

**COURSE DATA****Data Subject**

<b>Code</b>	35855
<b>Name</b>	Stock markets and strategies
<b>Cycle</b>	Grade
<b>ECTS Credits</b>	4.5
<b>Academic year</b>	2020 - 2021

**Study (s)**

<b>Degree</b>	<b>Center</b>	<b>Acad. year</b>	<b>Period</b>
1313 - Degree in Business Management and Administration	Faculty of Economics	4	First term
1330 - Degree in Business Management and Administration (Ontinyent)	Faculty of Economics	4	Annual

**Subject-matter**

<b>Degree</b>	<b>Subject-matter</b>	<b>Character</b>
1313 - Degree in Business Management and Administration	32 - Banking operations and financial markets	Optional
1330 - Degree in Business Management and Administration (Ontinyent)	25 - Materia Optatividad 4º curso	Optional

**Coordination**

<b>Name</b>	<b>Department</b>
PIÑOL ESPASA, JOSE AGUSTIN	172 - Business Finance

**SUMMARY**

*Stock Markets and Strategies* belongs to the fourth year of the Degree in Business Management and Administration, University of Valencia. It is an optional subject inside the Financial Management curricular line, and includes knowledge to carry out the design and management of investment portfolios. Specifically, it deals with the analysis and valuation of financial assets of variable income, as well as their financial markets.



## PREVIOUS KNOWLEDGE

### Relationship to other subjects of the same degree

There are no specified enrollment restrictions with other subjects of the curriculum.

### Other requirements

In order to follow and understand the concepts it is necessary a minimum knowledge of Investment Theory, Financing Theory, Statistics, Financial Accounting and Financial Mathematics.

## OUTCOMES

### 1313 - Degree in Business Management and Administration

- Demonstrate capacity for analysis and synthesis.
- Have organisation and planning skills.
- Be able to use ICTs in the field of study.
- Be able to analyse and search for information from different sources.
- Be able to solve problems.
- Be able to make decisions.
- Be able to work in a team.
- Manage time effectively.
- Be able to learn autonomously.
- Be able to adapt to new situations.

## LEARNING OUTCOMES

Ability to know the basic fundamentals that govern operations and financial markets.

Ability to correctly apply a common valuation model for analysis of financial investment and financing operations.

Ability to assimilate the rules of equity markets and their derivatives as well as the securities and contracts traded.

Ability to value financial assets and derivative contracts, and to manage equity portfolios.



## DESCRIPTION OF CONTENTS

### 1. EQUITIES FINANCIAL MARKETS (I): SHARES

1. Structure of the Spanish financial market.
2. Structure of the Spanish stock market.
3. Operations with shares. Negotiation rules in SIBE.
4. Opening and closing auctions. Volatility auctions.
5. Spreadsheets applications.

### 2. EQUITIES FINANCIAL MARKETS (II): OTHER PRODUCTS AND OPERATIONS

1. Exchange Traded Funds (ETF).
2. Warrants, Certificates and other products.
3. MAB, Latibex and other segments.
4. Short sales. Securities lending.
5. Spreadsheets applications.

### 3. OPTIONS FINANCIAL MARKET ON EQUITIES (I): STRUCTURE

1. Options contracts on equities.
2. Structure of the Spanish financial options market.
3. Influential factors in the value of financial options.
4. Value sensitivity: Greek letters.
5. Spreadsheets applications.

### 4. OPTIONS FINANCIAL MARKET ON EQUITIES (II): STRATEGIES

1. Risk hedging strategies.
2. Speculative trends strategies.
3. Speculative volatility strategies.
4. Arbitrage strategies.
5. Spreadsheets applications.

### 5. OPTIONS FINANCIAL MARKET ON EQUITIES (III): VALUATION

1. Valuation of financial options: Black-Scholes model.
2. Valuation of financial options: binomial model.
3. Valuation of business assets through options.
4. Valuation of business liabilities through options.
5. Spreadsheets applications.

**6. FUTURES FINANCIAL MARKET ON EQUITIES**

1. Futures contracts on equity.
2. Structure of the Spanish financial futures market.
3. Portfolios with financial futures.
4. Valuation of financial futures.
5. Spreadsheets applications.

**WORKLOAD**

ACTIVITY	Hours	% To be attended
Theory classes	30,00	100
Classroom practices	15,00	100
Study and independent work	67,50	0
<b>TOTAL</b>	<b>112,50</b>	

**TEACHING METHODOLOGY**

Theoretical sessions: exposition of the subject's items.

Practical sessions: resolution of exercises and analysis of financial markets reality.

Working papers: Aula virtual <https://aulavirtual.uv.es> and/or website <http://www.uv.es/pinyol> (where possible).

**EVALUATION**

Continuous evaluation: must be understood as referring to a natural process of successive acquisition of skills and knowledge that converges and condenses in a final exam. It can be implemented through thematic questionnaires and course work. Weight: 40%.

Final exam: it will consist of a set of test-type questions and/or several open questions, combining theory and practice. Weight: 60%.

To pass the course, must pass the final exam.

**REFERENCES****Basic**

- CASTELLANOS, E.: Opciones y futuros de renta variable. Instituto Bolsas y Mercados Españoles.



- GÓMEZ, A.R.; PIÑOL, J.A.; REIG, A.; RODRIGO, A.: Teoría de la financiación II. Pirámide.
- HULL, J.C.: Introducción a los mercados de futuros y opciones. Pearson, Prentice Hall.
- HULL, J.C.: Options, futures and other derivatives. Pearson, Prentice Hall.
- WEB de mercados financieros y otras instituciones (BME, MEFF, CNMV).

## ADDENDUM COVID-19

**This addendum will only be activated if the health situation requires so and with the prior agreement of the Governing Council**

### ADDENDUM COVID-19

This addendum would be applied only if necessary, as established by the university authorities based on the evolution of the pandemic.

1. Contents. Where appropriate, the contents initially programmed in the teaching guide would be maintained, adapting the topics that could not be explained in classroom teaching to the non-classroom teaching methodology.
2. Volume of work and planning. The subjects that, where appropriate, could not be explained through face-to-face classes would be implemented through non-face-to-face teaching, proportionally maintaining the volume of work established in the teaching guide. The schedule would be adapted to the evolution of the events.
3. Teaching methodology. Where appropriate, the methodology that best fits to the working method and technical possibilities would be used, choosing from a wide range of available resources: Virtual Classroom (Aula Virtual, <https://aulavirtual.uv.es>) activities, live or delayed conferences, web links, forums, theoretical explanations and problems solved in different supports (text documents, spreadsheets, presentations ...), online or email tutoring...

The modality of classes for students will depend on the social and health conditions and the restrictions established by the competent authorities. In the case of **online teaching**, classes will be given by videoconference, preferably synchronous, using Blackboard Collaborate, Teams, Skype or the tool that the lecturer considers appropriate to optimize the student's teaching-learning process during the scheduled program sessions, **which remain the same days and times**. In the case of **blended teaching**, the students will have to access the classroom in alternate weeks according to the initial of their last name (A-M or L-Z). The classes will be broadcast so that the students will have face-to-face teaching one week, and the next week they will follow the classes in streaming.

4. Evaluation. Where appropriate, the continuous evaluation would be adapted proportionally to the situation, acquiring greater weight in the global evaluation (it may even constitute 100%) and being implemented through tests in the Virtual Classroom (Aula Virtual). The final exam would be carried out using a Virtual Classroom questionnaire and its weight would be adapted to that required by the continuous evaluation.



5. Bibliography. Where appropriate, the bibliography would be complemented with consultation sources on the Internet, giving priority to free material.

