



## IDENTIFYING DATA

### Environmental auditing and management

Subject	Environmental auditing and management			
Code	001G261V01701			
Study programme	Grado en Ciencias Ambientales			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Mandatory	4th	1st
Teaching language	Galician			
Department				
Coordinator	Escuredo Pérez, Olga			
Lecturers	Escuredo Pérez, Olga			
E-mail	oescuredo@uvigo.es			
Web				
General description				

## Training and Learning Results

Code				
A3	Students will be able to gather and interpret relevant data (normally within their field of study) that will allow them to have a reflection-based considered opinion on important issues of social, scientific and ethical nature.			
A4	Students will be able to present information, ideas, problems and solutions both to specialist and non-specialist audiences.			
B1	Students will acquire analysis, synthesis and information-management skills to be applied in the food and agriculture and environmental sectors			
C8	To be familiar with the different systems of environmental and quality management.			
C9	To be familiar with computing tools for application to environmental issues.			
C12	To be familiar with the fundamentals of management and restauration of the environment.			
C14	To be familiar with the essential concepts of Waste Management Systems.			
D1	Capacity of analysis, organization and planning.			
D3	COral and written communication in the native language and foreign			
D4	Ability of autonomous learning and information management.			
D5	Ability of problem solving and decision making			
D9	Team of interdisciplinary nature			

## Expected results from this subject

Expected results from this subject		Training and Learning Results		
New	A3	B1	C8 C9 C12 C14	D1 D3 D4 D5
New	A3 A4	B1		D1 D3 D5 D9

## Contents

Topic		
Approach to environmental management systems.	Topic 1. Introduction to environmental management and environmental management systems.	
	Topic 2. Environmental management instruments.	

Development and implementation of an environmental management system.

Topic 3. Introduction to the ISO 14001 standard and the EMAS regulation.

Topic 4. Basic implications of the implementation of an Environmental Management System.

Topic 5. Requirements of the Environmental Management System.

Integration with quality systems and other tools related to Environmental Management Systems

Topic 6. Key aspects in the integration of Systems.

Topic 7. Life Cycle Analysis.

## Planning

	Class hours	Hours outside the classroom	Total hours
Seminars	26	58	84
Lecturing	12	30	42
Mentored work	1	10	11
Mentored work	1	10	11
Problem and/or exercise solving	2	0	2

\*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

## Methodologies

	Description
Seminars	Training in the resolution of situations and practical cases.
Lecturing	Explanation and discussion in the classroom of each topic.
	The master session aims to facilitate the basic training of students in this subject.
Mentored work	Proposal for the resolution of practical cases autonomously for students.
Mentored work	(*)Proposta para a resolución de casos prácticos de xeito autónomo para o alumnado.

## Personalized assistance

Methodologies	Description
Lecturing	Through presentation in the classroom and using the Moovi tele-teaching platform, encouraging the active participation of students at all times.
Seminars	Through individual or group tutoring to carry out practical cases.
Mentored work	During tutoring hours individually or in a small group.
Mentored work	
Tests	Description
Problem and/or exercise solving	During the realization of exercises or activities.

## Assessment

	Description	Qualification	Training and Learning Results			
Seminars	Assistance and attitude during the realization and quality of the activities carried out.	10	A3 A4	B1	C8 C9 C12 C14	D1 D3 D4 D5
	Evaluation of learning results 1 and 2					D9
Mentored work	Execution of an Environmental Management System.	30	A3 A4	B1	C8 C9 C12 C14	D1 D3 D4 D5
	Evaluation of learning results 1 and 2.					D9
Mentored work	Execution of an Environmental Management System.	30	A3 A4	B1	C8 C9 C12 C14	D1 D3 D4 D5
	Evaluation of learning results 1 and 2.					D9
Problem and/or exercise solving	Issues related to the training provided during the master classes and seminars.	30	A3 A4	B1	C8 C9 C12 C14	D1 D3 D4 D5
	Evaluation of learning results 1 and 2					D9

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### Other comments on the Evaluation

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The continuous evaluation modality will be used as preferred following the sequence of activities proposed. Students who want Global Assessment (100% of the grade in the official exam) must notify the person responsible for the subject, by email or through the Moovi platform, within a period not exceeding one month from the beginning of the teaching of the subject.

It is an essential requirement to achieve at least 50% of the grade in each of the sections: master class and seminars in order to pass the subject.

For the second edition, the partial marks obtained will be maintained, with the exception of the one corresponding to the exam.

The End of Degree call will be a single final exam with a value of 100% of the grade.

Date of exams:

End of Race 09/20/2023 at 4:00 p.m.

1st edition 11/06/2023 at 10 a.m.

2nd edition 07/04/2024 at 10 a.m.

In any case, if the dates of the exams do not coincide with the dates published by the Faculty of Sciences, what is published on its website and on the bulletin board will be valid.

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### Sources of information

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#### Basic Bibliography

#### Complementary Bibliography

HEwitts R. & Robinson G., **ISO 14001 EMS manual de sistemas de gestión medioambiental**, 1999

Cortés Díaz, José M., **Técnicas de prevención e higiene ocupacional**,

**Ministerio de medio ambiente**,

**Aranzadi**,

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### Recommendations

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