

# Course title: **Corporate finance and Financial Analysis**

Studies: Economics

## Course description form (syllabus form)

General data						
Cycle of studies	2024-2027					
Organizational unit	Faculty of Economic Sciences					
Studies	Economics, first-cycle studies					
The profile of education	general academic					
Semester	03					
Mode of studies	full-time					
Type of course	Lecture	Practical session	Laboratory	Conversatorium	Seminar	Project
Number of hours	30	30				
Number of ECTS	5					
Examination	Exam					
Language	English					
Content author	PhD Agnieszka Strzelecka					
Course objectives						
The course aims to introduce students to the various sources of enterprise financing and their classification, working capital management, criteria for evaluating an enterprise, capital structure, enterprise value, leverage effect in enterprise operations, and principles of investment decision-making. The course also aims to familiarize students with the terminology, methods, and tools used in the financial analysis of enterprises. It also aims to deepen theoretical knowledge and develop practical skills in using financial analysis tools.						
Prerequisites						
Knowledge of the basics of finance and mathematics.						
Student workload						
<ol style="list-style-type: none"> <li>1. Class sessions (including assessment and examination) - 60 hours</li> <li>2. Reading literature for classes - 17 hours</li> <li>3. Preparation for classes – 16 hours</li> <li>4. Preparing assignments - 13 hours</li> <li>5. Exam/Assessment preparation - 17 hours</li> <li>6. Consultations - 2 hours</li> </ol>						
TOTAL: 125 hours (5 ECTS)						
Short description						
Assets and sources of their funding. Preliminary analysis of a company's financial statements. Working capital management. Ratio-based financial analysis of a company. Systems and methods for assessing a deteriorating financial condition of a company. Evaluation of the structure and cost of capital. Leverage effect in company. Investment decision-making principles. Time value of money calculation as the basis for making financial and investment decisions. Valuation methods for businesses.						
Learning outcomes						
<p>KNOWLEDGE:</p> <p>W01. Participants know the concepts relevant to corporate finance and financial analysis. (IB1_W01, IB1_W04)</p> <p>W02. Participants have the knowledge necessary to understand the consequences of decisions in the area of corporate finance. (IB1_W01)</p> <p>SKILLS:</p> <p>U01. Participants are able to evaluate the financing structure of the company's assets. (IB1_U01)</p> <p>U02. Participants are able to evaluate the company based on the adopted criteria and use this evaluation to propose specific solutions for the company's financial activities. (IB1_U01, IB1_U02, IB1_U03)</p> <p>COMPETENCIES:</p> <p>K01. Participants are prepared to evaluate their knowledge about corporate finance. (IB1_K01)</p> <p>K02. Participant are ready to work in a group and anticipate the multi-directional social consequences of his decisions. (IB1_K02)</p>						
Form of verification						
Lecture: Exam						
Practical session: Graded credit						
Detailed data						
Lecture: Exam (written test)						
Practical session: Graded credit (written test, task to solve)						
Bibliography						
<p><b>Bibliography:</b></p> <p>1. R. A. Brealey, S. C. Myers, F. Allen, <i>Principles of Corporate Finance</i>, 13th Edition, McGraw-Hill, 2023.</p> <p><b>Supplementary:</b></p> <p>1. I. Dębski, <i>Economics of finance : agency problem and risk in corporate finance</i>, Oficyna Wydawnicza SGH, Warszawa 2015.</p> <p>2. D. Zawadzka, A. Strzelecka, E. Szafraniec-Siluta, <i>Debt as a Source of Financial Energy of the Farm—What Causes the Use of External Capital in Financing Agricultural Activity? A Model Approach</i>, <i>Energies</i> 2021; 14(14):4124. <a href="https://doi.org/10.3390/en14144124">https://doi.org/10.3390/en14144124</a>.</p> <p>3. A. Strzelecka, D. Zawadzka, <i>Does Production Specialization Have an Impact on the Financial Efficiency of Very Small Farms?</i>, <i>Proceedings of the 36th International Business Information Management Association (IBIMA)</i>, ISBN: 978-0-9998551-5-7, 4-5 November 2020, Granada,</p>						

Spain, pp. 573-584.

4. A. Strzelecka, D. Zawadzka, *Cost Effectiveness of Production - A Comparative Approach by Type of Production*, Annals of the Polish Association of Agricultural and Agribusiness Economists (Annals PAAAE), vol. XXI(2), (2019), pp. 266-274, doi: 10.5604/01.3001.0013.2136.

5. E. Szafraniec-Siluta, R. Ardan, A. Strzelecka, D. Zawadzka, *Application of factor analysis to reduce the dimensionality of the determinants of equity capital return on European Union farms*, Proceedings of the 27th International Conference on Knowledge Based and Intelligent Information and Engineering Systems (KES 2023), Procedia Computer Science, 2023, vol. 225, s.4433-4442. DOI:10.1016/j.procs.2023.10.441.

6. E. Szafraniec-Siluta, A. Strzelecka, R. Ardan, D. Zawadzka, *Determinants of Financial Security of European Union Farms—A Factor Analysis Model Approach*. Agriculture 2024, 14, 119.

#### Range of content

- 1) Assets and sources of their funding.
- 2) Preliminary analysis of a company's financial statements.
- 3) Working capital management.
- 4) Ratio-based financial analysis of a company.
- 5) Systems and methods for assessing a deteriorating financial condition of a company.
- 6) Evaluation of the structure and cost of capital.
- 7) Leverage effect in company.
- 8) Investment decision-making principles.
- 9) Time value of money calculation as the basis for making financial and investment decisions.
- 10) Valuation methods for businesses.

#### Didactic methods

##### Lecture:

1. Lecture using audiovisual means.
2. Own work with literature.
3. Group discussion.
4. Quizizz.

##### Practical session:

1. Analysis of literature and data sources.
2. Problem solving.
3. Case studies.
4. Discussion.
5. Working with a spreadsheet.
6. Quizizz.

#### Assessment methods and assessment criteria

##### Lecture:

1. Observation and evaluation of activity. (U01, U02, K01)
2. Written test. (W01, W02)

The final grade is determined by the sum of points for: tests and activity in class.

Grading scale: 55% = 3.0; 90% = 5.0.

##### Practical session:

1. Observation and evaluation of activity. (U01, U02, K01)
2. Written test. (W01, W02, U01, U02)
3. Problem solving and case studies. (W01, W02, U01, U02, K01, K02)

The final grade is determined by the sum of points for: tests, project and activity in class.

Grading scale: 55% = 3.0; 95% = 5.0.