60422 - Principles of map design

Syllabus Information

Academic Year: 2019/20
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

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 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 concernig the timetable, classroom and other information of the course 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

Information concerning bilbiography please refer to http://psfunizar7.unizar.es/br13/eBuscar.php?tipo=a