

Cycle view of the study programme

B1 Or Th Pr Au Cr

Coordinating institution : ULB

Admission and registration procedures should be carried out with the referring establishment.

Compulsory courses (B1 : 60Cr)

Module A1 : Transport Geography and Localisation of Economic Activities

| | | | | | | | | | |
|------------|--------------------------------------------------------------|----|----|---|---|--|--|--|----------|
| GEOG2048-1 | <i>Transport geography and location of economic activity</i> | B1 | Q1 | | | | | | 5 |
| | - <i>Transport geography</i> - Jacques CHARLIER | | 30 | - | - | | | | |
| | - <i>Location of economic activity</i> - Frédéric DOBRUSZKES | | 15 | 6 | - | | | | |

Academic person in charge of the module : Frédéric DOBRUSZKES (ULB)

Module A2 : Transport, Land and Sustainable Development

| | | | | | | | | | |
|------------|---------------------------------------------------------------------------------------|----|----|---|---|--|--|--|----------|
| ENVT2006-1 | <i>Transport, land and sustainable development</i> | B1 | Q1 | | | | | | 5 |
| | - <i>Land planning and environment</i> - Mireille DECONINCK, MarieFrançoise GODART | | 30 | - | - | | | | |
| | - <i>Networks and transport infrastructure</i> - Yvon LOYAERTS | | 15 | - | - | | | | |

Academic person in charge of the module : Mireille DECONINCK (ULB)

Module A3 : Technical, Economic and Socioeconomic Evaluation of transports

| | | | | | | | | | |
|------------|-----------------------------------------------------------------------------------|----|----|---|---|--|--|--|----------|
| GCIV2180-1 | <i>Economic, technical-economic and socio-economic evaluation</i> | B1 | Q1 | | | | | | 5 |
| | - <i>Economic analysis and evaluation in transportation</i> - HenryJean GATHON | | 18 | - | - | | | | |
| | - <i>Technical-economic evaluation of transport</i> - Mario COOLS | | 18 | - | - | | | | |
| | - <i>Socio-economic and environmental evaluation</i> - Estelle NAYES | | 9 | - | - | | | | |

Academic person in charge of the module : Henri-Jean GATHON (ULg)

Module A4 : Modelling-Simulation-Operational Research

| | | | | | | | | | |
|------------|-----------------------------------------------------------------------|----|----|----|---|--|--|--|----------|
| GCIV2167-1 | <i>Modelling, simulation and operational research</i> | B1 | Q1 | | | | | | 5 |
| | - <i>Applied operations research</i> - Daniel TUYTTENS | | 18 | 6 | - | | | | |
| | - <i>Cargo modeling</i> - Eric CORNELIS | | 15 | 15 | - | | | | |
| | - <i>Collection and analysis of data for mobility</i> - Eric CORNELIS | | 12 | 9 | - | | | | |

Academic person in charge of the module : Eric CORNELIS (UNamur)

A5 module : Politics, law and sociology of transport

| | | | | | | | | | |
|------------|----------------------------------------------------------------------|----|----|---|---|--|--|--|----------|
| GCIV2168-1 | <i>Politics, law and sociology of transport</i> | B1 | Q2 | | | | | | 5 |
| | - <i>Transport policy</i> - HenryJean GATHON | | 15 | - | - | | | | |
| | - <i>Transport law</i> - MarieAnge ROSSEELS | | 15 | - | - | | | | |
| | - <i>Sociology of transport and sustainable mobility</i> - M. HUBERT | | 15 | - | - | | | | |

Academic person in charge of the module : Henri-Jean GATHON (ULg)

A6 module : Transport technologies and intelligent transport systems

| | | | | | | | | | |
|------------|-----------------------------------------------------------------|----|----|---|---|--|--|--|----------|
| GCIV2025-2 | <i>Transport technologies and intelligent transport systems</i> | B1 | Q2 | | | | | | 5 |
| | - <i>Rail transport technologies</i> - N. DOCQUIER | | 9 | - | - | | | | |
| | - <i>Technology of air transport</i> - Patrick HENDRICK | | 9 | - | - | | | | |
| | - <i>Naval and navigation technology</i> - André HAGE | | 9 | 6 | - | | | | |
| | - <i>New road and rail propulsion systems</i> - Pierre DUYSINX | | 15 | - | - | | | | |
| | - <i>Systems of intelligent transport</i> - Yvon LOYAERTS | | 3 | 3 | - | | | | |

Academic person in charge of the module : Pierre DUYSINX (ULg)

Module A7 : Logistics and supply chain management

| | | | | | | | | | |
|------------|----------------------------------------------|----|----|---|---|--|--|--|----------|
| GCIV2169-1 | <i>Supply chain management and logistics</i> | B1 | | | | | | | 5 |
| | - <i>Logistical operation</i> - Bruno KELNER | | 15 | - | - | | | | |

Study programmes 2016-2017
Faculty of Applied Sciences
Specialised master in transport and logistics

| | | | |
|-------------------------------------------------------------------|----|---|---|
| - <i>Performance and logistics flow management</i> - Nicolas RIGO | 15 | - | - |
| - <i>Urban logistics</i> - Milena JANJEVIC | 15 | - | - |

Academic person in charge of the module : Nicola RIGO (ULB)

Module A8 : Transport planning and management

| | | | | | | |
|------------|-------------------------------------------------------------------------------------------------------------|----|----|---|---|----------|
| GCIV2181-1 | <i>Management and planning of transport</i> | B1 | Q2 | | | 5 |
| | - <i>Design of integrated projects of transport and mobility</i> - Mario COOLS | | 18 | - | - | |
| | - <i>Evaluation and decision support for transport and logistics</i> - Nicolas RIGO | | 12 | - | - | |
| | - <i>Plans management and transportation projects</i> - Géraldine STRACK, JeanChristophe VAN DEN SCHRIEK | | 15 | 9 | - | |

Academic person in charge of the module : Mario COOLS (ULg)

Module B1 : Transversal module

Notice : this module's activities take place during the programme period

| | | | | | | |
|------------|---------------------------------------|----|----|----|---|----------|
| GCIV2044-1 | <i>Cross-cutting module</i> | B1 | TA | | | 5 |
| | - <i>Chaire du Sud I et II</i> - N... | | - | 36 | - | |
| | - <i>Conferences</i> - N... | | - | 30 | - | |
| | - <i>Technical visits</i> - N... | | - | 60 | - | |

Module B2 : Final work

Notice : this module's activities take place during the programme period

| | | | | | | | |
|------------|----------------------------------|----|----|---|---|---|-----------|
| ATFE2001-1 | <i>Final work</i> - COLLÉGIALITÉ | B1 | TA | - | - | - | 15 |
|------------|----------------------------------|----|----|---|---|---|-----------|

This course ends with the writing, under the supervision of a member of the teaching staff, of a report on a theme specific to the management of mobility, transport and logistics. This individual end of degree study allows students to show autonomy, a critical sense, and their personal qualities and professional skills.

Academic person in charge of the module : Eric CORNELIS (UNamur)