

UE 6-1 : MARKET FINANCE

Level: Bachelor's Degree (Year 3)

Program: Economics

Semester: 6

Course Duration: 18 hours

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Course Objectives:

This course aims to familiarize students with the fundamental principles of financial markets. It aims to provide an understanding of the essential mechanisms of financial markets, different types of financial instruments, and the actors involved. Students will gain practical knowledge of equity markets, bond markets, derivative markets, as well as basic financial analysis skills. The course will emphasize understanding financial risks, managing investment portfolios, and evaluating investment opportunities. Students will also be introduced to fundamental analysis, an approach used in evaluating financial assets. Another important objective of this course is to raise awareness among students of ethical aspects and current and future developments in financial markets.

Course Outline:

1. Role and Organization of Financial Markets
 - The role of financial markets
 - Financing the economy and businesses
 - Organization of financial markets
 - The money market
2. Securities Markets and Derivatives Markets
 - The stock market
 - The bond market
 - Futures markets
3. Portfolio Risks and Performance
 - Portfolio profitability
 - Financial risk management
 - Portfolio risk
 - The Capital Asset Pricing Model (CAPM)
4. Revolution in the World of Finance?
 - Sustainable finance
 - High-frequency trading
 - Crypto-assets

Developed Skills:

- Understanding financial concepts
- Financial analysis
- Financial risk management



- Investment evaluation
- Utilizing fundamental analysis tools

Assessment Method: Continuous assessment consisting of two written exams.

Prerequisites:

- Financial Mathematics
- Macroeconomics III: Money and Capital Markets

Bibliography/References:

- **Finance de marchés : Marchés de capitaux, investisseurs, gestion de portefeuille** 2022, Pierre Gruson, Paris, Vuibert.
- **Monnaie, banque et marchés financiers**, 2013, Frederic Mishkin, 4e édition française, Pearson France.
- **Options, Futures and Other Derivatives**, 2014, Jhon Hull, 9th Edition, Pearson.