

# 61347 - Environmental Economics and Natural Resources

## Syllabus Information

**Academic Year:** 2019/20

**Subject:** 61347 - Environmental Economics and Natural Resources

**Faculty / School:** 109 -

**Degree:** 525 - Master's in Economics

**ECTS:** 3.0

**Year:** 1

**Semester:** Second semester

**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 process of this course is based on theory and practice sessions; the reading, study and discussion of the recommended bibliography; individual and group work in presentations and discussions in class; individual or group tutorials; and autonomous learning and study of the course contents.

### 4.2.Learning tasks

The course includes the following learning tasks:

- Theory and practice sessions (30 hours): Presentation of topics, bibliographical orientation and proposal of questions and homework by the teacher, solving of questions and class discussion.
- Autonomous work (45 hours): Personal work of the students, individually and in groups, for solving questions, preparation of papers, reading reviews, and exam preparation.
- Individual or group tutorials (included in autonomous work of students).
- Exams.

### 4.3.Syllabus

The course will address the following topics:

Topic 1. The economy and the environment.

Topic 2. The economics of pollution.

Topic 3. The economic value of environmental services.

Topic 4. The methods for valuing environmental benefits and costs.

Topic 5. The Cost-Benefit Analysis of projects and policies.

Topic 6. Discounting the future.

Topic 7. The renewable and non-renewable natural resources.

#### **4.4.Course planning and calendar**

Further information concerning the timetable, classroom, assessment dates and other details regarding this course, will be provided on the first day of class or please refer to the "Facultad de Economía y Empresa" website (<http://econz.unizar.es/>).

#### **4.5.Bibliography and recommended resources**