



ACADEMIC YEAR 2019-2020
FINANCE MAJOR
CORE MODULES – 7th SEMESTER
(TOTAL ECTS 30 UNITS)

1. FUNDAMENTAL AND TECHNICAL STOCK TRADING ANALYSIS - (6 ECTS)

Within the context of this module, students will be exposed to basic theoretical approaches to the evaluation and selection of stocks, as well as a wide range of investment products. In particular, the teaching of the course focuses on the Fundamentals approach and on Technical Analysis. Basic trading strategies are also considered in conjunction with the development of econometric forecasting models and neural systems. The course consists of lectures and practical applications - case studies.

2. BANK MANAGEMENT - (6 ECTS)

The aim of the course is for students to understand the role of banks, to get to know the banking products and operations, to learn how loan repayments are calculated and what are the amortizations, to learn to calculate their efficiency and profitability ratios banks, to assess the creditworthiness of potential borrowers, to come to contact with the securitization process and mechanisms, to understand its policies banking supervision and the incentives and results of regulatory interventions (Pillars Basel) to understand the structure, organization and business planning of a bank and finally understand the causes of the 2008 crisis, its consequences and what we can do we do to prevent similar crises in the future. The course consists of lectures and practical applications - case studies.

3. CORPORATE RISK MANAGEMENT AND FORECASTING - (6 ECTS)

The course attempts to introduce a comprehensive corporate risk management framework. In particular, regarding financial risk management, it focuses mainly on the quantification of financial risks through VaR. For this purpose, the module examines the relevant mathematical and statistical background, definition of VaR, parametric estimation of VaR, estimation of VaR with Monte-Carlo simulation and historical simulation, portfolio VaR and specific positions in shares, etc., model adequacy checking and stress testing. In addition, it addresses the cyber risk management to which businesses are increasingly exposed. Within the context of these risks, relevant definitions are provided, their classification, the relevant institutional framework, their evaluation and valuation methods and the use of intelligent systems with emphasis on neural systems for their more effective management. The course consists of lectures and practical applications - case studies.

ELECTIVE MODULES (CHOOSE ANY 2)

1. INTERNAL CONTROL AND RISK MANAGEMENT - (6 ECTS)

The course examines issues related to internal control, sampling for the assessment of the internal control system, the cycle of sales accounts, purchases, staff salaries, cash and stocks, liability and equity accounts, fixed assets, control risk, business risk, audit risk fraud, credit risk, other risks, risk management policy, and financial risk management using Value at Risk (VaR) as a quantification. The aim of the course is to give students a comprehensive framework of risk management and internal control in a business or organization.

2. COMPUTERIZED ACCOUNTING II - (6 ECTS)

The course examines and analyzes the process of the final inventory listings carried out by a company through the application of information systems. Next, it presents the ways to correct accounting errors, depreciation methods, end-of-year adjustment records. At the same time, it analyzes the operation and content and determines the approaches followed in bookkeeping. The module also discusses the accounting entries for the closing and opening of the accounting books of a company, the income statements as well as the earning distribution for the year. Also, the provisions of K.F.A.S. (code of recording transactions for tax purposes) as well as the bulletins of the Ministry of Finance that refer to the end-of-year entries. Next, the provisions governing labor and insurance legislation are listed and interpreted. The course consists of lectures and practical applications - case studies.

3. TAX ACCOUNTING II - (6 ECTS)

The aim of the module is to examine issues related to the taxation of individuals and legal entities. Also, some special issues are examined, such as intra-group transactions (transfer pricing), the tax certificate, the sub-capitalization, etc. The course is based on both the theoretical analysis of the tax framework and the practical analysis using case studies so that the student understands the rationale and implementation of the tax law. The course consists of lectures and practical applications - case studies.

4. CAPITAL MARKET LAW - (6 ECTS)

The module introduces students to the principles, concepts and practical applications of the current legislation of the Capital Market. The module reviews the entire case law, which is implemented by the Greek legal system, but which has also been incorporated by Community Law, in terms of substantive references and practical rationale, which have been and are in force, due to international changes and developments. This way, students will appreciate the evolution of the legislator's thinking over time, on issues that are mainly relevant to investor protection, market manipulation and misuse of confidential information, the structure of the Greek and European Capital Market, the process of order execution, the penalties imposed, the supervision, the usefulness of the Capital Market in raising funds for companies listed on the Greek Stock Exchange and the contribution to the national economy.

5. INTERNATIONAL BANKING - (6 ECTS)

The presentation of the course will follow the following structure: international capital flows and international banking, theory of international banking, operation of multinational banking, international banking markets, international lending, financial risk management in international banking, forms of international banking institutions, international monetary and

banking crises, analysis of banking systems, future developments in international banking. The course consists of lectures and practical applications - case studies.

6. ENTREPRENEURSHIP - BUSINESS PLANNING - (6 ECTS)

The objectives of this module are: to demonstrate to students the usefulness of infrastructure and specialization modules, as tools for planning business activities, to enable students to identify the need to reduce business risk, through the application of scientific methods, to introduce students to the process of conducting of a business plan and to appreciate its usefulness under conditions of uncertainty. After completing this course, students will be able to: Develop Business Plans to implement their own business ideas, either as entrepreneurs or as self-employed, work as members of business teams in the private and wider public sector.

7. EDUCATIONAL PSYCHOLOGY - (6 ECTS)

Prospective educators should appreciate that "Educational Psychology" is a discipline that is primarily interested in the application of psychological methods in the study and practice of teaching and learning. The particular educational objectives of the course are the initial familiarization with the definition of Educational Psychology, the definitions, the keywords used in the field as well as the learning of important topics in modern Educational Psychology. Prospective educators must understand through this lesson the meaning of Teaching, that in order to teach skilfully they must be aware to the extent possible the needs, characteristics and differences of their students. The priority of Educational Psychology is the understanding of the learning process by educators, the strategies that their students use in acquiring new information as well as their exposure to those techniques that they must adopt to have successful students in their classroom in the process of acquiring new knowledge and skills.