COURSE DESCRIPTION
Economic and Financial Analysis
Academic year 2026-2027

1. Programme-related data

1.1. Higher Education Institution	Babeș-Bolyai University
1.2. Faculty	Business
1.3. Department	Business
1.4. Field	Business Administration
1.5. Level of study	Bachelor
1.6. Degree programme / Qualification	Business Administration (English)/Bachelor in Economic Studies
1.7. Form of education	Full time

2. Information regarding the discipline

2.1. Name of the discipline	Economic and Financial Analysis			Discipline code	ILE0026
2.2. Course coordinator	Professor Dr. Larissa-Margareta Bătrâncea				
2.3. Seminar coordinator	Professor Dr. Larissa-Margareta Bătrâncea				
2.4. Year of study	III	2.5. Semester	II	2.6. Type of assessment	Exam
2.7. Course status	Compulsory			2.8. Course type	Specialisation subject

3. Total estimated time (hours per semester of teaching activities)

3.1. Number of hours per week	4	of which: 3.2. course	2	3.3. seminar/ laboratory/ project	2
3.4. Total of hours in the curriculum	48	of which: 3.5. course	24	3.6. seminar/ laboratory	24
Time allocation for individual study (IS) and self-taught activities (ST)					**hours**
Learning from textbooks, course materials, bibliography, and notes (IS)					30
Additional research in the library, on subject-specific electronic platforms, and on-site					30
Preparing seminars/ laboratories/ projects, assignments, reports, portfolios, and essays					30
Tutoring (professional guidance)					2
Examinations					2
Other activities					8
3.7. Total hours of individual study (IS) and self-taught activities (ST)	**102**				
3.8. Total hours per semester	**150**				
3.9. Number of credits	**6**				

4. Prerequisites (where applicable)

4.1. curriculum-related	The course requires knowledge of basic notions provided by the disciplines Corporate Finance and Financial Accounting studied in year II of the bachelor study cycle.
4.2 skills-related	Not applicable.

5. Specific conditions (where applicable)

5.1. course-related	Lecture room with computer and beamer.
5.2. seminar/laboratory-related	Seminar room with computer and beamer.

6.1. Competencies resulting from the completion of the degree programme

Professional competencies	
Competency code	**Competency**
PC2	Providing assistance for running a company/an organisation as a whole
Transversal competencies	
Competency code	**Competency**
TC2	Identifying the roles and responsibilities in a multispecialty team and implementing various relational techniques and efficient teamwork

6.2. Learning outcomes relevant to the degree programme

Learning outcomes targeted by the subject		
Competency code	**Knowledge and comprehension**	**Specific academic skills**
PC2 TC2	1. The graduate has knowledge of accounting, processing, and analysing of economic and financial information required for an effective organisation and management of businesses.	1. The graduate has the necessary skills to use methods and techniques specific to the financial and accounting management of an enterprise as a whole, specialised software included.

7. Subject-specific learning outcomes

Knowledge and understanding
1. The graduate reads, understands and interprets the lines and key indicators in financial statements. Extracts the most important information from financial statements according to needs and integrates this information into the development of department plans (interprets financial statements).
Specific academic skills
1. Based on accounts, ledgers, financial statements and external market information, the graduate analyses the financial performance of the enterprise to identify improvement actions that could increase profit (analyzes the financial performance of a company).
2. The graduate identifies the quantifiable measures that a company or sector uses to measure or compare performance in achieving operational and strategic objectives, using pre-established performance indicators (identifies key performance indicators).

8. Contents

8.1. Course	Teaching and learning methods	Remarks
1. Economic and financial analysis – methodological approaches • Models of analysis • Decomposing into factors • Order of phenomena evolution • Quantitative and qualitative factors	interactive discussion, questioning, heuristic conversation	1 lecture
2. Microeconomic analysis system • Components of the microeconomic analyses system • Types of of microeconomic analysis • Specificity of microeconomic analysis • Stages and content of the analysis process	interactive discussion, questioning, heuristic conversation	1 lecture
3. Methodology of company's economic and financial analysis	interactive discussion, questioning, heuristic conversation	1 lecture

• Method of isolated determination • Substitution method • Coefficients distribution method • Matrix method • Balance method		
4. Methodology of company's economic and financial analysis • Relative substitution method • Indices method • Index logging method • Relative balance method • Regression analysis method • Production functions method	interactive discussion, questioning, heuristic conversation	1 lecture
5. Analysis of company's financial position • Balance sheet • Analysing the evolution of financial position by determining chain-based indices	interactive discussion, questioning, heuristic conversation	1 lecture
6. Analysis of the entity's financial position • Structure ratios • Comparing results with average values corresponding to different industries and with safety intervals	interactive discussion, questioning, heuristic conversation	1 lecture
7. Financial analysis of asset management • Assets turnover ratios • Treasury excess/deficit • Dynamic model of inventories turnover ratios	interactive discussion, questioning, heuristic conversation	1 lecture
8. Financial analysis of resource management • Liabilities turnover ratios • Treasury excess/deficit • Comparison with assets turnover ratios	interactive discussion, questioning, heuristic conversation	1 lecture
9. Analysis of financial equilibrium and of working capital • Liquidity • Solvency • Working capital analysis	interactive discussion, questioning, heuristic conversation	1 lecture
10. Analysis of financial performance • Income statement • Vertical and horizontal analysis • Structure ratios • Return ratios	interactive discussion, questioning, heuristic conversation	1 lecture
11. Cash flow analysis • Cash flow statement • Direct method of determining cash flows on three types of activities • Indirect method of determining cash flows on the three types of activities • Interpreting total and activity-based excess/deficit	interactive discussion, questioning, heuristic conversation	1 lecture
12. Bankruptcy risk analysis • Statistical models • Banking models	interactive discussion, questioning, heuristic conversation	1 lecture

Bibliography
1. Bătrâncea L. (2021). *Economic and Financial Analysis Coursebook*. Cluj-Napoca: Risoprint. 2. Bătrâncea I., Bătrâncea L.M., Moscviciov A., & Nichita A. (2012). *Financial Statements Analysis*. Cluj-Napoca: Risoprint. 3. Berk, J., & DeMarzo, P. (2019). *Corporate Finance*, Global Edition, 5th Edition. Harlow: Pearson Education Limited. 4. Bernstein, L.A., & Wild, J.J. (2000). *Analysis of Financial Statements*. New York: McGraw-Hill. 5. Damodaran, A. (2022). *Applied Corporate Finance*, 4th Edition. Hoboken: John Wiley & Sons. 6. Ehrhardt, M., Fox, R., & Brigham, E. (2019). *Financial Management EMEA: Theory and Practice*, 2nd Edition. Boston: Cengage Learning. 7. Elliot, A., & Elliot, J. (2002). *Financial Accounting & Reporting*. Harlow: Pearson Education Limited. 8. Friedlob, G.T., & Schleifer, L.L.F. (2003). *Essentials of Financial Analysis*. Hoboken: John Wiley & Sons. 9. Peterson Drake, P., & Fabozzi, F.J. (2013). *Analysis of Financial Statements*, 3rd Edition. Hoboken: John Wiley & Sons. 10. Robinson, T.R., Henry, E., Pirie, W.L., Broihahn, M., & Cope, A.T. (2012). *International Financial Statement Analysis*, 2nd edition. Hoboken: John Wiley & Sons. 11. Weaver, S.C. (2012). *The Essentials of Financial Analysis*. New York: McGraw-Hill.

8.2. Seminar/ laboratory	Teaching and learning methods	Remarks
1. Economic and financial analysis – methodological approaches	exercise	1 seminar
2. Microeconomic analysis system	exercise	1 seminar
3. Methodology of company's economic and financial analysis	exercise	2 seminars
4. Analysis of company's financial position	exercise	2 seminars
5. Financial analysis of asset management	exercise	1 seminar
6. Financial analysis of resource management	exercise	1 seminar
7. Analysis of financial equilibrium	exercise	1 seminar
8. Analysis of financial performance	exercise	1 seminar
9. Cash flow analysis	exercise	1 seminar
10. Bankruptcy risk analysis	exercise	1 seminar

Bibliography
1. Bătrâncea L. (2021). *Economic and Financial Analysis Coursebook*. Cluj-Napoca: Risoprint. 2. Bătrâncea I., Bătrâncea L.M., Moscviciov A., & Nichita A. (2012). *Financial Statements Analysis*. Cluj-Napoca: Risoprint. 3. Berk, J., & DeMarzo, P. (2019). *Corporate Finance, Global Edition*, 5th Edition. Harlow: Pearson Education Limited. 4. Bernstein, L.A., & Wild, J.J. (2000). *Analysis of Financial Statements*. New York: McGraw-Hill. 5. Damodaran, A. (2022). *Applied Corporate Finance*, 4th Edition. Hoboken: John Wiley & Sons. 6. Ehrhardt, M., Fox, R., & Brigham, E. (2019). *Financial Management EMEA: Theory and Practice*, 2nd Edition. Boston: Cengage Learning. 7. Elliot, A., & Elliot, J. (2002). *Financial Accounting & Reporting*. Harlow: Pearson Education Limited. 8. Friedlob, G.T., & Schleifer, L.L.F. (2003). *Essentials of Financial Analysis*. Hoboken: John Wiley & Sons. 9. Peterson Drake, P., & Fabozzi, F.J. (2013). *Analysis of Financial Statements*, 3rd Edition. Hoboken: John Wiley & Sons. 10. Robinson, T.R., Henry, E., Pirie, W.L., Broihahn, M., & Cope, A.T. (2012). *International Financial Statement Analysis*, 2nd edition. Hoboken: John Wiley & Sons. 11. Weaver, S.C. (2012). *The Essentials of Financial Analysis*. New York: McGraw-Hill.

9. Evaluation

- **The same evaluation criteria are maintained for all exams sessions. The components of the evaluation process carried out during the semester cannot be recovered/redone in the examination sessions.**
- **To be able to accumulate the points obtained during the semester, it is mandatory to obtain a minimum of 5 (five) in the final exam (written/oral).**

Type of activity	9.1 Evaluation criteria	9.2 Evaluation methods	9.3 Percentage in the final grade
9.4. Course	Correctly applying the concepts acquired	Written exam in the session	60%
	Interpreting the results		
9.5. Seminar/ laboratory	Capacity of applying the concepts acquired	Project and bonus points obtained during the semester	40%
	Interest for individual training and seriousness in approaching problems		
9.6 Minimum standard for passing			
• Knowledge of basic notions and their application to practical situations • Interpretation of the results			

10. SDG labels (Sustainable Development Goals)

	●	Sustainable Development Generic Label						
1 FĂRĂ SĂRĂCIE	2 FOAMETE „ZERO"	3 SĂNĂTATE ȘI BUNĂSTARE	4 EDUCAȚIE DE CALITATE	5 EGALITATE DE GEN	6 APĂ CURATĂ ȘI SANITAȚIE	7 ENERGIE CURATĂ ȘI LA PREȚURI ACCESIBILE	8 MUNCĂ DECENTĂ ȘI CREȘTERE ECONOMICĂ	9 INDUSTRIE, INOVAȚIE ȘI INFRASTRUCTURĂ
○	○	○	○	○	○	○	○	○
10 INEGALITĂȚI REDUSE	11 ORAȘE ȘI COMUNITĂȚI DURABILE	12 CONSUM ȘI PRODUCȚIE RESPONSABILE	13 ACȚIUNE CLIMATICĂ	14 VIAȚA ACVATICĂ	15 VIAȚA TERESTRĂ	16 PACE, JUSTIȚIE ȘI INSTITUȚII EFICIENTE	17 PARTENERIATE PENTRU REALIZAREA OBIECTIVELOR	Nu se aplică nici o etichetă
○	○	●	○	○	○	○	●	○

Date of entry:	Signature of course coordinator	Signature of seminar coordinator
22.05.2026	Prof. Dr. Larissa-Margareta Bătrâncea	Prof. Dr. Larissa-Margareta Bătrâncea

Date of approval in the department:	Signature of the head of department
27.05.2026	Prof. Ioan Cristian CHIFU, PhD