ipb
INSTITUTO POLITÉCNICO
DE BRAGANÇA

Course Unit	Final Project			Field of study	Project	
Bachelor in	Biomedical Technology			School	School of Technology and Management	
Academic Year	2023/2024	Year of study	3	Level	1-3	ECTS credits	6.0
Type	Semestral	Semester	2	Code	9600-752-3204-00-23	

Workload (hours)	162	Contact hours	T	-	TP	-	PL	-	TC	-	S	-	E	-	OT	60	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)	Joana Andrea Soares Amaral

Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:
1. Use design techniques with tutorial support in the area of Biomedical Technology;
2. Implement and consolidate the acquired knowledge in several scientific areas and corresponding curricular units;
3. Integrate, in a professional perspective, the knowledge, the skills and expertise acquired during the different curricular units, and demonstrate the ability to solve new challenges;
4. Search and collect relevant information using scientific and technical libraries/regulations/standards/etc;
5. Based on the collected information and its analysis, prepare reports/summary documents/evolution perspectives/critical analysis/project proposals or problems' solutions/etc;
6. Develop oral and written communication skills, as well as discuss in a critical and sustained way the proposals and obtained results.

Prerequisites

Before the course unit the learner is expected to be able to:
Solve and identify problems in all scientific areas of Biomedical Technology.

Course contents

Technical writing of reports. Delivery of professional quality presentations. Design and methodology. Creativity. Safety. Liability, standards and ethics codes utilization. The projects are within the biomedical technology and its scientific areas.

Course contents (extended version)

- Each project is submitted by a supervisor who will make a work plan.

Recommended reading

A bibliografia recomendada será adaptada a cada Projeto/The recommended bibliography will be adapted to each Project.

Teaching and learning methods

The curricular unit will be taught using the self guided learning method oriented by the teacher (tutorial sessions).

Assessment methods

- Single Method - (Regular, Student Worker) (Final, Supplementary, Special)
   - Reports and Guides - 75% (Evaluation of a project report by a jury.)
   - Presentations - 25% (Oral presentation and discussion before a jury.)

Language of instruction

Portuguese, with additional English support for foreign students.

Electronic validation

Joana Andrea Soares Amaral	José Luís Sousa de Magalhaes Lima	Debora Rodrigues de Sousa Macanjo Ferreira	João Eduardo Pinto Castro Ribeiro	Hélder Teixeira Gomes	José Carlos Rufino Amaro
08-03-2024	09-03-2024	12-03-2024	12-03-2024	13-03-2024	16-03-2024