

**GEOG2120 Integrated exercise in geography (I)**

[15h+15h exercices] 2.5 crédits

**Enseignant(s):** Mark Rounsevell

Langue d'enseignement : anglais

Niveau : Second cycle

**Objectifs (en termes de compétences)****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.

**Personal skills :**

To develop the capacity to work in groups as part of a team.

**Objet de l'activité (principaux thèmes à aborder)**

Prérequis :

Géographie humaine et économique (GEOG2141)

Cartographie (GEOG1150)

Méthodes d'analyse géographique quantitative (GEOG2150)

Systèmes d'information géographique (GEOG2151)

Enseignement de terrain (GEOG21 and GEOG22)

Cours magistraux :

Themes

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 GEOG 2161 Enseignement de terrain

TD 4 Presenting the results and conclusions of the study (Seminar )

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 GEOG 2161 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

Report writing skills

**Autres informations (Pré-requis, Evaluation, Support, ...)**

Les étudiants ont accès à la base de données rassemblée sur la zone d'analyse.

**Autres crédits de l'activité dans les programmes**

<b>GEOG21</b>	Première licence en sciences géographiques	(2.5 crédits)	Obligatoire
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