# Syllabus

## Course description

<table>
<thead>
<tr>
<th>Course title</th>
<th>Financial Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course code</td>
<td>27330</td>
</tr>
<tr>
<td>Scientific sector</td>
<td>SECS-P/09</td>
</tr>
<tr>
<td>Degree</td>
<td>Bachelor in Economics and Management</td>
</tr>
<tr>
<td>Semester and academic year</td>
<td>2nd semester 2024/2025</td>
</tr>
<tr>
<td>Year</td>
<td>2</td>
</tr>
<tr>
<td>Credits</td>
<td>6</td>
</tr>
<tr>
<td>Modular</td>
<td>No</td>
</tr>
<tr>
<td>Total lecturing hours</td>
<td>36</td>
</tr>
<tr>
<td>Total lab hours</td>
<td>18</td>
</tr>
<tr>
<td>Total exercise hours</td>
<td>none</td>
</tr>
<tr>
<td>Attendance</td>
<td>suggested, but not required</td>
</tr>
<tr>
<td>Prerequisites</td>
<td>Prior attendance of the course ‘Mathematics of Finance’ (course code 27331) is highly recommended.</td>
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<tr>
<td>Course page</td>
<td><a href="https://www.unibz.it/it/faculties/economics-management/bachelor-economics-management/">https://www.unibz.it/it/faculties/economics-management/bachelor-economics-management/</a></td>
</tr>
</tbody>
</table>

### Specific educational objectives

The course refers to the typical educational activities and belongs to the scientific area of Business Administration.

To give students the basics of the corporate finance and to teach students to apply Microsoft Excel to that purpose.

### Lecturer

Dmitri Boreiko  
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Tel: 0471/013277  
[https://www.unibz.it/it/faculties/economics-management/academic-staff/](https://www.unibz.it/it/faculties/economics-management/academic-staff/)

### Scientific sector of the lecturer

SECS-P/09

### Teaching language

English

### Office hours

Please refer to the lecturer's web page

### Lecturing assistant

Tbd

### Teaching assistant

None

### Office hours

18
### Learning outcomes

**Knowledge and understanding:**
- Knowledge of the tools necessary to calculate present values, choose discount factors, estimate the cost of capital and value securities such as bonds, shares or investment projects.

**Applying knowledge and understanding:**
- Ability to value fixed-return financial instruments and the shares of listed firms with spreadsheet software.

**Making judgments:**
- Choosing the best investment among alternatives
- Being able to estimate the effect of uncertainty on investment choice

**Communication skills:**
- not foreseen.

**Learning skills:**
- being able to understand and find a solution for particular financial problem of a corporation.

### List of topics covered

- Net Present Value
- Capital budgeting techniques and investment appraisal
- Portfolio investment theory
- Capital asset pricing model
- Debt, equity and beyond traditional finance
- Capital structure and Cost of capital
- Valuation of financial instruments and investments: from Discounted Cash Flow analysis to valuation by multiples
- Investment under uncertainty
- Crowdfunding, blockchain, Decentralized Finance and other innovations financing corporations

### Teaching format

- Frontal lectures
- Exercises in Excel
- Interactive testing of covered material with quizzes
- Competition on simulation of investment portfolio construction.

### Assessment

**Written and project work:** written exam with theoretical review questions and numerical exercises

**Assessment language:** English

**Evaluation criteria and criteria for awarding marks:**

Final mark from exam assessment (100%)

Relevant for exam assessment: ability to solve corporate finance problems such as cost of capital, portfolio investment issues and companies’ valuation with the help of Microsoft Excel software.
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