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| Course Details |
| Code | **Academic Year** | **Semester** |
| BE003 | 2021-2022 |  |
| Title | **T** | **A** | **L** | **ECTS** |
| Strategic Financial Planning and Modelling |  |  | 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 | This course provides students with the skills and techniques needed to construct financial models to measure the impact of various economic scenarios on a company's performance. It includes the construction of models to make accurate predictions across different scenarios and case studies.   |
| Content | Sensitivity and scenario analysis, optimization methods, Monte Carlo simulation and regression analysis techniques, complex multi-scenario models in financial statement forecasting, business valuation and pricing models. |
| Prerequisites |  |
| Coordinator |  |
| Lecturer(s) |  |
| Assistant(s) |  |
| Work Placement |  |
| Recommended or Required Reading |
| Books / Lecture Notes |  |
| Other Sources |  |
| 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 | 40 |
| Quiz |  |  |
| Assignments |  |  |
| Attendance |  |  |
| Recitations |  |  |
| Projects |  |  |
| Final Exam | 1 | 60 |
| Total | **100** |
| ECTS Points and Work Load |
| Activity | **Count** | **Duration** | **Workload (Hours)** |
| Lectures | 14 | 6 | 84 |
| Self-Study | 1 | 20 | 20 |
| Assignments | 2 | 43 | 86 |
| Presentation / Seminar Preparation |  |  |  |
| Midterm Exam | 1 | 30 | 30 |
| Recitations |  |  |  |
| Laboratory |  |  |  |
| Projects |  |  |  |
| Final Exam | 1 | 60 | 60 |
| Total Workload | **280** |
| ECTS Points (Total Workload / 28)  | **10** |
| Course Learning Outcomes |
| 1 | Be able to demonstrate compliance with the legal and professional requirements. |
| 2 | Be able to explain the relevance of portfolio theory to constructing investment portfolio |
| 3 | Be able to develop wealth creation strategies |
| 4 | Be able to describe strategies for wealth protection |
| 5 | Be able to explain the impact of economic, client and regulatory change on the effectiveness of strategies |
| Weekly Content |
| 1 | Finance an overview |
| 2 | Capital Budgeting under Conditions of Certainty |
| 3 | Capital Budgeting and Case for NPV  |
| 4 | Capital Budgeting and Taxation  |
| 5 | The Treatment of Uncertainty  |
| 6 | Mean -Variance Methodology and Analyses  |
| 7 | Equity Valuation and Cost of Capital  |
| 8 | Dividend Valuation  |
| 9 | Midterm |
| 10 | Debt Valuation and the Cost of Capital  |
| 11 | The Impact of Issue Cost  |
| 12 | Capital Gearing and Cost of Capital  |
| 13 | Shareholder Wealth and Value Added  |
| 14 | WACC Assumptions |
| 15 | General review and Summary |
| Contribution of Learning Outcomes to Program Objectives (1-5) |
| CLO | **P1** | **P2** | **P3** |
| 1 | 5 | 5 | 5 |
| 2 | 5 | 3 | 5 |
| 3 | 4 | 3 | 4 |
| 4 | 3 | 4 | 4 |
| 5 | 2 | 4 | 3 |
| Contribution Level | 1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High |
|  |
| Compiled by: |  |
| Date of Compilation: |  |