

**COURSE DATA****DATA SUBJECT****Code:** 44755**Name:** Modelling and simulation of bioelectric systems**Cycle:** Master's Degree**ECTS Credits:** 4.5**Academic year:** 2025-26**STUDY (S)**

Degree	Center	Acad. year	Period
2231 - Master's Degree in Biomedical Engineering	Facultat de Medicina i Odontologia	1	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
2231 - Master's Degree in Biomedical Engineering	Modelling and simulation	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****2231 - Master's Degree in Biomedical Engineering**

Ser capaz de modelar matemáticamente y simular procesos complejos en el ámbito de la ingeniería biomédica.

DESCRIPTION OF CONTENTS

**WORKLOAD****PRESENCIAL ACTIVITIES**

Activity	Hours
Theory	45,00
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**