EM3E5M04

Program

PGE
PGE 3A -Finance (FIN)

UE

Investments

Semester

A

Discipline

Finance

Contact hours

27 H

Number of spots

45

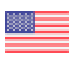
ECTS

5

Open to visitors

Yes

Language



Coordinator

Maxime MERLI

List of lecturers

Lecturer(s)	Email	Contact hours - lecture
Maxime MERLI	maxime.merli@em-strasbourg.eu	**12 h**
Patrick ROGER	proger@unistra.fr	**15 h**

Pedagogical contribution of the course to the program

LEARNING GOAL 1 : Students will master state-of-the-art knowledge and tools in management fields in general, as well as in areas specific to the specialized field of management.

Students will identify a business organization’s operational and managerial challenges in a complex and evolving environment.

Students will understand state-of-the-art management concepts and tools and use them appropriately.

Students will implement appropriate methodologies to develop appropriate solutions for business issues.

LEARNING GOAL 2 : Students will develop advanced-level managerial skills.

Students will participate in a decision-making process in a critical way.

Description

The first part of the course is dedicated to the fixed-income instruments. They are described and analyzed in an investment perspective. Bond prices and yields are presented in order to define the term structure of interest rates, essential tool to manage bond portfolios. The second part addresses the fundamental issues of asset allocation and optimal portfolio choice. This part deals with pricing and equilibrium models like the CAPM. The last part is dedicated to the measures of portfolio performance.

Teaching methods

Face-to-face

- Lectures
- E-learning

In group

- Exercises

Interaction

No items in this list have been checked.

Others

No items in this list have been checked.

Learning objectives

Cognitive domain

Upon completion of this course, students should be able to

- - (level 2) **Describe** the essential characteristics of Securities and funds
- - (level 3) **Solve** standard problems of portfolio choice
- - (level 5) **Synthesize** the main approaches to portfolio choice and valuation techniques.
- - (level 6) **Interpret** the quantitative information provided by investment analysis.

Affective domain

Upon completion of this course, students should be able to
None affective domain have been associated with this course yet

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Outline

Part 1: Interest rates and Bond Portfolios

1 / Bond Prices and Yields
2 / The Term Structure of Interest Rates
3 / Managing Bond Portfolios

Part 2: CAPM and Portfolio Management

1 / Risk, Return, and the Historical Record
2 / Capital Allocation to Risky Assets
3 / Chapter Nine. The Capital Asset Pricing Model
4 / Empirical tests of the CAPM
5 / Portfolio Performance Evaluation

No prerequisite has been provided

Knowledge in / Key concepts to master

Microeconomics, statistics, elementary probability theory
Basic microeconomics: preferences, utility functions, interest rates
Statistics: moments of random variables (expectation, variance, covariances, corrélations)

Teaching material

Mandatory tools for the course

- Reference manuals

Documents in all formats

No items in this list have been checked.

Moodle platform

No items in this list have been checked.

Software

No items in this list have been checked.

Additional electronic platforms

No items in this list have been checked.

Recommended reading

Main reading material
Investments, Global Edition, 10E, Bodie, Kane, Markus, 2014

Additional literature
No reading material has been provided.

EM Research: Be sure to mobilize at least one resource

Textbooks, case studies, translated material, etc. can be entered
No reading material has been provided.

Assessment

List of assessment methods

Final evaluation Exam week
Written (120 Min.) / Individual / English / Weight : 100 %
This evaluation is used to measure LO1.1, LO1.2, LO1.3