

1 Course content

Training program	Bachelor, 2 nd year
University, School	University of Burgundy, IAE Dijon – School of Management
Course title	Principles of Finance
Lecturers	Kirsten Burkhardt-Bourgeois
Objectives	Principles of Finance provides an introduction into the field of finance and is a course for non-specialists. The objective of the course is to present the basic investment and financial decision-taking criteria. At the end of the lecture, students should be able to evaluate investment projects, bonds, stocks in terms of time and risk in the light of value creation.
Number of hours	24
Semester	First
Number of students	Around 25

2 Evaluation

Evaluation methods	Final exam + ongoing review
Weighting	90%-10%
Examination types	Written exam and exercises

3 Teaching method

Pedagogy	Lectures and interactive courses
Teaching activities	Lectures, exercices, discussions, ...

4 Program

Part 1 – Investment and Financing Decisions –

An Introduction to Finance

Part 2 – Financial decisions under certainty – Time value of money and discounted cash flow valuation

2.1 – Present- and future value formulas

2.2 – Valuing projects

2.3 – Valuing bonds

2.4 – Valuing stocks

Part 3 – Risk, return and opportunity costs of capital

3.1 – Risk and risk premium

3.2 – The effect of diversification

3.3 – Measuring market risk

3.4 – Portfolio risk and return

3.5 – Capital Asset Pricing Model

References

Vernimmen, P., Quiry, P., Dallochio, M., Le Fur, Y., & Salvi, A. (2025). Corporate finance: theory and practice. John Wiley & Sons

Brealey, R. A., Myers, S. C., & Allen, F. (2006). Corporate Finance, eight edition

Hillier, D. J., Ross, S. A., Westerfield, R. W., Jaffe, J., & Jordan, B. D. (2010). Corporate finance: 1st european edition (No. 1st Edition). McGraw-Hill