

28340 - Land Coordination: Infrastructures and Services

Syllabus Information

Academic year: 2023/24

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:

Semester: Second semester

Subject type: Optional

Module:

1. General information

The subject explores in depth the study of the spatial organisation of the facilities and infrastructures that facilitate the provision of the services necessary for the territorial articulation and the correct development of economies and societies.

These approaches and goals are aligned, among others, with the following Sustainable Development Goals and targets (SDGs): 8: Work...and growth...", goal 8.3: ("...policies...that support...entrepreneurship, ...creativity ...innovation..." 9.

Industry, innovation and infrastructure, objective 9.4: "Develop infrastructures..." 10. Reducing ...inequalities, objective 10.3: "...equal opportunities..." 11. Sustainable ... cities, objective 11.1:"...access...to basic services"; 11.2: "...transport...for all..."; 11.3 "...inclusive and sustainable urbanization...", and 11.7 "...access to green areas and spaces..."

inclusive"), among others. 12. Responsible production and consumption, target 12.5: "...reduce...waste..."

2. Learning results

- Demonstrate advanced knowledge of the main themes and current approaches of Economic Geography in relation to the services and infrastructures that support them.
- Use with fluency and rigor the main concepts and theories on the dynamics and territorial organization of services and their infrastructures.
- To be able to select the appropriate sources for the analysis of the dynamics and spatial organization of services and their infrastructures at the usual scales of spatial planning.
- To be able to select and apply the techniques and tools for the analysis of the dynamics and spatial organization of services and infrastructures at the usual scales of spatial planning .
- Evaluate and critically assess the theoretical and methodological elements integrated in the analyses and activities carried out
- Demonstrate autonomy in the resolution of theoretical-methodological or other problems arising from the analyses and activities carried out .
- Present the arguments handled with the rigor, clarity and maturity appropriate to their academic level

3. Syllabus

Unit 1: The provision of services and the articulation of the territory

Unit 2: Trade and its importance in territorial articulation

Unit 3: The location of services and facilities in the territory

Unit 4: Transport and territorial articulation

Unit 5: The spatial organization of infrastructure and mobility

Unit 6: Analysis of infrastructure networks and assessment of connectivity and accessibility

4. Academic activities

The following activities are planned for the achievement of the learning results:

Master classes: interactive sessions for the presentation, analysis and discussion of the various issues on the program

Problem solving and case studies in the classroom: examples of the problems dealt with in the theoretical classes are reviewed and different analysis techniques are applied in a selection of practical exercises to be carried out individually or in groups.

Special practices: They may include field practices or supervised visits or other similar activities.

Supervised work

Assessment tests.

Personal study.

5. Assessment system

First call

a) Continuous assessment system

1. Examination of the theoretical contents of the program taught (40%). Evaluation criteria: knowledge of the issues addressed; analytical rigor; expository quality.

2. Completion and delivery of four practical exercises on the dates indicated (60%, 15% each of the exercises). Evaluation criteria : quality of its structure, correctness and rigor in the analysis, adequate interrelation with the theoretical contents, expository quality.

The subject is passed with an average score of 5 between the exam and the practical exercises.

b) Global assessment test:

Examination with two parts corresponding to the theoretical and practical contents of the program. Assessment criteria: knowledge of the issues addressed, analytical rigor, expository quality. The subject is passed with a grade of 5.

Second call

a) Global evaluation test, with the same characteristics, evaluation criteria and requirements to pass the course as in the first call.