

Course Unit	Seminar		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	Semestral	Semester	1	ECTS credits	12.0
			Code	5010-784-2101-00-22	
Workload (hours)	324	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) 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. Plan, organize, design and draft a proposal of a thesis project.
2. Understand the methodologies of technical and scientific writing.
3. Search, analyse and compile scientific data.
4. Write and present scientific works.

Prerequisites

Not applicable

Course contents

Steps and main concepts and methods involved in the research process. Different types of scientific and technical reports. Search for information. Analysis and interpretation of data. How to write and present scientific projects.

Course contents (extended version)

1. Steps and main concepts and methods involved in the research process.
2. Different types of scientific and technical reports.
3. Search for information. Analysis and interpretation of data.
4. How to write and present scientific projects.
5. Writing of scientific project (literature review), related with the subject of master dissertation.
6. Participation in technical/scientific meetings, courses and seminars

Recommended reading

Teaching and learning methods

Module I - Presential classes. Module II - Participation in events. Module III - Tutorial support by the UC teacher and by a scientific supervisor of the writing of the work and the preparation of the oral presentation.

Assessment methods

1. Written assignment - (Regular, Student Worker) (Final, Supplementary, Special)
2. Oral presentation - (Regular, Student Worker) (Final, Supplementary, Special)
3. Participation in scientific activities - (Regular, Student Worker) (Final, Supplementary, Special)

Language of instruction

1. English
2. Portuguese

Electronic validation

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19-12-2022	19-12-2022	19-12-2022