UNIVERSIDADE LUSÍADA
LISBOA

Course Unit Program
ELECTIVE 2 - CORPORATE FINANCE AND RISK

Academic Year 2025/2026

1. Organic Unit

Faculty of Business and Economic Sciences

2. Course

ECONOMICS

3. Cycle

1st

4. Course Unit

ELECTIVE 2 - CORPORATE FINANCE AND RISK (03371)

5. Scientific Area

6. Curricular Year

3rd

7. Type of Curricular Unit / Semester

2nd Semester

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8. Class type and workload (work time)

Theoretical classes:	
Practical classes:	
Theoretical-Practical Classes	30,00
Tutorial Guidance:	20,00

9. ECTS Credits

6,00

10. Scientific Area Coordinator

11. Regent

Prof. Doutor MIGUEL ALEXANDRE TEIXEIRA COELHO

12. Assistants

Prof. Doutor LUCAS DE PAULA ANDRADE MENESCAL

13. Teaching Language

Portuguese

14. General Objectives

Provide students with a solid understanding of the principles of corporate finance and risk management, enabling them to analyze and make financial decisions that maximize value creation, ensure business sustainability, and integrate responsible practices aligned with ESG criteria and the United Nations Sustainable Development Goals (SDGs).

15. Specific Objectives

- Understand the fundamentals of corporate finance
- Apply techniques for evaluating investment projects
- calculate the cost of capital and assess the optimal financing structure
- Identify and manage different types of risk
- Integrate corporate governance practices and dividend policies, mitigating agency conflicts
- Incorporate ESG criteria and SDGs into financial decisions
- Develop practical skills through the resolution of real cases and simulations.

16. Skills to be acquired

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1. Knowledge: Understand the principles of corporate finance and value creation
Identify, analyze, and manage different types of risk (financial and non-financial)
Recognize the importance of corporate governance, ESG, and the SDGs
2. Technical Skills; Evaluate investment projects; Calculate the cost of capital and define the optimal financing structure
3. Transversal Competencies: Develop critical thinking and decision-making skills in contexts of uncertainty.

17. Teaching Methodology

The pedagogical approach combines theoretical exposition (knowing-that) with practical application through case studies and simulation exercises (knowing-how), ensuring that students understand the conceptual framework and the fundamental models of each topic while developing the skills to apply this knowledge in real-world situations. It also seeks to foster critical reflection on the reconciliation between theory and practice, guaranteeing a phronetic perspective.

18. Course Unit Program

1. Introduction to Corporate Finance
1.1 Objectives of the firm and value creation
1.2 Financial structure and the role of the financial manager
1.3 Review of concepts: Financial statements, simple/compound interest, present and future value
2. Investment Decisions
2.1 Evaluation criteria: NPV, IRR, Payback
2.2 Project analysis
3. Financing Decisions
3.1 Capital structure: debt vs. equity
3.2 Weighted Average Cost of Capital (WACC)
4. Risk Management
4.1 Types of risk: Financial and non-financial risks
4.2 General principles of risk management
4.3 Instruments and strategies for risk hedging
5. Dividend Policy and Governance
5.1 Dividend theories
5.2 Agency conflicts and mitigation mechanisms
5.3 Introduction to ESG and Sustainable Finance
6. Case Studies and Simulations
6.1 Analysis of real cases
6.2 Simulation of financial decisions under risk scenarios

19. Assessment Methods

2 Midterm exams

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20. Didactic Resources

- Advanced Excel: for financial calculations, risk simulations, and sensitivity analysis
- Bloomberg Terminal (or online simulators): for market data and practical cases
- Moodle e-learning platform

21. Sustainability Objectives

The integration of sustainability into corporate finance is aligned with the United Nations Sustainable Development Goals (SDGs), which guide responsible and inclusive business practices. In particular, financial decisions should take into account targets such as SDG 8 (Decent Work and Economic Growth), SDG 12 (Responsible Consumption and Production), and SDG 13 (Climate Action), promoting investments that reduce environmental impacts and encourage resource efficiency.

22. Keywords

Corporate Finance
Risk Management
Capital Structure
ESG (Environmental, Social and Governance)

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23. Main Bibliography

Author(s): Richard Brealey, Stewart Myers, Franklin Allen, Alex Edmans
Title: Principles of Corporate Finance
Edition: Year: 2025
Local:
Publisher: McGraw-Hill Higher Education
ISBN Code: 9781266586156

Author(s): Aswath Damodaran
Title: Corporate Finance: Theory and Practice
Edition: 2.ª Edição Year:
Local:
Publisher: Wiley
ISBN Code: 9780471283324

Author(s): John C. Hull
Title: Risk Management and Financial Institutions
Edition: 6ª edição Year: 2023
Local:
Publisher: Wiley Finance
ISBN Code: 9781119932482

24. Complementary Bibliography

Author(s): Coelho, M e Sainhas, R.
Title: Mercados - São Mesmo os Grandes Culpados das Crises?
Edition: 1.ª Edição Year: 2015
Local:
Publisher: Bnomics
ISBN Code:

Author(s):
Title:
Edition: Year:
Local:
Publisher:
ISBN Code:

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Autor / Author	Prof. Doutor MIGUEL ALEXANDRE TEIXEIRA COELHO
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