

Risk Analysis

Code: 103995
ECTS Credits: 6

Degree	Type	Year	Semester
2502501 Prevention and Integral Safety and Security	FB	1	1

Contact

Name: Montserrat Iglesias Lucia
Email: montserrat.iglesias@uab.cat

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

Other comments on languages

Hi ha documentació en anglès - Hay documentación en inglés

Prerequisites

This subject doesn't have any pre-requierments

Objectives and Contextualisation

Objectives:

Know the concept of risk Internalization and adaptation of the concepts of risk, risk analysis, governance, prevention ...

Development of practical cases based on these concepts.

Know the decision-making processes and their different implications in the field of Risk

Analyze existing discursive strategies to deal with various types of risk.

Assess the risk and its impact on safety and prevention

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.
- Maintain a positive attitude with respect to professional and personal growth.
- Make changes to methods and processes in the area of knowledge in order to provide innovative responses to society's needs and demands.
- 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.
- 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 sex- or gender-based inequalities and the gender biases present in one's own area of knowledge.
3. Analyse the situation and identify the points that are best.
4. Critically analyse the principles, values and procedures that govern professional practice.
5. Draw up management proposals for prevention and security in an organisation.
6. Maintain a positive attitude with respect to professional and personal growth.
7. Propose means of evaluating projects and actions for improving sustainability.
8. Propose new methods or well-founded alternative solutions.
9. Propose projects and actions that incorporate the gender perspective.
10. Respond to problems applying knowledge to practice.
11. 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.
12. 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.
13. Students must be capable of communicating information, ideas, problems and solutions to both specialised and non-specialised audiences.
14. Take a preventative view in the area of security.
15. Use the capacity for analysis and synthesis to solve problems.
16. Weigh up the risks and benefits of both your own proposals for improvement and those of others.
17. Work and learn autonomously.
18. Work in institutional and interprofessional networks.

Content

- In the subject of Risk Analysis students will know the concept of risk and the different techniques to evaluate and analyze. As a result of the analysis, the necessary skills will be acquired to proceed to convert the information into intelligence.
- BLOCK 1: Risks and associated concepts
- BLOCK 2: Analysis technique and its impact on prevention and safety.

Methodology

in order to achieve the learning objectives described in this Guide we will develop a methodology that combines the individual study from the Manual, and the readings that will be presented in each topic, as well as some documentaries and classes through Webex where the teacher outlines the main points of each topic, with the aim of generating debates about them.

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, 2, 1, 3, 10, 6, 16, 7, 9, 13, 11, 12, 15
Video Class	12	0.48	4, 2, 1, 3, 14, 5, 16, 7, 8, 18, 15
Type: Supervised			
Practical	24	0.96	4, 2, 1, 3, 14, 10, 5, 6, 16, 7, 8, 9, 13, 11, 12, 18, 15
Type: Autonomous			
Personal study, reading articles and preparing class work	110	4.4	4, 2, 1, 3, 14, 10, 5, 6, 16, 7, 8, 9, 11, 12, 17, 15

Assessment

Evaluation:

Throughout the semester, students will carry out written tests of a theoretical nature that will have a weight of 50% of the final grade as well as of a practical nature that will have the value of the remaining 50%. In order to be able to add the mark of the practical part to the theoretical part, it will be necessary for the student to obtain a 3.5 out of 10 in the entire theoretical part.

REVALUATION

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 present the justified request by filling in the document that you will find in the moodle space of Tutorial EPSI.

Plagiarism

Notwithstanding other disciplinary measures deemed appropriate, and in accordance with the current academic regulations, irregularities committed by a student that may lead to a variation of the qualification will be classified by zero (0). For example, plagiarizing, copying, ..., an evaluation activity, will imply suspending this evaluation activity with zero (0). Assessment activities qualified in this way and by this procedure will not be recoverable.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
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Continuous evaluation exercise 1 and 2 (Individual Work)	25%	0	0	4, 2, 1, 3, 14, 10, 16, 7, 13, 11, 12, 18, 17, 15
Continuous evaluation test 3 and 4	25%	0	0	4, 2, 1, 14, 5, 6, 16, 7, 8, 9, 13, 18, 15
Exam	50%	0	0	4, 2, 1, 3, 14, 10, 6, 16, 13, 11, 12, 17, 15

Bibliography

Throughout the semester, compulsory and recommended readings will be provided.

Software

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