

28340 - Land Coordination: Infrastructures and Services

Syllabus Information

Academic Year: 2019/20

Subject: 28340 - Land Coordination: Infrastructures and Services

Faculty / School: 103 - Facultad de Filosofía y Letras

Degree: 419 - Degree in Geography and Land Management

ECTS: 6.0

Year: 3

Semester: Second semester

Subject Type: Optional

Module: ---

1.General information

1.1.Aims of the course

1.2.Context and importance of this course in the degree

1.3.Recommendations to take this course

2.Learning goals

2.1.Competences

2.2.Learning goals

2.3.Importance of learning goals

3.Assessment (1st and 2nd call)

3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

4.Methodology, learning tasks, syllabus and resources

4.1.Methodological overview

The methodology followed in this course is oriented towards achievement of the learning objectives. It is based on:

- a. The maintenance of an integrated perspective that favors the relationship with others topics and courses of the Degree
- b. The coordination of the learning and teaching tasks with the issues addressed during the course.
- c. The introduction of the way in which the discipline raises, answers or explains issues of great social, economic and environmental interest.

A wide range of teaching and learning tasks are implemented, such as lectures, practical exercises, individual and group tasks, guided tasks, field work, autonomous work and study.

Students are expected to participate actively in the class throughout the semester.

Classroom materials will be available via Moodle. These include a repository of the lecture notes used in class, the course syllabus, as well as other course-specific learning materials.

4.2.Learning tasks

The course includes the following learning tasks:

- Lectures (28 hours)

- Practice sessions (30 hours). They include interactive, individual or group activities, case studies and problems-based learning.
- Autonomous work and study (90 hours)
- Assessment tasks (2 hours)

4.3.Syllabus

The course will address the following topics:

SECTION I ("Introductory Issues")

- Topic 1. Services and its economic and territorial importance
- Topic 2. The sectoral and spatial variations of the services
- Topic 3. The services in the territory. Approaches, principles and applications

SECTION II ("The location of services and infrastructure Principles.")

- Topic 4. The location of services: Classical theories
- Topic 5. The location of services: Contemporary theories
- Topic 6. The spatial organization of transport and communication networks
- Topic 7. The development of transport and communication networks

SECTION III ("The location of services and infrastructure Applications for the management of the territory")

- Topic 8. The estimation of influence areas of trade and services
- Topic 9. Location decisions. The search for the optimal location for services and infrastructures
- Topic 10. Networks and accessibility analysis

4.4.Course planning and calendar

The course is divided into 3 sections. The course topics are taught in weekly two-hour lecture sessions, supported by two weekly one-hour seminars. Each section lasts for about four weeks.

The written exam is carried out at the end of the first section.

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course will be provided on the first day of class or please refer to the Facultad de Filosofía y Letras website (<https://fyl.unizar.es/horario-de-clases#overlay-context=horario-de-clases>)

4.5.Bibliography and recommended resources

- Mérenne-Schoumaker, Bernadette. Géographie des services et des commerces / Bernadette Mérenne-Schoumaker Rennes : Presses Universitaires de Rennes, 2003
- Rodrigue, J.P.; Comtois, C.; Slack, B.. The Geography of transports systems. London: Routledge, 2013

Additional materials and ressources are provided *via* the Moodle site of the course.