

Environmental Safety

Code: 104042
ECTS Credits: 6

Degree	Type	Year	Semester
2502501 Prevention and Integral Safety and Security	OT	4	2

Contact

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Use of Languages

Principal working language: spanish (spa)
Some groups entirely in English: No
Some groups entirely in Catalan: No
Some groups entirely in Spanish: No

Prerequisites

This subject doesn't have any pre-requierments

Objectives and Contextualisation

The object of study of the subject "Environmental Safety" aims to introduce the student to the knowledge and study of environmental problems that affect the safety of the individuals, as well as the population as a whole. The environment and natural resources are a scarce common good for all humanity, the human being, being able to be classified as a predatory supe, is modifying the existing environmental balance, causing anthropic effects that are having a devastating effect on the ecosystem and the ecosystems. people. This circumstance is causing, in turn, the birth of a new public and private policy of intervention and self-regulation to try to alleviate this environmental imbalance.

This subject aims to briefly address this situation, pointing out some of these environmental imbalances and the risks that entail for the environment and people, analyzing this situation at a legal level and the possible management of said risk.

Thus, within our closest environment, we receive constant information about environmental situations originated by the human being that have or can have an effect on our lives and / or the safety of people as a whole. Soils, air and water altered by contaminants and / or pathogens; exposure to chemical products; sound, light and electromagnetic pollution ... etc., are some of those environmental alterations that influence our lives and environment, and which will be studied in relation to the analysis of them and their management.

TRAINING OBJECTIVES

- Introduce aspects and general principles about the environment and sustainable development.
- Know certain environmental conditions and their influence on the human being.
- Know the specific regulations related to these environmental conditions.
- Deepen in the technical criteria and methodologies of the identification, analysis and evaluation of specific emergency risks within this scope.
- Know the principles of intervention and self-regulation within the general principles on environment and sustainable developm

Competences

- Act with ethical responsibility and respect for fundamental rights and duties, diversity and democratic values.
- Carry out analyses of preventative measures in the area of security.
- Have a general understanding of basic knowledge in the area of prevention and integral safety and security.
- Know how to communicate and transmit ideas and result efficiently in a professional and non-expert environment, both orally and in writing.
- Make changes to methods and processes in the area of knowledge in order to provide innovative responses to society's needs and demands.
- Make efficient use of ITC in the communication and transmission of results.
- Respond to problems applying knowledge to practice.
- Students must be capable of applying their knowledge to their work or vocation in a professional way and they should have building arguments and problem resolution skills within their area of study.
- Students must be capable of collecting and interpreting relevant data (usually within their area of study) in order to make statements that reflect social, scientific or ethical relevant issues.
- Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
- Students must develop the necessary learning skills to undertake further training with a high degree of autonomy.
- Students must have and understand knowledge of an area of study built on the basis of general secondary education, and while it relies on some advanced textbooks it also includes some aspects coming from the forefront of its field of study.
- Take account of social, economic and environmental impacts when operating within one's own area of knowledge.
- Take sex- or gender-based inequalities into consideration when operating within one's own area of knowledge.
- Use the capacity for analysis and synthesis to solve problems.
- Work and learn autonomously.
- Work in institutional and interprofessional networks.

Learning Outcomes

1. Analyse specific risks and understand the prevention mechanisms.
2. Analyse the preventative interventions in matters of security, environment, quality and social corporate responsibility and identify the inherent risk factors.
3. Analyse the situation and identify the points that are best.
4. Critically analyse the principles, values and procedures that govern professional practice.
5. Diagnose the situation of integral security in companies and organisations.
6. Draw up management proposals for prevention and security in an organisation.
7. Know how to communicate and transmit ideas and result efficiently in a professional and non-expert environment, both orally and in writing.
8. Make efficient use of ITC in the communication and transmission of results.
9. Propose new methods or well-founded alternative solutions.
10. Propose projects and actions that incorporate the gender perspective.
11. Propose viable projects and actions that promote social, economic and environmental benefits.
12. Respond to problems applying knowledge to practice.
13. Students must be capable of applying their knowledge to their work or vocation in a professional way and they should have building arguments and problem resolution skills within their area of study.
14. Students must be capable of collecting and interpreting relevant data (usually within their area of study) in order to make statements that reflect social, scientific or ethical relevant issues.
15. Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
16. Students must develop the necessary learning skills to undertake further training with a high degree of autonomy.

17. Students must have and understand knowledge of an area of study built on the basis of general secondary education, and while it relies on some advanced textbooks it also includes some aspects coming from the forefront of its field of study.
18. Take a preventative view in the area of security.
19. Use the capacity for analysis and synthesis to solve problems.
20. Work and learn autonomously.
21. Work in institutional and interprofessional networks.

Content

This subject has a Manual where the basic theoretical contents are reflected.
The topics to be discussed are:

- Topic 1. Context: the notion of Human Security
- Topic 2 Effects of the environment on human security
- Topic 3 Violence and climate change
- Topic 4 International Regulatory Framework

Methodology

The students will have to prepare the subjects from the didactic units, the recommended readings and the documents (legislation and sentences) incorporated to the platform. They must carry out the practical exercises that are proposed and send the teacher the corresponding answers, reasoned and justified based on the reference documents.

Tutoring with the faculty will be arranged by email.

It is important to mention that the main objective of the video classes is to resolve the doubts related to the syllabus, therefore it is essential to prepare the topics before each session.

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.

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Evaluation	4	0.16	4, 1, 3, 18, 7, 5, 12, 6, 2, 8, 9, 10, 11, 17, 16, 15, 13, 14, 21, 20, 19
Video Theoretical classes with the active participation of the students	6	0.24	7, 12, 8, 10, 17, 16, 15, 13, 14, 21, 20, 19
Type: Supervised			
Tutorials to support the realization of practical and theoretical work	24	0.96	7, 12, 8, 10, 17, 16, 15, 13, 14, 21, 20, 19
Type: Autonomous			
Personal study, reading of articles and elaboration of academic works of the subject	116	4.64	4, 1, 3, 18, 7, 5, 12, 6, 2, 8, 9, 10, 11, 17, 16, 15, 13, 14, 21, 20, 19

Assessment

Students will take two continuous assessment tests (PEC) that will be delivered through the moodle classroom. The students will make an evaluation through written test in person on the subject that will take place on the date scheduled at the School. This test may be oral at the teacher's discretion.

Re-evaluation

In case of not passing the subject according to the aforementioned criteria (continuous evaluation), a recovery test may be done on the date scheduled in the schedule, and it will cover the entire contents of the program. To participate in the recovery the students must have been previously evaluated in a set of activities, the weight of which equals a minimum of two thirds of the total grade of the subject. However, the qualification that will consist of the student's file is a maximum of 5-Approved.

- Students who need to change an evaluation date must submit the request by filling in the document that you will find in the moodle space of Tutorial EPSI.

Plagiarism

Without prejudice to other disciplinary measures deemed appropriate, and in accordance with current academic regulations, "in the event that the student makes any irregularity that could lead to a significant variation in the grade of an evaluation act, it will be graded with a 0 This evaluation act, regardless of the disciplinary process that can be instructed In case of various irregularities occur in the evaluation acts of the same subject, the final grade of this subject will be 0 ". The tests / exams may be written and / or oral at the discretion of the teaching staff.

Students that retake the course

Regarding those students who have to retake the course, it should be emphasized that the assessment methodology is the same as for other students.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Final exam of continuous evaluation	50%	0	0	7, 12, 8, 10, 17, 16, 15, 13, 14, 21, 20, 19
Preparation and delivery of academic papers on the topics covered in the subject	50%	0	0	4, 1, 3, 18, 7, 5, 12, 6, 2, 8, 9, 10, 11, 17, 16, 15, 13, 14, 21, 20, 19

Bibliography

It will be indicated in the moodle classroom of the subject

Software

This subject will use the basic software of the Office 365 package