

Teaching guide

IDENTIFICATION DETAILS

Degree:	Business Analytics		
Field of Knowledge:	Social and Legal Science		
Faculty/School:	Law, Business and Governance		
Course:	The Stock Exchange and Capital Markets		
Type:	Optional	ECTS credits:	6
Year:	4	Code:	5381
Teaching period:	Eighth semester		
Area:	Management Analytics		
Module:	Disciplinary Training		
Teaching type:	Classroom-based		
Language:	English		
Total number of student study hours:	150		

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SUBJECT DESCRIPTION

The knowledge of financial markets and financial assets is key to the successful operation of a modern economy and constitutes both the most important part of the financial economy and the most significant area on the investment decisions. Moreover, the degree represents one of the most important professional careers allowing work in financial services and investment banking.

GOAL

At the end of the course, the student must understand the main financial markets, and their operational rules and appliances in the business use or as an investment, taking into account that the risk analysis is inherent to the capital market and derivatives.

PRIOR KNOWLEDGE

Macroeconomy
Financial structure
Value of the money over time.
Statistics
Ethic
English

COURSE SYLLABUS

Part I

Introduction:

- The Financial Sector: Central Banks
- The Monetary Policy: Interest rate Determination
- The efficiency in the Financial Markets - Functions and characteristics of financial assets.
- Concept, features, functions and types of Financial Markets.

Part II

- The Stock Exchange: Index and Valuation
- Stock Exchange Structure: -Traded Assets -Market Members -Settlement Systems.
- Stock Exchange Operations - IPO - Splits - Capital raising
- Stock Exchange Index
- Fundamental and Technical Analysis

Part III

- Financial Markets - The Money Markets - The Bond Market - The Stock Market
- Financial Futures - Options Markets - Swaps Markets

Part IV

- Trends in the Global Financial Markets
- Financial Sector Consolidation
- European Monetary Union (EMU)

EDUCATION ACTIVITIES



Individual as well as Group work. Practical focus through group problem solving.

Course work

: - Analysis of two selected recent text/news on financial markets. Presentation of summary.

- Group presentation of a current financial situation.

Tutorials:

- Timing will be discussed during first day. Student must send email to professor soliciting tutorial.

Teaching methodology will be established based on experience, incorporating most appropriate methodology and technology according to course objectives. For that purpose, selected materials, texts, documentation and other readings have been adapted using adequate technological support to facilitate communication and understanding. The following methodology will be used:

FLIPPED CLASSROOM: active methodology that translates learning out of classroom using videos and enriched texts to maximize comprehension from the student. Both in attended classes or remote, the idea is to facilitate content for student own analysis.

LEARNING THROUGH PROBLEM SOLVING: Student will face practical exercises with professor guidance. Once completed, exercises will be analyzed and corrected by students in class.

LECTURES: Presentation of key concepts with special emphasis on facilitating understanding by the student. Students may participate in preparing certain themes. Students will be given additional references for further analysis.

TEAM WORK: Team work preparation and presentation in class, to reinforce main concepts.

PERSONALIZED TUTORIAL: Individual support to review and discuss main concept and solve doubts. Student help on learning process.

GROUP TUTORIAL: Supervision of team work.

In Canvas (online Campus), all relevant materials will be included as well as all relevant activities. For access: <https://ufv-es.instructure.com/login/canvas>.

Main tools in Canvas are:

- Calendar: information of class content, exercises, presentations, exams, test and other activities including deadlines. Will be updated regularly

- Email: to communicate with professor and other students.

- Guia Docente (Teaching Guide): including materials to be covered and evaluation criteria.

- Activities: Exercises to be covered by students during the course.- Materials: Materials to prepare for activities and exams. Summary of professor presentations, work to be performed, press articles, etc.

- Each student will need to activate their personal evaluation tool at the beginning of the course.

DISTRIBUTION OF WORK TIME



CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
60 hours	90 hours

SKILLS

Basic Skills

Students must have demonstrated knowledge and understanding in an area of study that is founded on general secondary education. Moreover, the area of study is typically at a level that includes certain aspects implying knowledge at the forefront of its field of study, albeit supported by advanced textbooks

Students must be able to apply their knowledge to their work or vocation in a professional manner and possess skills that can typically be demonstrated by coming up with and sustaining arguments and solving problems within their field of study

Students must have the ability to gather and interpret relevant data (usually within their field of study) in order to make judgments that include reflections on pertinent social, scientific or ethical issues

Students must be able to convey information, ideas, problems and solutions to both an expert and non-expert audience

Students must have developed the learning skills needed to undertake further study with a high degree of independence

General Skills

Recognition and respect for social and environmental issues.

Skills for promoting intellectual curiosity and the search for truth in all areas of life, and in particular in the context of handling mass data.

Capacity for achieving objectives, problem-solving and decision-making in the environment of quantitative and qualitative mass data.

Capacity for analysing data on a large scale from different sources: audiovisual, textual and numerical.

Capacity for designing and implementing projects and reports, naturally using digital channels.

Capacity for leadership and teamwork in the information society.

Capacity for communicating in a native or foreign language in the information society.

Capacity for critical, self-critical, analytical and reflexive thought.

Capacity for autonomous learning in the information society.



Specific skills

Know and understand the basic principles of business analytics and its essential concepts and tools, geared towards identifying and assessing opportunities in all the functional areas of the business: general and strategic management, human resources, finance, marketing, production and operations.

Know how to identify and resolve real business problems through advanced data analysis and the selection of the correct techniques for decision-making.

Know how to manage quantitative and computer tools for decision-making.

Identify and resolve the ethical dilemmas that arise when making decisions based on business analysis, based on Christian values.

Use English for professional development in an international context, and new technologies.

Known and understand the finances (financial maths, financial analysis and financial management) in the context of national and international mass data.

LEARNING RESULTS

Be able of working in a financial department of a financial and non financial company.

Be able of understanding the different financing alternatives of a corporate

Be able to design financial models based on financial instruments to cover economic and operational risks.

Understand the relationship between return and risk in each financial instrument and the effect that external circumstances have on their valuation

Understand the statistical concepts that apply in creating investment algorithms and their effect on investment decisions.

To understand the implications of the efficient market hypothesis, the efficient market hypothesis, market anomalies and behavioural finance in corporate finance management

LEARNING APPRAISAL SYSTEM

There are two main evaluation systems:

A) CONTINUOUS assessment system:

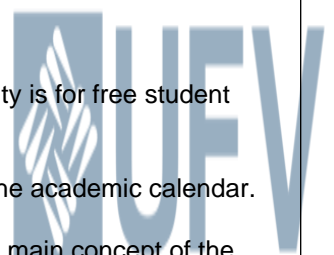
Only for students **with at least 80% attendance**. The remaining 20% of attendance possibility is for free student disposal.

Evaluation will range from 0-10, which will accumulate throughout the course.

A mid-term exam in March and a final exam will take place in the ordinary call according to the academic calendar.

Exams will account for 70% of the global grade (Midterm exam 20% and Final exam 50%)

In addition, students will have the reading of articles, books, and presentations related to the main concept of the course; Articles, tests, exercises, presentations, etc. will account for 20% and class attendance and participation the



remaining 10%.

To pass the course the accumulated grade will have to be at least 5.

To apply the continuous evaluation in the global grade, the grade on the **final exam will have to be at least 5 over 10.**

These continuous evaluation criteria **will apply also for the extraordinary call.**

To summarize

- | | |
|---------------------------------------|-----|
| 1. Midterm exam | 20% |
| 2. Final exam | 50% |
| 3. Exercises, presentation | 20% |
| 4. Class Attendance and participation | 10% |

Students exceeding 20% of non-attendance will limit their final grade to the grade obtained in the exams, which represents 70% of the final grade, according to the official requirements imposed by the University.

B) Alternative system

This system will apply to :

b.1) Repeating students, students not attending classes due to calendar conflicts must notify the teacher that he/she will not be attending the class

b.2) academic waiver applicants (*), the final grade will be based on the **final exam that will weigh 85%**, while **the remaining 15% will be based on the practical exercises** presented through Aula Virtual during the course.

b.2) Exchange students, will be based on the alternative system, being their responsibility to understand it.

C) Students of second and following calls could be subject to any of the two systems explained before, **prior communication to the professor at the beginning of the semester.** They will not need to ask for an academic waiver (dispensa académica)

Evaluation criteria for students under "Convocatoria Extraordinaria" will be the same as for those under "Convocatoria Ordinaria".

IMPORTANT NOTE: All students will be subject to the norms and regulations imposed by the University. Plagiarism behaviours, as well as the use of illegitimate means in the evaluation tests, will be sanctioned following the provisions of the Evaluation Regulations and the University's Coexistence Regulations.

(*) Academic waiver must be solicited according to Coordinación Académica procedures

BIBLIOGRAPHY AND OTHER RESOURCES

Basic

Richard A. Brealey, Stewart C. Myers, Franklin Allen. Principles of corporate finance / 13th ed. New York: McGraw-Hill, 2020

Mishkin & Eakins Financial markets and institutions 8th edition, 2015

Mascareñas, Juan, Introducción a los Mercados Financieros (Introduction to Financial Markets)
<https://ssrn.com/abstract=2310565>

