

Environmental Safety

Code: 101862
ECTS Credits: 6

Degree	Type	Year	Semester
2502501 Prevention and Integral Safety and Security	OT	4	0

The proposed teaching and assessment methodology that appear in the guide may be subject to changes as a result of the restrictions to face-to-face class attendance imposed by the health authorities.

Contact

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Use of Languages

Principal working language: catalan (cat)
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-requirerments

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 development

Competences

- Assume the social, ethical and professional responsibility that derives from professional practice.
- 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.
- Respond to problems applying knowledge to practice.
- Use the capacity for analysis and synthesis to solve problems.
- Work and learn autonomously.

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. Assume the social, ethical and professional responsibility that derives from professional practice.
4. Diagnose the situation of integral security in companies and organisations.
5. Draw up management proposals for prevention and security in an organisation.
6. Know how to communicate and transmit ideas and result efficiently in a professional and non-expert environment, both orally and in writing.
7. Respond to problems applying knowledge to practice.
8. Take a preventative view in the area of security.
9. Use the capacity for analysis and synthesis to solve problems.
10. Work and learn autonomously.

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
- Current Definition of Human Security
- Freedom from Fear and Freedom from want
- Review Questions Topic 1
- Topic 2 Effects of the environment on human security
- Safety and environment: affectations
- Hunger
- Gender, climate and Security
- Health, Safety and environment
- Review Questions Theme 2
- Topic 3 Violence and climate change
- Review Questions topic 3
- Topic 4 International Regulatory Framework
- Introduction
- The Kyoto protocol
- Paris Agreement
- Efforts to combat climate change
- The environmental movement

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.

Tutorials with the faculty will be arranged by email.

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			
Class	40	1.6	1, 3, 6, 4, 7, 5, 2, 10, 9
Evaluation	4	0.16	1, 8, 3, 6, 4, 7, 5, 2, 10, 9
Type: Supervised			
Continuous evaluation exercise I and II	12	0.48	1, 8, 3, 6, 4, 7, 5, 2, 10, 9
Type: Autonomous			
Individual study	94	3.76	1, 8, 3, 6, 4, 7, 5, 2, 10, 9

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
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Continuous evaluation exercise I	20%	0	0	1, 8, 3, 6, 4, 7, 5, 2, 10, 9
Continuous evaluation exercise II	30%	0	0	1, 8, 3, 6, 4, 7, 5, 2, 10, 9
Exam	50%	0	0	1, 8, 3, 6, 4, 7, 5, 2, 9

Bibliography

- Funtowicz, S. O., & Ravetz, J. R. (1993). Science for the post-normal age. *Futures*, 25(7), 739-755.
- Lash, S., Szerszynski, B., & Wynne, B. (1996). *Risk, environment and modernity: towards a new ecology* (1st ed.). London/New York: Sage Publications.
- Lyon, T., & Maxwell, J. (2011). Greenwash: Corporate environmental disclosure under threat of audit. *Journal of Economics & Management*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1111/j.1530-9134.2010.00282.x/full>
- Mouton, R. (2003). Deliberative democracy and environmental decisions-making. In F. scoones F-Berhout (Ed.), *New perspectives from social science* (1st ed., pp. 63-80). London.
- Ratchford Thomas, C. U. (1996). *Unesco World Science Report: Megascience*. 1996. Paris. Retrieved from <http://www.oecd.org/science/sci-tech/1905250.pdf>

Software

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