

**COURSE DATA****DATA SUBJECT**

Code: 35824
Name: Quality and environmental management
Cycle: Undergraduate Studies
ECTS Credits: 4.5
Academic year: 2026-27

STUDY (S)

Degree	Center	Acad. year	Period
1313 - Degree in Business Management and Administration	Facultat d'Economia	4	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
1313 - Degree in Business Management and Administration	Competitiveness factors	ELECTIVES

COORDINATION**SUMMARY**

The main purpose of the subject is to analyse the foundations, concepts, technical and basic tools of quality management and of the environmental management, as well as the norms and models linked to them (norms ISO 9001 and 14001, model EFQM, regulation EMAS) and the relations of integration between both systems of management.

PREVIOUS KNOWLEDGE**RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE**

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS

They are not necessary previous knowledges, although it is convenient to have surpassed all the compulsory subjects as well as the related with the management of companies

COMPETENCES / LEARNING OUTCOMES**1313 - Degree in Business Management and Administration**



Be able to analyse and search for information from different sources.

Be able to apply and introduce continuous improvement procedures in all areas of the organisation.

Be able to contribute positively to raising awareness of environmental and social issues and to overcoming all forms of discrimination, as essential factors for economic development and poverty alleviation.

Be able to learn autonomously.

Be able to make decisions.

Be able to solve problems.

Be able to transmit and communicate complex ideas and approaches to both specialised and lay audiences.

Be able to use ICTs in the field of study.

Be able to work in a team.

Know how to apply the techniques, models and tools of quality and environmental management, applying continuous improvement techniques, and knowing how to design effective policies and strategies in this field.

Show creativity.

Show motivation for quality.

DESCRIPTION OF CONTENTS

1. BASIC CONCEPTS OF QUALITY

- 1.1 Definition of quality and quality management.
- 1.2 Foundations of quality management.
- 1.3 Strategies of quality.
- 1.4 The model EFQM.

2. MANAGEMENT AND QUALITY TOOLS

- 2.1 Functions of quality management.
- 2.2 Continuous improvement.
- 2.3 Basic Tools of the quality.



3. BASIC CONCEPTS OF ENVIRONMENT

- 3.1 Economy and environment.
- 3.2 Enterprise and environment.
- 3.3 Business strategy and environment.

4. ENVIRONMENTAL MANAGEMENT TOOLS

- 4.1 Evaluation of environmental impact.
- 4.2 Analyses of lifecycle.
- 4.3 Ecodesign.
- 4.4 Other tools.

5. THE NORMS ISO 9001:2015 and ISO 14001: 2015

- 5.1 The norm ISO 9001:2015
- 5.2 The norm ISO 14001 :2015 and the regulation EMAS
- 5.3 Integration of management systems

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	22,50
Classroom practices	22,50
Total hours	45,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	0,00
Individual or group project	22,00
Independent study and work	45,00
Preparation of lessons	0,00
Preparation for assessment activities	0,00
Resolution of case studies	0,00
Total hours	67,00

TEACHING METHODOLOGY

The methodology will consist, on the one hand, in the exhibition by the professor of the essential contents of the subject, treating nevertheless to achieve the greater possible participation of the students and, by



another, of practical sessions where the students , will make, working in team, diverse works and will resolve cases on quality management and the environment management. In the measure of the possible, will take place talks and conferences with expositores external to the university.

EVALUATION

The evaluation consists of two blocks :

BLOCK A , consistent in the continuous evaluation during the course of the work of the students , as well as their implication and participation in the development of the subject.

BLOCK B, consistent in an examination on the knowledges acquired during the course.

The block A supposes 40% of the qualification, and the block B 60%, having to surpass both parts to be evaluated on a positive form. 1 point out of the 4 in Bloc A is conditional on regular attendance at classes (al least 80%), participation in them and volunteer work that arises. The other 3 points will depend on mandatory compositions.

In the second call, students who have not passed Block A, may tale a compensatory complementary exam with a maximun score of 3 points.

ACORDING TO ARTICLE 28 OF THE REGULATION FOR LINGUISTIC USES OF THE UNIVERSITY OF VALENCIA (ACGUV 167/2014, SEPTEMBER 30TH, AMENDED BY ACGUV 146/2023) THE STATEMENTS OF EXAMNS AND EXERCISES WILL BE PRESENTED IN THE LANGUAGE IN WHICH THE UNIVERSITY OFFICIALY OFFERS THE ASSIGMENT.

REFERENCES

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