# COURSE DATA

## DATA SUBJECT

**Code:** 42199
**Name:** Mathematics and statistics
**Cycle:** Master's Degree
**ECTS Credits:** 6
**Academic year:** 2026-27

## 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.**

**5.**

**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. PUV, 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.