

## 27353 - Environmental Management

### Información del Plan Docente

Academic Year	2016/17
Academic center	109 - Facultad de Economía y Empresa
Degree	448 - Degree in Business Administration and Management
ECTS	5.0
Course	4
Period	Half-yearly
Subject Type	Optional
Module	---

### 1. Basic info

#### 1.1. Recommendations to take this course

#### 1.2. Activities and key dates for the course

### 2. Initiation

#### 2.1. Learning outcomes that define the subject

#### 2.2. Introduction

### 3. Context and competences

#### 3.1. Goals

#### 3.2. Context and meaning of the subject in the degree

#### 3.3. Competences

#### 3.4. Importance of learning outcomes

### 4. Evaluation

### 5. Activities and resources

#### 5.1. General methodological presentation

The learning process is based on the use of different teaching methods. The development of the theoretical classes will be done mainly using didactic forms of exhibitions by the teacher, although the autonomous work by student will be also used following the recommendations and basic orientation of the teacher. The development of practical classes will be conducted with methods that favor the involvement and participation of students in the teaching-learning process. In any case, we will try to encourage interaction both between teacher and student and among students themselves. For the coordination of the course will be used the ADD resource, where the virtual course "ENVIRONMENTAL MANAGEMENT" will be created. Through this tool basic working materials and information will be provided. Activities and key dates in the development of the course and contact details and hours of tutoring from teachers will be also provided

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### 5.2. Learning activities

- Theoretical classes: will use the magister class primarily to present the theoretical contents of the subject.
- Practical classes: Allow to implement the knowledge acquired in the theoretical classes and demonstrate the ability to work in groups and information searching and communication skills. The development of practical classes will be based both on the use of the case method as in the resolution of practical cases. However, you can also use other resources as seeking information for further analysis and discussion of readings in class. For the development of practical classes may make use of a computer room, which facilitates the availability of adequate means for searching and processing information in class.
- Classes for exhibition of works: The work group developed should be presented in class by students throughout the month of May.
- Individual tutorial or in small groups, in the teacher's office, trying to offer a more direct and personalized support to students to resolve doubts about the theoretical and practical contents of the subject, or to guide them in the study.

### 5.3. Program

#### **Unit 1:** Economic Consideration of environmental degradation

- 1.1 Relationship between economy and environment
- 1.2.- Environmental problems arising in economic activity
- 1.3.- Environmental economics concept
- 1.4.- The social costs and private costs: the concept of externality
- 1.5.- The problem of allocation of natural resources:

#### **Unit 2:** Methods for appraising environmental quality

- 2.1 The value of natural resources
- 2.2 Indirect methods for environmental valuation
- 2.3 Direct methods for environmental valuation

#### **Unit 3:** Economic instruments for environmental protection

- 3.1.- Coasian and Pigouvian Solutions
- 3.2.- Pigouvian Solutions: taxes and subsidies
- 3.3.- Pigouvian Solutions: prohibitions
- 3.4.- Coasian Solutions: markets

#### **Unit 4:** Environmental policy in Spain

- 4.1 Introduction: From Command-and-Control to Market-Based instruments
- 4.2.- Integrated Pollution Prevention and Control Law (IPPC)
- 4.3. Environmental taxes in Spain
- 4.4.- The European Pollutant Release Transfer Register (PRTR)
- 4.5.- The Market Mechanism Emissions
- 4.6.-The Integrated Management Systems: The Case of Packaging Waste Management

#### **Unit 5:** Environmental management systems in the company

- 5.1 Definition of environmental management system
- 5.2 Implementation of an environmental management system
- 5.3 Certification of environmental management system
- 5.4 Tools for environmental management

#### **Unit 6:** Determinants and consequences of environmental proactivity in the company

- 6.1 Strategic Environmental Behavior
- 6.2.- Determinants of environmental proactivity
- 6.3 Economic consequences of environmental proactivity

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### 5.4.Planning and scheduling

The schedule of sessions will be made public on the website of the center and in the ADD resource. Applications for work or other activities shall be communicated by the professor through appropriate means.

Training and evaluation activities	Distribution	Credits
<b>IN CLASS ACTIVITIES</b>		<b>2</b>
Magister lectures	Two hours or one hour sessions a week (25 hours total)	1
Tutorials on practices and exercises	Two hours or one hour sessions a week (25 hours total)	1
<b>OTHER ACTIVITIES</b>		<b>3</b>
Final exam	Total time 2.5 hours	0,1
Own work including exams preparation	72.5 hours	2.9

The calculations were performed considering 15 weeks

### 5.5.Bibliography and recommended resources

UPDATED BIBLIOGRAPHY IS AVAILABLE THROUGH THE WEBSITE OF THE LIBRARY:  
<http://psfunizar7.unizar.es/br13/eBuscar.php?tipo=a>