

**COURSE DATA****DATA SUBJECT**

Code: 42199
Name: Mathematics and statistics
Cycle: Master's Degree
ECTS Credits: 6
Academic year: 2025-26

STUDY (S)

Degree	Center	Acad. year	Period
2081 - Master's Degree in Banking and Quantitative Finance	Facultat d'Economia	1	Annual

SUBJECT-MATTER

Degree	Subject-matter	Character
2081 - Master's Degree in Banking and Quantitative Finance	Compulsory subjects	COMPULSORY

COORDINATION

TORRO I ENGUIX HIPOLIT

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****DESCRIPTION OF CONTENTS**

1.



2.

3.

4.

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6.

7.

8.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	30,00
Computer classroom practice	15,00
Classroom practices	15,00
Total hours	60,00

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

- Birge, J.R. and Louveaux, F. (1997). Introduction to Stochastic Programming. Springer, USA - Font, B. (2006). Programación Matemática para la Economía y la Empresa. Educació. Laboratori de Materials, 1. PUUV, Valencia - Ronsenthal, R.E. (2007). GAMS a user's guide. GAMS development corporation, Washington, DC, USA - Hogg, R. y Craig, A (1995). Introduction to Mathematical Statistics. Prentice Hall. - Novales, A. (1997). Estadística y Econometría. MacGraw-Hill. - Peña, D. (1997). Estadística. Modelos y Métodos. 2ª edición revisada. Alianza Editorial.