|--|--|--|----------|
| AESS1221-1 | <i>Special didactics in geography : placements (1st part)</i><br>- <i>Observation placements</i> - Roland BILLEN, Hélène ROUCHET - [10h Internship]<br>- <i>Teaching placements</i> - Roland BILLEN, Hélène ROUCHET - [20h Internship]<br>- <i>Reflexive practical work</i> - Roland BILLEN, Hélène ROUCHET  | B2 | TA |    |    |   |  |  |  | <b>3</b> |
|            | <b>Corequisite :</b><br>AESS1220-1 - Didactique spéciale en géographie : cours et exercices (partim I)<br>AESS0202-1 - Didactique générale : cours et exercices ; stages d'observation ; pratiques réflexives  |    |    |    |    |   |  |  |  |          |
| AESS2220-1 | <i>Special didactics in geography : course and exercises (2nd part)</i> - Roland BILLEN, Hélène ROUCHET  | B2 | Q2 | 35 | -  | - |  |  |  | <b>4</b> |
|            | <b>Corequisite :</b><br>AESS0202-1 - Didactique générale : cours et exercices ; stages d'observation ; pratiques réflexives<br>AESS1220-1 - Didactique spéciale en géographie : cours et exercices (partim I)<br>AESS1221-1 - Didactique spéciale en géographie : stages (partim I)<br>AESS2221-1 - Didactique spéciale en géographie : stages (partim II)             |    |    |    |    |   |  |  |  |          |
| AESS2221-1 | <i>Special didactics in geography : placements (2nd part)</i><br>- <i>Teaching placements</i> - Roland BILLEN, Hélène ROUCHET - [20h Internship]<br>- <i>Reflexive practical work</i> - Roland BILLEN, Hélène ROUCHET<br>- <i>Extra-scholar teaching activities</i> - Roland BILLEN, Hélène ROUCHET  | B2 | TA |    |    |   |  |  |  | <b>5</b> |
|            | <b>Corequisite :</b><br>AESS0202-1 - Didactique générale : cours et exercices ; stages d'observation ; pratiques réflexives<br>AESS1220-1 - Didactique spéciale en géographie : cours et exercices (partim I)<br>AESS1221-1 - Didactique spéciale en géographie : stages (partim I)<br>AESS2220-1 - Didactique spéciale en géographie : cours et exercices (partim II) |    |    |    |    |   |  |  |  |          |
| AESS0004-1 | <i>Media education</i> - Jeremy HAMERS   | B2 | Q1 | 15 | -  | - |  |  |  | <b>1</b> |
| AESS0143-1 | <i>Educational Psychology of adolescents and young adults</i> - Annick FAGNANT   | B2 | Q1 | 15 | -  | - |  |  |  | <b>2</b> |
| AESS0140-1 | <i>Professional ethics and training to neutrality and citizenship</i> - Anne HERLA   | B2 | Q2 | 25 | -  | - |  |  |  | <b>2</b> |
| AESS0249-1 | <i>Interdisciplinary seminar</i> - Annick FAGNANT  | B2 | Q2 | 15 | -  | - |  |  |  | <b>1</b> |
| AESS0246-1 | <i>Analysis of scholastic institutions and educational policies</i> - Annelise VOISIN  | B2 | Q2 | 15 | -  | - |  |  |  | <b>1</b> |
| AESS0248-1 | <i>Elements of sociology of education</i> - JeanFrançois GUILLAUME   | B2 | Q2 | 10 | -  | - |  |  |  | <b>1</b> |
| AESS0339-1 | <i>Understand and manage the diversity of public schools</i> - Ariane BAYE   | B2 | TA | 10 | 15 | - |  |  |  | <b>3</b> |

#### Professional focus in urban and regional planning (B2 : 30Cr)

*Notice :* Only open to students enrolled before the 2023-2024 academic year.

|            |   |    |    |    |    |     |  |  |  |          |
|------------|---|----|----|----|----|-----|--|--|--|----------|
| ARCH2005-2 | <i>Operational urban planning : integrated practice</i> - Sigrid REITER<br>- <i>Suppl :</i> Jacques TELLER - [95h Proj.]                  | B2 | Q2 | -  | 80 | [+] |  |  |  | <b>7</b> |
| ARCH2004-3 | <i>Analysis seminar of the urban projects</i> - Jacques TELLER - [5d FW]  | B2 | TA | 50 | -  | [+] |  |  |  | <b>4</b> |
| ARCH2001-1 | <i>Urban networks</i> - Sigrid REITER   | B2 | Q2 | 20 | -  | -   |  |  |  | <b>2</b> |
| ARCH2018-1 | <i>Urban and territorial governance</i> - Christophe BREUER, Jacques TELLER   | B2 | Q1 | 20 | -  | -   |  |  |  | <b>2</b> |
| SPOL2209-3 | <i>Environmental and land policies</i> - Sophie HANSON<br><b>Corequisite :</b><br>GEOG2028-1 - Introduction à l'aménagement du territoire | B2 | Q1 | 30 | -  | -   |  |  |  | <b>2</b> |
| GEOG0058-1 | <i>Regional development project</i> - Guénaël DEVILLET, Serge SCHMITZ - [6d FW]   | B2 | TA | 10 | 40 | [+] |  |  |  | <b>7</b> |

|            |   |    |    |    |    |   |          |
|------------|---|----|----|----|----|---|----------|
| GEOG0669-1 | <i>Implications of urbanisation on the landscape and ecology</i> -<br>Jan BOGAERT   | B2 | Q2 | 20 | 10 | - | <b>3</b> |
| GEOG2033-1 | <i>Urban and territorial economy: spatial development</i> -<br>JeanMarie HALLEUX<br><b>Corequisite :</b><br>GEOG2028-1 - Introduction à l'aménagement du territoire<br>SPOL2209-3 - Politique de l'environnement et du territoire | B2 | Q2 | 15 | 15 | - | <b>3</b> |

Students who have already followed certain courses may choose, with the jury's agreement, alternative courses in the University of Liège course programme for the same number of credits.

### Additional ECTS Master in geography : general (120 ECTS)

#### Optional courses (B0 : 60Cr)

Depending on the student's previous training and in agreement with the Jury, choose, if necessary, courses for a maximum of 60 credits among: (B0 : 60Cr)

|            |  |    |    |    |    |     |          |
|------------|--|----|----|----|----|-----|----------|
| GEOG0238-5 | <i>Geographical Information Systems, Introduction</i> -<br>Roland BILLEN, François JONARD  | B0 | Q1 | 15 | 15 | -   | <b>2</b> |
| GEOG2053-1 | <i>Introduction to Urban GIS</i> (english language) - Roland BILLEN  | B0 | Q1 | 12 | 20 | -   | <b>3</b> |
| GEOG0206-1 | <i>Geographical information systems</i> - Roland BILLEN  | B0 | Q2 | 30 | 40 | -   | <b>7</b> |
| GEOG0665-1 | <i>Introduction to remote sensing</i> - François JONARD  | B0 | Q2 | 25 | 25 | -   | <b>5</b> |
| ECON0107-2 | <i>Introduction to economic analysis</i><br>- <i>Microeconomics</i> - HenryJean GATHON<br>- <i>Macroeconomics</i> - HenryJean GATHON | B0 | Q1 | 20 | 6  | -   | <b>5</b> |
| GEOG2021-2 | <i>Urban territories: diagnoses and planning, Localisation des activités économiques</i> - Guénaël DEVILLET                          | B0 | Q1 | 25 | -  | -   | <b>2</b> |
| GEOG2021-3 | <i>Urban territories: diagnoses and planning, Géographie urbaine : principes et enjeux</i> - JeanMarie HALLEUX                       | B0 | Q1 | 25 | -  | -   | <b>2</b> |
| GEOG2024-3 | <i>Territorial diagnosis workshops and qualitative methods, Partim 1</i> - Serge SCHMITZ   | B0 | Q1 | 15 | 25 | -   | <b>3</b> |
| GEOG0222-3 | <i>Rural geography</i> - Serge SCHMITZ - [2d FW]   | B0 | Q1 | 30 | 30 | [+] | <b>6</b> |
| GEOG2016-2 | <i>Elements of physical geography, Climatology</i> -<br>Sébastien DOUTRELOUP, Xavier FETTWEIS - [1d FW]                              | B0 | Q2 | 25 | 25 | [+] | <b>4</b> |
| GEOG2020-1 | <i>Elements of meteorology</i> - Sébastien DOUTRELOUP,<br>Xavier FETTWEIS - [2d FW]  | B0 | Q1 | 20 | 15 | [+] | <b>3</b> |
| GEOG0630-3 | <i>Climatic geomorphology</i><br>- <i>Part A</i> - Aurelia HUBERT - [4d FW]<br>- <i>Part B</i> - Aurelia HUBERT                      | B0 | Q1 | 15 | 10 | [+] | <b>5</b> |
| GEOG0605-1 | <i>Regional geography and geomorphology</i> - Geoffrey HOUBRECHTS<br>- [3d FW]   | B0 | Q2 | 10 | -  | [+] | <b>3</b> |

[...] the bachelor's programme in geography

[...] the programme from another field of study in Liege