



**ACADEMIC YEAR 2020-2021  
CORE MODULES – 2<sup>nd</sup> SEMESTER  
(TOTAL ECTS 30 UNITS)**

**1. CORPORATE FINANCE - (5 ECTS)**

The course examines the basic methods of investment analysis and valuation of Fixed Assets. It also evaluates the required capital investment budget for the investment as well as the means of financing it, under conditions of certainty but also of uncertainty. The investment risk is evaluated for isolated investments, in that the risk is determined only within the context of a specific investment or project. Then, the risk is evaluated from the perspective of a firm's investment portfolio. To facilitate understanding of the theory, students are trained in practical applications using Excel. The course consists of lectures and practical applications - case studies.

**2. FINANCIAL ACCOUNTING I - (5 ECTS)**

The aim of the course is to develop the principles and methods in the science of accounting, as well as to examine specific issues related to Financial Statements. The course examines how non-current assets such as fixed and intangible assets are treated in accounting. In addition, the accounting of the current data is analysed assets such as stocks and receivables. The module covered, among others, the following: accounting policies and corrections of errors, accounting estimates, accounting for property, plant and equipment, intangible assets accounting, inventory accounting, receivables accounting, equity accounting, liability accounting, adjustment entries, entries for closing the books, distribution of earnings. The course consists of lectures and practical applications - case studies.

**3. MONEY AND BANKING - (5 ECTS)**

The aim of the module is to provide students with the necessary tools to engage in critical thinking related to money and banking. They evaluate the role of money in an economy, they will be able to understand and analyse the determination of interest rates and their importance in the economy. Students learn to appreciate the importance and complexity of monetary policy and they examine the behavior of markets within a constantly changing environment. The ultimate goal is to provoke students' curiosity for further study and analysis of related issues. The course consists of lectures and practical applications – case studies.

**4. MACROECONOMICS - (4 ECTS)**

The aim of the course is to provide students with a thorough understanding of the various economic functions and the use of economic policy. Among the topics examined, the following are included: a) analysis of the fundamental economic functions such as production, consumption, investments and international trade, b) analysis of the public sector operations and fiscal policy, c) analysis of monetary sector and monetary policy, and finally, d) analysis of main problems that macroeconomic policy deals with, such as unemployment and inflation, highlighting the different approaches followed to address the issues, suggested by different schools of economic thought. The course consists of lectures and practical applications - case studies.

## **5. MATHEMATICS II - (4 ECTS)**

The aim of the course is for students to engage with optimization techniques. It also aims to provide students with basic knowledge for solving dynamic problems. Topics covered include unconstrained optimization, constrained optimization, Kuhn-Tucker conditions, introduction to 1st and 2nd degree difference equations, introduction to 1st and 2nd degree differential equations. The course consists of lectures and practical applications - case studies.

## **6. INTRODUCTION TO COMMERCIAL LAW - (4 ECTS)**

The aim of the course is to provide students with a complete framework for analysing issues related to commercial law. The module consists of the following parts. The first part discusses general commercial law, its branches and commercial transactions. In the second part, commercial transactions are analyzed, while the third part introduces the notion of commercial status and in how it is obtained. Finally, the fourth part analyzes different types of commercial contracts. To facilitate a better understanding of the theory, examples are frequently used during lectures.

## **7 (a). ENGLISH II: ACADEMIC WRITING - (3 ECTS)**

The aim of the course is for the students to develop their academic writing skills, related to the specific topic of their degree. The fundamental principles underpinning academic writing are examined and they include: recipients, purpose and strategy, structure, writing style, flow, presentation, scientific / academic position. The module goals include the production of different types of written academic text and the continuous development of language skills through small text writing and through practice in accurate academic writing used that corresponds to the scientific field of concern, e.g. transition techniques to academic writing, integrated models of written academic speech.

## **7 (b). FRENCH II - (3 ECTS)**

The aim of the course is for the participants to expand their knowledge in French language grammar (Structure of the language - grammar objectives), to be able to identify, to understand and produce written or oral content relevant to the subject matter (academic goals), to enrich the language with the subject-specific vocabulary (linguistic objectives), to promote their autonomy in using the language by engaging in interactive exercises and searching for information on the internet (autonomy goals).

## **7 (c). GERMAN II - (3 ECTS)**

The aim of the course is to introduce students to the German language (beginners level) while, at the same time, raise awareness about German culture. At this level, teaching focuses on acquiring an elementary vocabulary to be able to communicate in simple daily situations in a German-speaking country (eg find accommodation, dialogue at the bank, the doctor, travel agency, companies etc.). It also helps students familiarise with basic grammar structures and syntax. The course promotes the development of written and oral speech through guided exercises (e.g. compose an informal email, how to agree or disagree and make counterproposals) and the development of listening skills and the understanding of simple everyday phrases and dialogues.