

Course Unit	Thesis; Final Project; Internship		Field of study	Informatics	
Master in	Informatics		School	School of Technology and Management	
Academic Year	2023/2024	Year of study	2	Level	2-2
Type	Annual	Semester	-	ECTS credits	42.0
Workload (hours)			1 134	Contact hours	
			T	-	TP
			PL	-	TC
			S	-	E
			OT	60	O
			Code 5060-710-2001-00-23		

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) José Eduardo Moreira Fernandes, Maria João Tinoco Varanda Pereira, Paulo Alexandre Vara Alves

#### Learning outcomes and competences

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

1. Design and plan an investigation process.
2. Identify innovative information technologies and evaluate its potential for business.
3. Identify the methodologies, methods and techniques most appropriate to the innovation and research processes in the fields of technology and information systems.
4. Manage or coordinate a process of scientific research conducted in academic or professional environment.
5. Write reports and articles for publication of research results.

#### Prerequisites

Before the course unit the learner is expected to be able to:  
Understand the principal concepts and technologies of the Information Systems field.

#### Course contents

The course may be carried out using one of the following profiles: Original or inovative scientific thesis; Original or inovative project, based final report; Traineeship, based to final report.

#### Course contents (extended version)

1. Dissertation.
  - The dissertation must be characterized by a original or innovative research or development work.
2. Project.
  - The project should be characterized by an original work and integrator of knowledge in the course.
3. Traineeship.
  - The traineeship should be characterized by the completion of work with practical application.

#### Recommended reading

A bibliografia deverá recomendar-se em função do tipo e natureza do trabalho a desenvolver.

#### Teaching and learning methods

Tutorship guidance throughout the academic year in which follows the work of Dissertation/Project/Traineeship.

#### Assessment methods

- Alternative 1 - (Regular, Student Worker) (Final, Supplementary, Special)
- Reports and Guides - 100%

#### Language of instruction

1. English
2. Portuguese

#### Electronic validation

José Eduardo Moreira Fernandes, Maria João Tinoco Varanda Pereira, Paulo Alexandre Vara Alves	Tiago Miguel Ferreira Guimaraes Pedrosa	José Carlos Rufino Amaro
06-03-2024	14-03-2024	16-03-2024