

## 25211 - Ecology I

### Syllabus Information

**Academic Year:** 2020/21

**Subject:** 25211 - Ecology I

**Faculty / School:** 201 - Escuela Politécnica Superior

**Degree:** 277 - Degree in Environmental Sciences  
571 - Degree in Environmental Sciences

**ECTS:** 6.0

**Year:** 2

**Semester:** First Four-month period

**Subject Type:** Compulsory

**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

This subject is offered in the [English Friendly](#) form

### 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 methodology followed in this course is oriented towards the achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such as lectures, practice sessions, laboratory sessions, fieldwork and tutorials.

#### 4.2. Learning tasks

This course is organized as follows:

- **Lectures.** The student will be provided with references and presentations of each topic of the course before the lectures. During them, some students chosen by the teacher will present their view on the topic, based on their own knowledge and the information provided by the teacher. This information should have been previously studied by them. External experts will give specific **conferences**. A presentation of each lesson will be provided, as well as additional references, both available on Moodle platform. This information has to be studied previous to the lecture by the students.
- **Practice sessions.** The practical part will consist in: (i) a full day **fieldwork** devoted to ecosystem recognition and (ii) the elaboration of several ecology reports of a field area near Huesca. These reports will be supervised by the



ECTS tutorials																
Evaluation									1					1		
<i>Autonomous work and study</i>																
Study	4	4		4	4		4		4	5	6	6	6	5	4	4
Team work				2	2		2	2	2							
TOTAL	6	6	9	8	8	9	8	11	8	8	8	8	9	8	4	4

(1) On Wednesday, December 11, 2019, Monday hours will be followed

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course will be provided on the first day of class or please refer to the Faculty of Sciences website and Moodle.

#### 4.5. Bibliography and recommended resources

The references of each course will be updated and can be consulted from the library's web.

- BB** Begon, Michael. Ecología : individuos, poblaciones y comunidades / Michel Begon, John L. Harper, Colin R. Townsend ; traducido por Miquel Riba Rovira, Raymond Salvador Civil . - 3ª ed. Barcelona : Omega, D.L.1999
- BB** Smith, Thomas Michael. Ecología / Thomas M. Smith, Robert Leo Smith . 6a. ed. Madrid [etc.] : Pearson Addison-Wesley, D.L. 2007
- BC** Díaz Pineda, Francisco. Ecología I : ambiente físico y organismos vivos / Francisco Díaz Pineda . - 2ª reimp. Madrid : Síntesis, 1989 (reimp. 1996)
- BC** Margalef, Ramón. Planeta azul, planeta verde / Ramón Margalef . - [1a. ed.] Barcelona : Prensa Científica, 1992
- BC** Rodríguez, Jaime. Ecología / Jaime Rodríguez Madrid : Pirámide, D.L.1999
- BC** Terradas, Jaume. Ecología de la vegetación : de la ecofisiología de las plantas a la dinámica de comunidades y paisajes / Jaume Terradas. Barcelona : Omega, D.L. 2001

The updated recommended bibliography can be consulted in: <http://psfunizar10.unizar.es/br13/egAsignaturas.php?id=10973>