

Course Unit	Final Project/Dissertation		Field of study	Biology and biochemistry	
Master in	Biotechnological Engineering		School	School of Agriculture	
Academic Year	2022/2023	Year of study	2	Level	2-2
Type	Annual	Semester	-	ECTS credits	48.0
Code	5010-784-2001-00-22				
Workload (hours)	1 296	Contact hours	T -	TP -	PL -
			TC -	S -	E -
			OT -	O -	

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) Clementina Maria Moreira dos Santos, Paula Cristina Santos Baptista, Rui Miguel Vaz de Abreu

#### Learning outcomes and competences

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

1. Develop a monograph of an investigation, project, or internship work, on a theme developed by the student, and later a Jury will be evaluating the students through a written work and a public defence.
2. Plan and develop research work autonomously.
3. Analyze and interpret scientific results critically.
4. To discuss and present the research work developed.

#### Prerequisites

Before the course unit the learner is expected to be able to:

The dissertation/project work/internship defence can only occur after approval in the remaining UCs.

#### Course contents

Students will have to do practical work, a project, or an internship, from which they should write an in-depth monograph on the theme chosen and developed. Subsequently, a Jury will evaluate the work concerning its organization, formal presentation, rigour, and depth of the theme addressed, both in the written document and in its oral presentation and discussion.

#### Course contents (extended version)

1. The student must choose the work theme and selected his/her advisor.
2. Bibliographic search on the topic.
3. Development of practical work.
4. Analysis and treatment of the results.
5. Monograph writing related to dissertation / project work / internship.
6. Oral presentation and discussion of the work developed.

#### Recommended reading

Artigos científicos e outro tipo de documentação relacionados com o tema escolhido.

#### Teaching and learning methods

The Dissertation/Project/Internship work must follow the Regulatory Standards of the Masters of the IPB. It should be supervised by a Ph. D. professor or IPB specialist, or from another national or foreign higher education institution. A Jury will be evaluating the students through a written work and a public defence.

#### Assessment methods

- Written work and oral presentation (jury) - 100% - (Regular, Student Worker) (Final, Supplementary, Special)

#### Language of instruction

English

#### Electronic validation

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