

Course Unit	Option I - null	Field of study	-
Master in	Environmental Technology	School	School of Agriculture
Academic Year	2023/2024	Year of study	1
Type	Semestral	Semester	2
Workload (hours)	81	Contact hours	T - TP - PL - TC - S - E - OT - O -
		Level	2-1
		ECTS credits	3.0
		Code	1076-809-1205-02-23

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) António José Gonçalves Fernandes

#### Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Organize the evaluation dossier of an investment project
2. Analyze the project's economical and financial studies
3. Apply the support instruments to the projects planning
4. Monitor and control projects

#### Prerequisites

Before the course unit the learner is expected to be able to:  
Don't have

#### Course contents

1. Introductory concepts 2. Rentability analysis and financial viability of projects 3. Projects management

#### Course contents (extended version)

1. Introductory concepts
  - project concept
  - project typologies
  - project development phases
  - evaluation optical
  - viability studies
2. Rentability analysis and financial viability of projects
  - construction of the basic elements for the projects evaluation
  - the project cash-flow
  - the actualization concept
  - evaluation criteria
  - evaluation at current prices and evaluation at constant prices
  - risk analysis
  - project financing
  - project analysis after financing decision
3. Projects management
  - the project management process
  - planning stages
  - the execution planning: time, physical and financial resources
  - project control

#### Recommended reading

1. Abecassis, F. , & Cabral, N. (2010). Análise económica e financeira de projectos. Fundação Calouste Gulbenkian.
2. Soares, J. (2006). Avaliação de Projectos de Investimento na Óptica Empresarial. Edições Sílabo.
3. Roldão, V. (2000). Gestão de Projectos – uma perspectiva integrada. Edições Monitor.
4. Roldão, V. (2010). Gestão de Projectos - Abordagem Instrumental ao Planeamento, Organização e Controlo. Edições Monitor.
5. Avillez, F. et al. (2006). Análise de investimentos – manual técnico. Entidade gestora do programa AGRO.

#### Teaching and learning methods

Expository Demonstrative Interactive

#### Assessment methods

1. Alternative 1 - (Regular, Student Worker) (Final)
  - Practical Work - 50%
  - Practical Work - 50%
2. Alternative 2 - (Regular, Student Worker) (Supplementary, Special)
  - Final Written Exam - 100%

#### Language of instruction

Portuguese, with additional English support for foreign students.

#### Electronic validation

António José Gonçalves Fernandes	Maria Isabel Barreiro Ribeiro	Manuel Joaquim Sabença Feliciano	Paula Sofia Alves do Cabo
16-01-2024	16-01-2024	22-01-2024	23-01-2024