



## COURSE DATA

### DATA SUBJECT

**Code:** 44213

**Name:** Workshop on finance with excel and visual basic

**Cycle:** Master's Degree

**ECTS Credits:** 1

**Academic year:** 2026-27

### STUDY (S)

Degree	Center	Acad. year	Period
2195 - Master's Degree in Corporate Finance	Facultat d'Economia	1	First quarter

### SUBJECT-MATTER

Degree	Subject-matter	Character
2195 - Master's Degree in Corporate Finance	Workshops	COMPULSORY

### COORDINATION

CUELLO ALBORNOZ GUSTAVO

## SUMMARY

It is intended that the student becomes aware of the potential of spreadsheets as a tool for financial management, and for the valuation of investment and financing projects.

## PREVIOUS KNOWLEDGE

### RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

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

### OTHER REQUIREMENTS

Basic computing. Basic spreadsheet operation.

## COMPETENCES / LEARNING OUTCOMES

### 2195 - Master's Degree in Corporate Finance

Adaptar soluciones a los problemas de finanzas corporativas mediante softwares específicos.



Integrar en el área financiera de la empresa las nuevas tecnologías en su labor profesional.

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

## DESCRIPTION OF CONTENTS

### 1. Built-in financial functions in Excel®. Knowledge of Research+ Cash

Using built-in financial functions with Microsoft® Excel®. Using Research+ Cash software for capital budgeting.

### 2. Advanced Excel

Functions and tools of advanced excel.

### 3. Design own financial functions with macros and Visual Basic® for Excel®.

Design own financial functions using macros and the programming language Visual Basic® for Excel®.

## WORKLOAD

### PRESENCIAL ACTIVITIES

Activity	Hours
Tutorials	1,00
Computer classroom practice	9,00
<b>Total hours</b>	<b>10,00</b>

### 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
<b>Total hours</b>	<b>0,00</b>

## TEACHING METHODOLOGY



The lecturers will explain the fundamental concepts during regular meetings; students must put them into practice with the computer.

Students must read and work with the material uploaded by the instructors, for a better comprehension and profit of sessions.

## EVALUATION

Specific tests during regular meetings, and/or final work sessions.

## REFERENCES

- Walkenbach, J.: Excel® Bible. Ed. Wiley, Indianapolis.
- Walkenbach, J.: Excel® Formulas. Ed. Wiley, Indianapolis.
- Walkenbach, J.: Excel® Power Programming with VBA. Ed. Wiley, Indianapolis.
- <https://www.researchcashlab.com/>