

Financial Analysis and Risk Management

M. Sc. in Bioeconomics



Fall 2017

Instructor: Associate Professor Maria Psillaki

Office Hours: Tuesday 15.00-16.00, or by appointment

Office: 534 Main Building

Contact: psillaki@unipi.gr

Tel. 210 4142299

Course Overview and Objectives:

In continuous evolving economic environment the aim of this course is to provide students with specialized and modern knowledge, relative to financial analysis and risk management, that companies operating in the bio-economy area face. The class will feature case studies and Instructor-led discussions as the key teaching tools. Each class period will be devoted to a different topical issue. More specifically the objective of the course is to provide a conceptual framework for thinking about financial analysis and risk management, covering both theoretical background and practical implementation through case studies covering the various financial sources firms face, the evaluation of investment projects, and the key concepts of risk, as they apply to a range of industries and technological sectors.

Specific topics to be covered include the concept of the time value of money, net present value (NPV) and its application to capital budgeting investments, risk and the

cost of capital, investment and strategy, project analysis and financial analysis and planning, capital raising and Mergers and Acquisitions.

Required Text:

Brealey, R.A., S.C. Myers & F. Allen (2016), *Αρχές Χρηματοοικονομικής των Επιχειρήσεων*, 11^η Αμερικανική – 2^η Ελληνική έκδοση, Εκδόσεις Utopia.

Student Evaluation

Your performance in the course will be evaluated based on one exam (final), case studies group presentations and case study –write up as well as your overall class participation and preparation. The relative weights of each are:

Attendance/Participation	10%
Group Case presentation-Write -up	45%
Final Exam	<u>45%</u>
Total	100%

This schedule is extremely tentative, and subject to change. Any variations will be announced in class.

CLASS SCHEDULE, ASSIGNMENTS AND CASE PRESENTATIONS

Week Reading (BMA)

Topic

1	Chapter 1	Introduction, Financial decision making
2	Chapter 2	Time Value of Money and applications in finance

3	Chapter 3	Capital Raising: Valuation of Bonds
4	Chapter 4	Capital Raising: The Value of Common Stocks
5	Chapters 23 and 25	Capital Raising: Debt Financing and Leasing
6	Chapters 5, 6, 10, 19	Net Present Value and Other Investment Criteria. Project Analysis, Capital Budgeting
7	Chapters 7, 8, 9	Introduction to Risk, Return, CAPM, the cost of Capital, Project Risk
8	Chapters 26, 27	Managing Risk: Forward, Futures and swaps
9	Chapter 31	Mergers and Acquisitions
10		Team Case Class Presentation