

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

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16-01-2024	16-01-2024	22-01-2024	23-01-2024