# lgeo2160

*2021*

# Integrated exercise in geography I

| 4.00 credits | 30.0 h + 30.0 h | Q1 |
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| Teacher(s) | Meyfroidt Patrick ;van Wesemael Bas ; |
| Language : | English |
| Place of the course | Louvain-la-Neuve |
| Main themes | Cours magistraux Theoretical course 1 Introduction to the course and its objectives - defining the problem and themes for the case studies.The case studies will be based on a comparison of two European regions (within Belgium and Spain). The specific study themes will change each year, but examples include : tourism, transport (air traffic, high speed trains, road building, etc.), migration/demography and residential housing (retirement homes, new labour), emerging/declining industries (manufacturing, etc.), agriculture and agri-business (glass house production, fruit production), forest cover change, the impact of land use change on water resources (industrial and agricultural consumption patterns), biogeography (ecology and landscape), land degradation (the socio-economic and physical drivers of soil erosion on the loess belt and in Mediterranean environments). Student implication : 1 hour Travaux dirigés : Themes TD 1 Defining the problem and refining the case study objectives Small group tutorial (5 per group) Student implication : 1 hour TD 2 Discussing progress and initial results Small group tutorial (5 per group) Student implication : 1 hour TD 3 Field work to validate hypotheses See GEOG2161 Enseignement de terrain TD 4 Presenting the results and conclusions of the study Seminar (in English) Student implication : 3 hours Travaux personnels : Working in small thematic groups to identify and allocate the tasks and techniques necessary to achieve the case study objectives ( 4 hours). Tackling the problem - review of the literature and the study area, collection and use of available data resources, application of appropriate methods (40 hours). Field work (see GEOG2161 Enseignement de terrain) Production of the final report (12 hours). Notions acquises : Ability to work within a team and contribute to the group's work Methodological and analytical techniques Seminar presentation skills (and ability in English) Report writing skills |
| Learning outcomes | **At the end of this learning unit, the student is able to :** |
| | 1    Knowledge : To further develop understanding of the processes of human and physical geography and how these processes interact within the context of the issues and problems that occur at the regional scale. To analyse regional development policies within the European Union, and assess their impact on land use within different case study areas. Know-how : To apply fundamental geographic principles and techniques to real-world problems and thus, to bridge the gap between the classroom and geography in practice. (This will be achieved in combination with the enseignement de terrain). To develop the capacity for critical appraisal of regional policies and development in the EU. To develop and apply a working knowledge of the English language within the framework of the University language plan. Personal skills : To develop the capacity to work in groups as part of a team |
| Evaluation methods | Course work: group presentation and individual presentation |
| Teaching methods | The students will first work on a general theme based on a report by an international organization. The second step will be on a specific question identified in a scientific paper. |
| Content | The aim of this course is to offer the students the opportunity to investigate the interaction between the human and physical environment based on a general theme (that changes each year) |
| Faculty or entity in charge | GEOG |

| Programmes containing this learning unit (UE) | | | | |
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| Program title | Acronym | Credits | Prerequisite | Learning outcomes |
| Master [120] in Geography : General | GEOG2M | 4 | | 🔍 |
| Master [60] in Geography : General | GEOG2M1 | 4 | | 🔍 |