

## Syllabus Information

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**Academic year:** 2024/25

**Subject:** 25258 -

**Faculty / School:** 201 - Escuela Politécnica Superior

**Degree:** 571 - Degree in Environmental Sciences

**ECTS:** 6.0

**Year:** 4

**Semester:** First Four-month period

**Subject type:** Compulsory

**Module:**

### 1. General information

The aim of this subject is to enable students to understand, analyse and deal with the complexity of Protected Areas management, familiarizing them with the most common methodologies, tools, terminology and working techniques. It is focused so that the graduate can develop their professional activity in this field as a worker of or for a Protected Area, with particular emphasis on the ability to understand its functioning and problems.

These approaches and objectives are aligned with Sustainable Development Goal 15 (SDG) of the 2030 Agenda (<https://www.un.org/sustainabledevelopment/es/>): Life of terrestrial ecosystems.

### 2. Learning results

1. -To detect the diversity of elements involved in the configuration of Protected Areas and the complex relationships between them.
2. -To explain the general contents and essential concepts of environmental management, planning and conservation of Protected Areas.
3. -To describe the different environmental protection objectives and categories.
4. -To propose corrective measures after environmental impacts of different nature.
5. -To describe with critical sense and scientific rigor studies or practical cases of environmental planning and management at different spatial scales.
6. -To raise and solve simple practical cases of environmental planning and management, developing different methodologies and being part of interdisciplinary teams with the ability to transmit results.
7. -To use the concepts, methods, fundamental tools and terminology related to Protected Areas.
8. -To prepare a report that addresses the management problems of a Protected Area.

### 3. Syllabus

1. Communication through technical-scientific writing and bibliographic search
2. Conservation biology
3. Typology of Protected Areas
4. International Conventions and Legislation on Protected Areas
5. European Biodiversity Conservation and Protected Areas Legislation
6. Aragonese legislation on biodiversity conservation and Protected Areas
7. Spanish legislation on biodiversity conservation
8. Forestry Law
9. Hunting Law
10. Natural Resources Management Plans
11. Use and Management Master Plans
12. Public use in Protected Areas
13. Citizen Participation
14. Ecological Monitoring
15. Land stewardship

### 4. Academic activities

Master classes: 30 h

Theoretical-practical sessions in which the contents of the subject will be explained.

Classroom practices: 14 h.

Creation and processing of surveys

Special practices: 16 h

Visits to Protected Areas to learn about their management

Teaching assignments: 12 h

Preparation of a report

Personal study. 75 h

Assessment tests. 3 h

**Total:** 150 h

## **5. Assessment system**

The student must demonstrate that they have achieved the intended learning results by means of the following assessment activities

Written test on the basic knowledge of protected areas acquired throughout the development of the whole subject, in its theoretical and practical part. It will be a test with short and multiple choice questions. It will be held on the date of the official call, which can be consulted in the calendar published every academic year on the School's website.

Collective work on an aspect dealt with throughout the term. The papers will be defended orally in class.

Each test represents 50% of the subject's grade, is graded from 1 to 10 and must be passed with at least a 5.

The success rate for the last three years has been: 2020/2021; 100 %, 2021/2022: 47.06% y 2022/2023: 93.7 %

## **6. Sustainable Development Goals**

15 - Life on Land