

**COURSE DATA****DATA SUBJECT****Code:** 46877**Name:** Computational modeling and simulation of bioelectric systems**Cycle:** Master's Degree**ECTS Credits:** 4.5**Academic year:** 2025-26**STUDY (S)**

Degree	Center	Acad. year	Period
2274 - Master's Degree in Biomedical Engineering	Facultat de Medicina i Odontologia	1	First quarter
2274 - Master's Degree in Biomedical Engineering	Facultat de Medicina i Odontologia	2	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
2274 - Master's Degree in Biomedical Engineering	Precisión Medicine	ELECTIVES
2274 - Master's Degree in Biomedical Engineering	Precisión Medicine	ELECTIVES

COORDINATION**SUMMARY****PREVIOUS KNOWLEDGE****RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE**

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS**COMPETENCES / LEARNING OUTCOMES****2274 - Master's Degree in Biomedical Engineering**

Design and conduct research based on analysis, modelling and experimentation.

**DESCRIPTION OF CONTENTS****WORKLOAD****PRESENCIAL ACTIVITIES**

Activity	Hours
Theory	25,00
Computer classroom practice	20,00
Total hours	45,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	0,00
Individual or group project	0,00
Independent study and work	0,00
Preparation of lessons	0,00
Preparation for assessment activities	0,00
Resolution of case studies	0,00
Total hours	0,00

TEACHING METHODOLOGY**EVALUATION****REFERENCES**