

60418 - Visualisation, presentation and spreading of geographical information

Información del Plan Docente

Academic Year	2017/18
Faculty / School	103 - Facultad de Filosofía y Letras
Degree	352 - Master's in Geographical Information Technology for Territorial Development: Geographical Informations Systems and Teledetection
ECTS	6.0
Year	1
Semester	Annual
Subject Type	Compulsory
Module	---

1.General information

1.1.Introduction

1.2.Recommendations to take this course

1.3.Context and importance of this course in the degree

1.4.Activities and key dates

2.Learning goals

2.1.Learning goals

2.2.Importance of learning goals

3.Aims of the course and competences

3.1.Aims of the course

3.2.Competences

4.Assessment (1st and 2nd call)

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

5.Methodology, learning tasks, syllabus and resources

5.1.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 appropriate software and study.

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

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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.

5.2.Learning tasks

The course includes the following learning tasks:

Map design and production

- Lectures: 10 hours
- Practical activities: Interactive, individual or group activities: 13.5 hours
- Guided tasks: 20 hours
- Study: 12.5 hours

Cartographic Aesthetics and Map Design

- Lectures: 9 hours
- Practical activities: Interactive, individual or group activities: 6 hours
- Guided tasks: 15 hours
- Study: 5 hours

Web Mapping and virtual environments

- Lectures: 5 hours
- Guided tasks: 17.5 hours
- Study: 10 hours

Map Animation

- Lectures: 5 hours
- Guided tasks: 7.5 hours
- Study: 5 hours

The use of 3D

- Lectures: 5 hours
- Guided tasks: 7.6 hours

Interactive maps

- Lectures: 5 hours
- Guided tasks: 5 hours

5.3.Syllabus

The course will address the following topics:

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1. Map design and production
2. Cartographic Aesthetics and Map Design
3. Web Mapping and virtual environments
4. Map Animation
5. The use of 3D
6. Interactive maps

5.4. Course planning and calendar

This course is divided into 6 topics. The length of the course is of two weeks during the second semester. Each session takes 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/horario-de-clases#overlay-context=horario-de-clases>)

5.5. Bibliography and recommended resources

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- Díaz, Paloma. *De la multimedia a la hipermedia* / Paloma Díaz, Nadia Catenazzi, Ignacio Aedo . 1º ed. Madrid : RA-MA, 1996
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