

Academic Year/course: 2021/22

60422 - Principles of map design

Syllabus Information

Academic Year: 2021/22

Subject: 60422 - Principles of map design

Faculty / School: 103 - Facultad de Filosofía y Letras

Degree: 352 - Master's in Geographic Information Science and Technology for Land Management: Geographic Information Systems and Remote Sensing

ECTS: 2.0

Year: 1

Semester: Annual

Subject Type: Optional

Module:

1. General information

2. Learning goals

3. Assessment (1st and 2nd call)

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The learning and teaching methodology developed in the course is aimed to promote the achievement of the learning objectives. A range of teaching and learning activities is implemented, such as lectures, practice sessions, practical exercises with GIS software, group activities, and study.

A high level of student participation will be required from all students throughout the course.

A portfolio is required from all the students, which consists of a collection of the students' coursework that shows their learning process and knowledge acquisition.

Extensive material will be available *via* the Moodle site of the course. This offers a variety of resources including a repository of the lecture notes used in class, a course syllabus as well as other forms of course-specific materials.

4.2. Learning tasks

The course includes the following learning tasks:

- Theory sessions: 15 hours
- Practice sessions: 5 hours
- Guided tasks: 10 hours
- Autonomous work and study: 9 hours
- Assessment task: 1 hour

4.3. Syllabus

The course will address the following topics:

Topic 1. The Geographic and Cartographic Framework

Topic 2. The cartographic process

- Topic 3. Planning and Composition
- Topic 4. Base map and thematic data
- Topic 5. Symbolization
- Topic 6. Decision-making process
- Topic 7. Layout Design
- Topic 8. Critique of maps

4.4. Course planning and calendar

The course will address 8 topics. The length of this course is of two weeks during the first semester. Each session lasts 2.5 hours.

For further details concerning the timetable, classroom and other information of the course please refer to the *Facultad de Filosofía y Letras* website (<https://fyl.unizar.es/>)

4.5. Bibliography and recommended resources

<http://psfunizar10.unizar.es/br13/eBuscar.php?tipo=a>