|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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: | |  | | | | | | | | | | | | | | | | | |