VNIVERSITAT DE VALÈNCIA

Course Guide
44081 Processing of digital images and signals using wavelets

COURSE DATA

DATA SUBJECT

Code: 44081
Name: Processing of digital images and signals using wavelets
Cycle: Master's Degree
ECTS Credits: 3
Academic year: 2025-26

STUDY (S)

Degree	Center	Acad. year	Period
2183 - Master's Degree in Mathematical Research	Facultat de Ciències Matemàtiques	1	Second quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
2183 - Master's Degree in Mathematical Research	Specialty in applied mathematics	ELECTIVES

COORDINATION

SUMMARY

Course offered by the Universitat Politècnica de València.

The corresponding course guide can be consulted at the following link:

https://www.upv.es/estudios/master/muima/en/consulta/assignatures-2/

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

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

COMPETENCES / LEARNING OUTCOMES

2183 - Master's Degree in Mathematical Research

Que los estudiantes sean capaces de aplicar los resultados y técnicas aprendidas para la resolución de problemas complejos de alguna de las áreas de las Matemáticas, en contextos académicos o

profesionales.

Que los estudiantes sean capaces de seleccionar un conjunto de técnicas numéricas, lenguajes y herramientas matemáticas adecuadas para resolver un modelo matemático que simule un problema real.

Que los estudiantes sepan elegir y utilizar herramientas informáticas adecuadas para abordar problemas relacionados con las Matemáticas y sus aplicaciones.

Saber buscar información bibliográfica matemática.

Students should possess and understand foundational knowledge that enables original thinking and research in the field.

DESCRIPTION OF CONTENTS

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	30,00
Total hours	**30,00**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Total hours	**0,00**

TEACHING METHODOLOGY

EVALUATION

REFERENCES