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| Course Unit | Seminar | | | Field of study | Biology and biochemistry | | |
| Master in | Biotechnological Engineering | | | School | School of Agriculture | | |
| Academic Year | 2021/2022 | Year of study | 2 | Level | 2-2 | ECTS credits | 12.0 |
| Type | Semestral | Semester | 1 | Code | 5010-509-2101-00-21 | | |

| Workload (hours) | 324 | Contact hours | T - | TP 30 | PL - | TC - | S - | E - | OT 30 | O - |
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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): Paula Cristina Azevedo Rodrigues

## 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 cientific 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

| Paula Cristina Azevedo Rodrigues | Maria José Miranda Arabolaza |
|---|---|
| 01-12-2021 | 02-12-2021 |

This document is valid only if stamped in all pages.