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| Course Details |
| Code | **Academic Year** | **Semester** |
| BE005 | 2021-2022 |  |
| Title | **T** | **A** | **L** | **ECTS** |
| Advanced Topics in Money and Capital Markets | 3 |  | 0 | 10 |
|  |
| Language | English |
| Level | **Master** |  | **Doctorate** | **X** |
| Department / Program | PhD in Business and Economics |
| Forms of Teaching and Learning | Face-to-Face |
| Course Type | **Compulsory** |  | **Elective** | **X** |
| Objectives | The aim of the course is to present and analyze the products of the money and capital markets, their valuation rules, their characteristics as well as the operation of the individual markets. In particular, we will deal with fixed income securities markets, stock markets, derivatives markets, and money markets. Furthermore, we will present portfolio theories and optimal portfolio choices using risk-free and risky assets. Emphasis will be placed on the concept, and importance, of the effective operation of markets and on the analysis of the qualities that must be met for its existence. |
| Content | Studies the flow of funds in the short-term and long-term financial markets. Sources and uses of funds, interest rate theory, the role of governments and other authorities are studied to provide an advanced understanding to interpret current developments. |
| Prerequisites |  |
| Coordinator |  |
| Lecturer(s) |  |
| Assistant(s) |  |
| Work Placement |  |
| Recommended or Required Reading |
| Books / Lecture Notes | Textbook: Money, Banking and the Financial System, Hubbard, G. and Tony O’Brien, Pearson Publishers, 2014, 2nd Edition |
| Other Sources | - Essentials of Money and Capital Markets, M. B. Livingston, 4th edition, Wiley- Financial Management: Theory & Practice, E. Brigham, MC. Ehrhardt, latest edition (16th) |
| Additional Course Material |
| Documents |  |
| Assignments |  |
| Exams |  |
| Course Composition |
| Social Sciences |  | 20% |
| Educational Sciences |  | % |
| Natural Sciences |  | % |
| Health Sciences |  | % |
| Expert Knowledge |  | 80% |
| Assessment |
| Activity | **Count** | **Percentage (%)** |
| Midterm Exam | 1 | 20 |
| Quiz |  |  |
| Assignments | 10 | 20 |
| Attendance |  |  |
| Recitations |  |  |
| Projects |  |  |
| Final Exam | 1 | 60 |
| Total | **100** |
| ECTS Points and Work Load |
| Activity | **Count** | **Duration** | **Work Load (Hours)** |
| Lectures | 14 | 3 | 52 |
| Self-Study | 1 | 214 | 214 |
| Assignments | 10 | 1 | 10 |
| Presentation / Seminar Preparation |  |  |  |
| Midterm Exam | 1 | 2 | 2 |
| Recitations |  |  |  |
| Laboratory |  |  |  |
| Projects |  |  |  |
| Final Exam | 1 | 2 | 2 |
| Total Work Load | **280** |
| ECTS Points (Total Work Load / 28)  | **10** |
| Course Learning Outcomes |
| 1 | Understand the economic role, goals, tools, and tactics used by the central banks |
| 2 | Understand the economic role and purposes served by the existence of financial intermediaries within the economy |
| 3 | Understand the role, meaning and determination of interest rates and the factors influencing their term structure |
| 4 | Understand the different types of financial institutions, the fundamentals of managing their risk and return, and how they are regulated |
| Weekly Content |
| 1 | Introduction to Money and Capital Markets |
| 2 | Interest Rates |
| 3 | Risk and Term Structures of Interest Rates |
| 4 | Financial Institutions; Financial Crises and Economic Impacts; Money Markets |
| 5 | Bond Market & Stock Market |
| 6 | Mortgage Markets & Foreign Exchange Market |
| 7 | Case Study & Midterm Exam |
| 8 | Management of Financial Institutions & Financial Regulation  |
| 9 | Banking Industry |
| 10 | Mutual Fund Industry; Insurance Companies and Pension Funds |
| 11 | Case Study |
| 12 | Investment Banks, Securities, and VC Firms |
| 13 | Risk Management in Financial Institutions |
| 14 | General Review |
| 15 | Final Exam |
| Contribution of Learning Outcomes to Program Objectives (1-5) |
| CLO | **P1** | **P2** | **P3** |
| 1 | 4 | 4 | 4 |
| 2 | 4 | 4 | 4 |
| 3 | 4 | 4 | 4 |
| 4 | 4 | 4 | 4 |
| 5 | 4 | 4 | 4 |
| Contribution Level | 1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High |
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| Compiled by: |  |
| Date of Compilation: |  |