

## 60418 - Visualisation, presentation and spreading of geographical information

### Información del Plan Docente

<b>Academic Year</b>	2018/19
<b>Subject</b>	60418 - Visualisation, presentation and spreading of geographical information
<b>Faculty / School</b>	103 - Facultad de Filosofía y Letras
<b>Degree</b>	352 - Master's in Geographical Information Technology for Territorial Development: Geographical Informations Systems and Teledetection
<b>ECTS</b>	6.0
<b>Year</b>	1
<b>Semester</b>	Annual
<b>Subject Type</b>	Compulsory
<b>Module</b>	---

### **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 appropriate software and study.

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

Extensive material will be available *via* the Moodle site of the course. This offers a variety of resources including a

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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:

#### 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

### 4.3.Syllabus

The course will address the following topics:

1. Map design and production

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

### 4.4. 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>)

### 4.5. Bibliography and recommended resources

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