

Academic Year/course: 2022/23

68860 - Project Management

Syllabus Information

Academic Year: 2022/23

Subject: 68860 - Project Management

Faculty / School: 108 - Facultad de Ciencias Sociales y del Trabajo

Degree: 632 - Master's Degree in Strategic Human Resources Management

ECTS: 6.0

Year: 2

Semester: First semester

Subject Type: Compulsory

Module:

1. General information

1.1. Aims of the course

This course is an approach to project management in an integral way. The contents allow to understand the importance of the human resources function in the management of a project in order to understand the objectives and the constraints imposed (deadline, cost...).

These aims are in line with the Goals of Sustainable Development (GSD) of the 2030 Agenda because they are taken into account, when relevant, for the development of the course. The GSD more related to the contents of the course are:

Goal 3: Good Health and Well-Being

Goal 5: Gender Equality

Goal 8: Decent Work and Economic Growth

1.2. Context and importance of this course in the degree

This subject provides an overview of the fundamental concepts of Project Management.

Main factors of Project Management will be covered: The financial structure of the company, scheduling techniques, risk, project documentation, work teams or agile methodologies.

1.3. Recommendations to take this course

It is recommended that the student has passed the courses of the master's degree that precede this one, in order to obtain an integrated vision of the contents taught.

2. Learning goals

2.2. Learning goals

Studying and passing the course, the students...

... will be able to apply the most commonly used financial statement analysis tools and techniques in Project Management.

?will be able to interpret and understand the information contained in the financial statements in order to evaluate the economic-financial situation of a Project

?Be able to perform schedule, cost and resource planning of a project using advanced design project planning techniques, such as the critical path method, slack management or critical chain.

?Know the basic project control processes.

?Know how to perform risk management of a project.

2.3. Importance of learning goals

Nowadays, most companies and organizations are project oriented, which means that almost all students taking this Master's

degree will need the contents developed in this course.

This means that practically all the students will need the contents developed in this subject in their future professional performance, whether they work in a company or in public administration.

3. Assessment (1st and 2nd call)

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such as lectures and practice sessions. Given the characteristics of the Master's, these activities are carried out both face-to-face and online.

4.2. Learning tasks

Distribution of 150 hours per student between different types of activities:

Lectures: 18 h

Practice Sessions: 10 h

Seminars and Workshops : 2 h

Tutorial: 10 h

Assessment: 2 h

Review and work on online materials: 30 h

Autonomous Work and Study: 78 h

4.3. Syllabus

1. The financial structure of the company: annual accounts and ratios analysis
2. Project management: Definition and types. Activities: planning, scheduling, execution and control.
3. Scheduling techniques: Gantt, Pert-CPM methods.
4. Project risk management.
5. Project documentation. The direction and management of human resources in a project.
6. The manager and the work teams.
7. Agile methodologies. Implication of the agile transformation in organizations.

4.4. Course planning and calendar

Timetable and work planning (lectures, practice sessions and group presentations) will be announced at beginning of the academic year on moodle.

4.5. Bibliography and recommended resources

A guide to the project management body of knowledge: (PMBOK guide). 6th ed. [s. l.]: Project Management Institute, 2017.

Highsmith, Jim. Agile project management. Second edition. Addison-Wesley. 2010.

Kerzner, Harold. Project management: a systems approach to planning, scheduling, and controlling. 6th ed New York: John Wiley, cop. 1998.

Wysocki, R. K. Effective project management. Traditional, agile, extreme. Fifth Edition. Wiley. 2009.

Eric W. Larson. ADMINISTRACION DE PROYECTOS. 4a. ed. MEXICO: MCGRAW-HILL, 2021.