COURSE DATA

DATA SUBJECT

Code: 33810
Name: Environmental Evaluation
Cycle: Undergraduate Studies
ECTS Credits: 6
Academic year: 2026-27

STUDY (S)

Degree	Center	Acad. year	Period
1318 - Degree in Geography and the Environment	Facultat de Geografia i Història	4	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
1318 - Degree in Geography and the Environment	Environmental assessment	COMPULSORY

COORDINATION

ROMERO RENAU LUIS DEL

SUMMARY

Environmental Assessment is a module that focuses on the applied study, from the paradigm of sustainable dev
key environmental policies for the prevention, management and mitigation of environmental impacts of human a
course aims to introduce students to the knowledge of the basic legislation and methodologies for conducting En
Impact Assessment and Strategic Environmental Assessments. It also addresses the study of corporate social r
from the analysis of instruments to improve the environmental quality of processes, such as environmental certific

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS

It is recomendable to have passed the modules of Environment and Productive Activity and Spatial Planning

COMPETENCES / LEARNING OUTCOMES

1318 - Degree in Geography and the Environment

Acquire basic knowledge for analysing and diagnosing public policies related to the geographical aspects of the environment.

Be able to communicate effectively with non-experts.

Be able to learn independently and show creativity, initiative and entrepreneurship. Be able to resolve unforeseen situations.

Be able to work independently.

Be able to work in interdisciplinary teams.

Get acquainted with geographic information systems as a tool for learning about and interpreting the territory and the environment.

Have capacity for analysis and synthesis.

Have problem-solving skills and decision-making capacity. Be able to design and manage projects.

Have research skills.

Have skills for organisation, planning, management and assessment.

Learn about methodology and fieldwork.

Learn about the time and space dimensions in the explanation of social, territorial and environmental processes.

Learn basic techniques for fieldwork in geography and particularly for reading and interpreting the landscape in geographic terms.

Show motivation for quality, responsibility and intellectual honesty.

DESCRIPTION OF CONTENTS

1. Environmental Impact Assessment and Sustainable Development

1.1. Development approaches and the evolution of the environmental perspective
1.2. The global ecological crisis
1.3. Answers: from environmental economics to ecological economics

2. Concept and attributes of environmental impact

2.1. Environmental impact concept
2.2. Components and attributes of environmental impacts

3. Legislation and components of an Environmental Impact Assessment

3.1. Characteristics of an EIA
3.2. EIA Legislation
3.3. Structure, content and limitations of an EIA
3.4. Corrective measures and environmental monitoring programs

4. Methods and techniques of Environmental Impact Assessment

4.1. Introduction
4.2. Impact identification methods
4.3. Impact assessment methods
4.4. Examples of case studies
4.5. BattelleColumbus and Leopold matrix

5. Strategic Environmental Assessment

5.1. The PPP triad
5.2. Structure and contents of an SEA
5.3. Methodologies

6. Social and environmental responsibility of the company

6.1. The environmental management system
6.2. Introduction to environmental auditing and Management Systems
6.3. Eco-audits and certification

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	30,00
Other activities	15,00
Classroom practices	15,00
Total hours	**60,00**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	15,00
Individual or group project	15,00
Independent study and work	25,00
Preparation of lessons	10,00
Preparation for assessment activities	10,00
Resolution of case studies	5,00
Total hours	**80,00**

TEACHING METHODOLOGY

As a fourth-grade course and following the teaching-learning methodologies more common in the European Higher Education Area, it is expected of the student a good capacity for independent work (reading literature, preparation of individual practices, group and field .) In this way teaching is organized as follows:
a) Lectures with explanation of basic concepts
b) The types of group and individual practices
c) Discussion sessions on required reading and text analysis
d) individual and group tutorials
e) Follow-up outside the classroom.

Throughout the course must complete a series of individual and group practices, plus a field, which constitute the bulk of the final grade for the course. For these practices, attendance at seminars and trips case is absolutely essential.

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EVALUATION

The evaluation of the course will take into account the evolution experienced by each student, as well as their participation and autonomous work. The distribution of the score will be as follows:

40% Final written test (Exam)

45% Class practices.

15% complementary activities

To add the note of the practical activities, to the final grade, it will be necessary that in the exam the student gets a note of at least 4 points. If you do not get a 4 in the exam, the final grade for the subject will be the grade obtained in the exam.

Practices are not recoverable in the first semester. To recover them, in the second semester, it will be necessary to carry out the practical part of the exam of the second call.

REFERENCES

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- BORDERÍAS, Ma. P. y MUGURUZA, C. (2014). Evaluación ambiental. Editorial UNED.
- GLASSON, J., & THERIEVEL, R. (2019). Introduction to environmental impact assessment. Routledge.
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- MARTÍNEZ-OROZCO, J. (2020). Casos prácticos en evaluación de impacto ambiental. Ed. Dtra. SANZ, I. (2021). El procedimiento de evaluación de impacto ambiental a través de sus documentos. Tirant lo Blanch. VICENTE DAVILA, F. (2016). Evaluación de impacto ambiental transfronteriza entre España y Portugal. Atelier.