

## **28343 - Geography as applied to Environmental Education**

### **Syllabus Information**

**Academic year:** 2024/25

**Subject:** 28343 - Geography as applied to Environmental Education

**Faculty / School:** 103 - Facultad de Filosofía y Letras

**Degree:** 419 - Degree in Geography and Land Management

**ECTS:** 6.0

**Year:**

**Semester:** Second semester

**Subject type:** Optional

**Module:**

### **1. General information**

Environmental Education aims to "help individuals and social groups to acquire a basic understanding of the environment and related problems with a critical view".

Sustainable Development Goals: 4 (Goals 4.7 and 4.c), 6 ( 6.6), 11 (11.3, 11.4, 11.5, 11.6, 11.7, 11.a, 11.b), 12 (12.2), 13 (13.3), 15 (15.1, 15.2, 15.3, 15.4, 15.5 and 15.9) and 17 (17.6 and 17.7).

This subject aims to provide the student with an integrated knowledge of the foundations, instruments and frameworks of Environmental Education, the resources available and the possible identification and interpretation activities, enabling him/her to develop an Environmental Education project professionally.

### **2. Learning results**

In order to pass this subject, the students shall demonstrate they have acquired the following results:

- To know the usefulness of geographic knowledge in Environmental Education processes, as well as the conceptual framework of EA, its evolution, principles, objectives and characteristics.
- Manage the instruments of EA, such as information and communication, dynamization techniques, training and capacity building, participation and volunteering, research and evaluation of didactic programs.
- To know the frameworks of action of environmental education: the community, the administration, the educational system, the media and companies, as well as their professional certification.
- Search, select and interpret from the geographical knowledge the different resources available for Environmental Education and the typology of activities.
- Correct use of cartography, interpretation and dissemination techniques as communicative means in environmental education.
- To approach in a critical and evaluative way to the sources of information available in Environmental Education and to the didactic methodologies.
- To correctly develop activities of orientation, identification and interpretation of the environment from the perspective of the Environmental Education, appropriate to different age groups and training.
- To be able to write a complete Environmental Education project, from its justification to its dissemination, implementation and evaluation.

### **3. Syllabus**

Unit 1. Principles, goals, instruments and frameworks for action in environmental education

Unit 2. Professional training in environmental education: profile and professional certification (RD 720/2011 and SEAG0109).

Competence units. Training programs for the certificate of professionalism

Unit 3. Resources for environmental education and typology of activities. Cartography, interpretation techniques, documentation and typology of activities. Contributions from Geography.

Subject matter of the case studies

Practice 1. Application in areas of the Zaragoza TM (Galacho de Juslibol, Parque Grande J.A. Labordeta, Pinares de Venecia)

Practice 2. Visit to two Environmental Education Projects

### **4. Academic activities**

Master classes.

Case studies.

Supervised practical work. Three tutorials for the approach and follow-up of the work.

Personal study.

Assessment tests.

## **5. Assessment system**

I Call for Proposals

a) Continuous assessment system

1. Group work (60%): Practical development of an original Environmental Education project.
2. Individual work on the White Paper on Environmental Education in Spain (20%): Accuracy in the concepts and in the analysis of the document will be valued, as well as the critical spirit provided.
3. Individual work on field trips (20%)

Global assessment test

The test will consist of a questionnaire and the development of two topics on the theoretical contents of the subject (50%) and the planning of a theoretical project of Environmental Education (50%).

II Call for Proposals

Students can choose between taking the continuous assessment mode or being assessed by means of an overall test comprising a questionnaire and the development of two topics on the theoretical contents of the subject (50%) and the planning of a theoretical project on Environmental Education (50%).

## **6. Sustainable Development Goals**

4 - Quality Education

11 - Sustainable Cities and Communities

15 - Life on Land