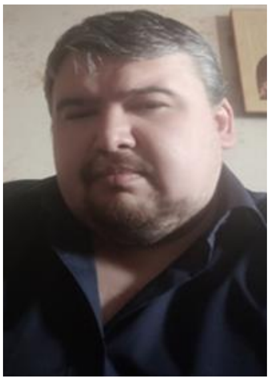
Syllabus
Course Program

Due Diligence

Specialty	**Institute** Institute of Education and Science in Economics, Management and International Business
Specialization	**Department** Accounting and Finance (205)
Educational program	**Course type** Optional
Level of education Second (master's level)	**Form of study** Full-time
Semester 2	**Language of instruction** English

Lecturers and course developers



Serhii Aloshyn
PhD in Economic Sciences, Associate Professor, Associate Professor of Department of Accounting and Finance

15 years of work experience.
Author and co-author of over 60 scientific and methodological publications.
Leading lecturer in the disciplines: "Tax Analysis," "Financial Monitoring."

More about the lecturer on the department's website.

General information

Summary

Developing students' theoretical knowledge and practical skills in organizing and conducting due diligence procedures in the domestic business environment.

Course objectives and goals

To develop the necessary level of knowledge regarding scientifically sound methodological foundations for conducting due diligence procedures in domestic business entities; the ability to use basic categories and the latest concepts and methods for diagnosing business systems in modern economic conditions.

Format of classes

Lectures, practical classes, consultations, independent work. Individual assignment in the form of a test. Final assessment – differentiated grading.

Competencies

Ability to think abstractly, analyze, and synthesize
Ability to identify, state, and solve problems.
Ability to make informed decisions.
Ability to use the fundamental laws of development of finance, banking, and insurance in combination with research and management tools for professional and academic activities.
Ability to use theoretical and methodological tools to assess and model financial activities.
Ability to apply management skills in finance, banking, and insurance.
Ability to apply interdisciplinary approaches to solving complex problems in finance, banking, and insurance.
The ability to search, use, and interpret information is necessary for solving professional and academic problems in finance, banking, and insurance.

Learning outcomes

To apply fundamental laws of finance, banking, and insurance development in combination with research and management tools for professional and academic activities.
To adapt and modify existing academic approaches and methods to specific situations that occur during work.
To search, process, systematize, and analyze information necessary for solving professional and academic problems in finance, banking, and insurance.
To present research results in an accessible and reasoned manner orally and in writing, to participate in professional discussions.
To identify and model the financial activities of business entities.
To apply in-depth knowledge in financial, banking, and insurance management decision-making.

Student workload

The total amount of the discipline is 120 hours (4 ECTS credits): lectures - 32 hours, practical classes - 16 hours, independent work - 72 hours

Course prerequisites

The discipline is based on academic disciplines in the field of knowledge D "Business, Administration, and Law."

Features of the course, teaching and learning methods, and technologies

Interactive lectures with presentations, discussions, workshops, individual and team work, research work, work with literature and information sources, problem-based learning.

Program of the course

Academic classes

Lectures

Topics of the lectures	Hours
Topic 1. **Basic concepts of business as an object of valuation** Conceptual principles of business valuation. Features of business as an object of valuation. Types of value determined during valuation. Factors affecting the value of a business. Approaches and methods used for business valuation.	4
Topic 2. **Business project as an object of analysis** The essence and types of investments. A project as a form of investment implementation: essence, characteristics, parameters. Classification criteria and types of business projects. Project environment. Project participants.	2

Topic 3. **Risk assessment in the analysis of investment business projects** The essence of risk, basic approaches to its interpretation. Classification of investment project risks. Basic methods for assessing investment project risks. Environmental insurance.	4
Topic 4. **Theoretical foundations of the Due Diligence procedure** Conceptual goal, object, subject, and tasks of due diligence. Structure, content, and stages of general due diligence. Features of planning and implementing the general due diligence procedure.	4
Topic 5 **Information support for due diligence** The essence of information support for the Due Diligence procedure. Accounting and information support for Due Diligence.	2
Topic 6 **Financial Due Diligence: Components and Verification Procedure** Scientific and theoretical foundations of financial due diligence. Regulatory and legal basis of financial due diligence. Information and analytical support for financial due diligence. Documentation of financial due diligence results.	6
Topic 7 **Tax Due Diligence: Components and Verification Procedure** Tax Due Diligence: concept, essence, and objectives. Methodological basis for conducting Tax Due Diligence. Legal framework for organizing Tax Due Diligence in Ukraine. International component of Tax Due Diligence.	4
Topic 8 **Legal Due Diligence: Components and Verification Procedure** Legal Due Diligence: concept, essence, and objectives. Features of planning and implementing the Legal Due Diligence procedure.	2
Topic 9 **Technological Due Diligence: features of implementation** The essence and purpose of Technological Due Diligence. Stages of Technological Due Diligence. The economic component of the Technological Due Diligence procedure.	2
Topic 10 **Strategic business performance measurement systems** The role of strategic measurement systems in business. Balanced Scorecard (BSC). Bankruptcy prediction models.	2
Total hours	**32**

Workshops

If applicable

Topics for workshops/seminars	Hours	Weighting coefficients *a*
Topic 1. **Basic concepts of business as an object of valuation** Analysis of factors determining business value using practical case studies. Practical study of methods for evaluating business assets.	2	0,19
Topic 2. **Business project as an object of analysis** Analysis of business project components using practical case studies	1	0,09
Topic 3. **Risk assessment in the analysis of investment business projects** Practical study of methods for assessing investment risks	2	0,19
Topic 4. **Theoretical foundations of the due diligence procedure**	1	0,09

Determining the algorithm for conducting due diligence using a hypothetical example		
Topic 5. **Information support for due diligence** Formation of an information base for conducting due diligence in accordance with the terms of the example	1	0,09
Topic 6. **Financial Due Diligence: Components and Verification Procedure** Diagnosis of financial indicators of a business asset using a hypothetical example	3	0,28
Topic 7. **Tax Due Diligence: Components and Verification Procedure** Study of practical components of Tax Due Diligence using practical case studies	2	0,19
Topic 8. **Legal Due Diligence: Components and Verification Procedure** Study of practical components of Legal Due Diligence using practical cases	1	0,09
Topic 9. **Technological Due Diligence: features of implementation** Analysis of the economic component of Technological Due Diligence using hypothetical examples	1	0,10
Topic 10. **Strategic business performance measurement systems** Practical study of bankruptcy prediction models using hypothetical examples	2	0,19
Total hours	**16**	$\sum_{i=1}^{n} a_i$=1,5

Laboratory classes

Laboratory classes are not provided for.

Control works

Topics for control works	Weighting coefficients b
Topic. Assessment of tax risks of business assets	1
Total	$\sum_{i=1}^{m} b_i = 1$

Self-study

Independent work includes independent study of theoretical material and completion of individual assignments (control work).

Work on theoretical materials

Topics for self-study	Hours
1. Theoretical principles of asset and property valuation	4
2. Theoretical foundations of investing	4
3. Investment risk management: features of risk analysis and assessment in an investment project	4
4. Theoretical foundations of the due diligence procedure	4
5. Accounting and information support for due diligence	2
6. Scientific and theoretical foundations of financial due diligence	6
7. Tax risks and their impact on the economic security of an enterprise	4
8. Legal Due Diligence: Components and Verification Procedure	4
9. The technological component of business value: assessment and potential risks	2
10. The role of strategic measurement systems in business	2
Total hours	**36**

Topics for individual assignments

To write the theoretical part, students choose a topic by number from the list of academic groups. Duplication of topics is not allowed when preparing the theoretical part. Students have the right to change the topic of their work from the proposed list in agreement with the teacher.

The theoretical part accounts for 30-40 percent of the total volume of work.

The practical part includes practical tasks. They should be performed using the methodological materials provided in the methodological guidelines for completing the individual assignment.

The individual assignment must be formatted in accordance with the requirements. The assignment is completed during the academic weeks and submitted for review during the exam week.

Topics for individual assignments	
Topic 1. Methodological foundations for assessing the value of business assets	
Topic 2. Investment project risk management	
Topic 3. Structure, content, and stages of General Due Diligence	
Topic 4. Scientific and theoretical foundations of financial due diligence	
Topic 5. Integration plan as part of General Due Diligence	
Topic 6. Tax risks of business assets	
Topic 7. Methodological basis for conducting Tax Due Diligence	
Topic 8. Legal Due Diligence: concept, essence, and objectives	
Topic 9. Bankruptcy prediction models	
Topic 10. Contents and stages of General Due Diligence	
Total hours	**36**

Non-formal education

Not provided

Literature, training materials, and information resources

Main literature

1. American Bar Association. International M&A due diligence. 2nd ed. Chicago : American Bar Association, 2020. 350 p.
2. Clark Boardman Callaghan. Due diligence - periodic reports and securities offerings. 2024–2025 ed. New York : Thomson Reuters, 2024. 1 200 p.
3. De Schutter, O. Due diligence obligations in international human rights law. Cambridge : Cambridge University Press, 2021. 494 p. URL: https://assets.cambridge.org/97811088/41733/frontmatter/9781108841733_frontmatter.pdf
4 Chatterjee, B. D. A practical guide to financial due diligence. New Delhi : Bloomsbury Professional India, 2020. 412 p.
5. Blokdyk, G. Financial due diligence: A complete guide. New York : 5STARCooks, 2020. 298 p.
6. Blokdyk, G. Vendor due diligence: A complete guide. New York : 5STARCooks, 2021. 314 p.
7. Regulatory Affairs Professionals Society (RAPS). Introduction to the due diligence process. 2nd ed. Rockville, MD : RAPS Publishing, 2020. 256 p.
8. LexisNexis. The new era of due diligence [E-book]. New York : LexisNexis Risk Solutions, 2023. 112 p.
9. Dealroom / Industry Compilations. Top recommended reading for M&A and due diligence [Report/reading list]. 2024–2025 ed. Amsterdam : Dealroom, 2024. 48 p.
10. Coulon, Y. Small business valuation methods: How to evaluate small, privately-owned businesses. Cham : Palgrave Macmillan, 2022. 312 p. DOI: https://doi.org/10.1007/978-3-030-89719-2

Additional literature

1. Brusov, P., Filatova, T. Business valuation and company value: New qualitative approaches considering business and financial risks. Cham : Springer, 2025. 368 p. DOI: https://doi.org/10.1007/978-3-031-90847-7
2. Karlsen, C., Webber, S. A field guide to business valuation. Oviedo, FL : Business Valuation Resources, 2022. 420 p. URL: https://www.bvresources.com/products/a-field-guide-to-business-valuation
3. Hawkins, G. B., Paschall, M. A. Business valuation guide, 2022. Chicago : CCH Incorporated, 2023. 512 p.
4. Orosz, J. A beginner's guide to business valuation: Lessons learned from 20 years in the trenches. London : Morgan & Westfield, 2022. 368 p. URL: https://morganandwestfield.com/books/a-beginners-guide-to-business-valuation
5. Bodie, Z., Kane, A., & Marcus, A. J. Investments (12th ed.). New York: McGraw-Hill Education, 2021. 800 p.

Grading system

Current grades and successes of a higher education applicant are determined using the criteria and system for assessing the knowledge and skills of applicants, which is used in NTU “KhPI” by the regulation “On the criteria and system for assessing knowledge and skills and on the rating of higher education applicants” of NTU “KhPI”.
The grade for the educational component is determined by the responsible lecturer for topics, types of classes, etc. in accordance with the syllabus and is an integral assessment of the results of all types of educational activities of a higher education applicant. Current control is carried out during practical classes, as well as control works. Final control is carried out according to the results of differentiated grading or as a result of accumulating grades on individual topics in the event that the applicant performs all types of current control measures. Under the conditions of the applicant's performance of the test work on the academic discipline at the test event, but in the absence of the results of the current control (practical classes), the applicant cannot be certified in the academic discipline until he liquidates his current debt. The estimated value in the quantitative form of the final assessment is determined by the formula:

$$O = \Sigma(Ki \times Oi) / \Sigma Ki$$

where Ki – number of credits of the i-th type of classes; Oi – quantitative assessment (points) of the i-th type of classes.
Distribution of credits by types of classes in the discipline

Types of classes	Number of credits (Ki)
Practical work	1,5
Control work	1,0
Individual assignment	1,5

Evaluation of each type of class (Oi) is carried out on a 100-point scale

Grading scale

Total points	National	ECTS
90–100	Excellent	A
82–89	Good	B
75–81	Good	C
64–74	Satisfactory	D
60–63	Satisfactory	E
35–59	Unsatisfactory (requires additional learning)	FX
1–34	Unsatisfactory (requires repetition of the course)	F

Norms of academic integrity and course policy

Students must adhere to the Code of Ethics of Academic Relations and Integrity of NTU "KhPI": to demonstrate discipline, good manners, kindness, honesty, and responsibility. Conflict situations should be openly discussed in academic groups with a lecturer, and if it is impossible to resolve the conflict, they should be brought to the attention of the Institute's management.
Regulatory and legal documents related to the implementation of the principles of academic integrity at NTU "KhPI" are available on the website: http://blogs.kpi.kharkov.ua/v2/nv/akademichna-dobrochesnist/

Approval

Approved by	30.08.2025	**Head of the department** Oleksandr MANOYLENKO