

Academic Year/course: 2021/22

## 60417 - Introduction to Geographic Information Technologies

### Syllabus Information

**Academic Year:** 2021/22

**Subject:** 60417 - Introduction to Geographic Information Technologies

**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:** 3.5

**Year:** 1

**Semester:** Annual

**Subject Type:** Compulsory

**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 wide range of teaching and learning activities is implemented, such as lectures, practice sessions, practical exercises, individual or group activities, guided tasks 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 repository of the lecture notes used in class as well as other forms of course-specific materials.

#### 4.2. Learning tasks

The course includes the following learning tasks:

- Lectures: ~~20~~ 15 hours
- Practical activities: Interactive, individual or group activities: 20 hours
- Guided tasks: 1.5 hours
- Study: 50 hours

#### 4.3. Syllabus

The course will address the following topics:

Topic 1.1. Geographic Information Technologies: introductory issues

Topic 1.2. Learning of software: a basic introduction to ArcGIS and ERDAS.

#### 4.4. Course planning and calendar

Sessions will be developed during the first month of the course. Assignments will be conducted in the first of the three

assessment periods (February). Students will also have the June and September official exam periods.

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>).