

Academic Year/course: 2022/23

66703 - Cartography and new technology for land and environmental planning

Syllabus Information

Academic Year: 2022/23

Subject: 66703 - Cartography and new technology for land and environmental planning

Faculty / School: 103 - Facultad de Filosofía y Letras

Degree: 328 - Master's in Land and Environmental Planning

ECTS: 6.0

Year: 1

Semester: Annual

Subject Type:

Module:

1. General information

1.1. Aims of the course

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1.2. Context and importance of this course in the degree

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1.3. Recommendations to take this course

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2. Learning goals

2.1. Competences

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2.2. Learning goals

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2.3. Importance of learning goals

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3. Assessment (1st and 2nd call)

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

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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. A wide range of teaching and learning tasks are implemented, such as participative sessions, practical exercises, individual or group activities, guided activities, field work and autonomous work.

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

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, including a discussion forum.

4.2. Learning tasks

The course includes the following learning tasks:

- Theory sessions (37 hours):
 - Geographical Information Systems (12 hours)
 - Cartography (13 hours)
 - Remote sensing (12 hours).
- Practical activities (23 hours).
- Autonomous work and study (84 hours).
- Assessment tasks (6 hours).

4.3. Syllabus

The course will address the following topics:

Topic 1. Geographical Information Systems
Topic 2. Thematic Cartography
Topic 3. Remote Sensing

4.4. Course planning and calendar

Further information concerning the timetable, classroom, 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* web site (<https://fyl.unizar.es/horario-de-clases#overlay-context=horario-de-clases>)

4.5. Bibliography and recommended resources

Only software and technical resources