

Environmental Education and Communication

Code: 102826
ECTS Credits: 6

2024/2025

Degree	Type	Year
2501915 Environmental Sciences	OT	4

Contact

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Teaching groups languages

You can view this information at the [end](#) of this document.

Prerequisites

Having completed the first cycle of the Environmental Sciences degree.

Objectives and Contextualisation

The subject Environmental Education and Communication has a very professionalizing intention, in the sense of
The planned objectives are:

- Understand the diversity of approaches in Environmental Education, Communication, and Outreach.
- Identify and evaluate the contributions of Environmental Education, Communication, and Outreach in citizen training.
- Explore, identify, and manage strategies, resources, and tools for Environmental Education, Communication, and Outreach.
- Design and analyze practices of Environmental Education, Communication, and Outreach in various contexts

Competences

- Adequately convey information verbally, written and graphic, including the use of new communication and information technologies.
- Analyze and use information critically.
- Collect, analyze and represent data and observations, both qualitative and quantitative, using secure adequate classroom, field and laboratory techniques
- Demonstrate adequate knowledge and use the most relevant environmental tools and concepts of biology, geology, chemistry, physics and chemical engineering.
- Demonstrate adequate knowledge and use the tools and concepts of the most relevant social science environment.

- Demonstrate concern for quality and praxis.
- Demonstrate initiative and adapt to new situations and problems.
- Develop communication strategies on environmental issues, including environmental risks
- Information from texts written in foreign languages.
- Integrate physical, technological and social aspects that characterize environmental problems.
- Learn and apply in practice the knowledge acquired and to solve problems.
- Quickly apply the knowledge and skills in the various fields involved in environmental issues, providing innovative proposals.
- Teaming developing personal values regarding social skills and teamwork.
- Work autonomously

Learning Outcomes

1. Adequately convey information verbally, written and graphic, including the use of new communication and information technologies.
2. Analyze and use information critically.
3. Communicate environmental problems with proper attention to the problems of environmental risk and the relevant regulations in the fields of safety and environmental health.
4. Demonstrate concern for quality and praxis.
5. Demonstrate initiative and adapt to new situations and problems.
6. Demonstrate knowledge of some of the main areas of scientific disciplines environment.
7. Demonstrate knowledge of some of the main areas of the social sciences in the environment.
8. Identify processes sciences, life sciences and social sciences in the surrounding environment and evaluate them properly and originally.
9. Information from texts written in foreign languages.
10. Knowing the main theories and methodologies of environmental education and communication and the ability to apply to practical cases these theoretical teachings.
11. Learn and apply in practice the knowledge acquired and to solve problems.
12. Observe, recognize, analyze, measure and properly and safely represent environmental processes.
13. Teaming developing personal values regarding social skills and teamwork.
14. Work autonomously

Content

- Concept and history of Environmental Education
- Goals and methodological approaches of Environmental Education and Communication
- Strategies, resources, materials, and tools in Environmental Education and Communication across different intervention areas
- Environmental Education and Communication and complex thinking
- Quality criteria in Environmental Education and Communication
- Environmental journalism and journalistic genres
- Internet, environment, and scientific outreach
- Design, development, and evaluation of a project in Environmental Education, Communication, or Outreach

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
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Type: Directed

Discussion of real cases, problem solving and exercises.	20	0.8	5, 11, 12, 13, 14
Seminars	8	0.32	1, 3, 4, 5, 6, 7, 8, 9, 12, 13
Theory. Presentations	22	0.88	1, 2, 3, 4, 6, 7, 8, 10, 11, 12, 13

Type: Supervised

Classroom practices. Small groups workspace tutored by the teacher	20	0.8	1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14
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Type: Autonomous

Analysis of readings, proposals for didactic innovation, design of activities, reporting	68	2.72	3, 4, 5, 8, 9, 11, 13, 14
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The training activity will be developed through:

- Expository classes on theoretical issues, carried out by the teaching staff or invited experts
- Reading, analysis and discussion of articles and other documents
- Classroom practices: discussion on real cases, problem-solving or exercises
- Fields trips
- Students' work
- Tutorials

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

Assessment

Continuous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Final exam	20%	2	0.08	1, 2, 4, 5, 6, 7, 8, 10, 11, 12, 14
Follow up	15%	2	0.08	1, 2, 3, 4, 5, 9, 10, 11, 12, 13, 14
Group Work	45%	5	0.2	1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14
Partial exam	20%	3	0.12	1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12

The evaluation will be carried out during the course through a variety of training activities:

- Partial exam that will be held on the day assigned from the Environmental Sciences Degree. 20%
- Final exam that will be held on the day assigned from the Environmental Sciences Degree. 20%
- Group work. 45%
- Follow-up activities. 15%

To pass the subject, a minimum of 5/10 in each of the evaluation activities is needed.

A recovery partial or final examen will be performed. The student will go to the recovery exam if the note of each activity is below 5 and over 3.5/10; and if the student has shown a positive attitude and participation during the course. The group work and the follow-up activities cannot be recovered. If recovery is passed, the final grade will be 5/10.

If the student has only been assessed in a maximum of 25% of the evaluation activities and then withdraws, the final grade will be NOT EVALUATED.

Class attendance and active and committed participation are essential: the group work and the follow-up activities will not be possible if students are not attending.

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Software

No specific software required.

Language list

Name	Group	Language	Semester	Turn
(PAUL) Classroom practices	1	Catalan	first semester	afternoon

(SEM) Seminars	1	Catalan	first semester	afternoon
(TE) Theory	1	Catalan	first semester	afternoon

PROVISIONAL