



Syllabus Course Program



Investment banking

Specialty

072 – Finance, banking, insurance and stock market

Educational program

Finance and Banking

Level of education

Master's degree

Semester

2

Institute

Institute of Computer Modeling, Applied Physics and Mathematics

Department

Accounting and finance (205)

Course type

Elective discipline

Language of instruction

English

Lecturers and course developers



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Candidate of Economic Sciences, Associate Professor, Associate Professor of the Department of Accounting and Finance (NTU "KhPI")

The author of more than 40 scientific and educational and methodical publications. Leading lecturer on the courses: "Banks and Banking", "International Banking", "Bank Management".

General information, number of publications, main courses, etc. <https://web.kpi.kharkov.ua/acctfin/pro-kafedru/professors-kovikladats-kij-sklad/>

General information

Summary

The discipline "Investment Banking" offers students an understanding of the main aspects of investment banking and its key roles in the financial system. The course provides students with the necessary knowledge about the functioning of the investment banking business. The course examines the role and functions of investment banks, important aspects of investment banking regulation and supervision, as well as international aspects of investment banking business and their impact on global financial markets.

Course objectives and goals

- formation of students' system of theoretical knowledge and practical skills in the field of investment banking business;
- assimilation of the conceptual apparatus of investment banking business;
- study of means of organization and development of investment banking business and its regulatory support;

- study of methods of effective regulation of investment banking business;
- acquisition of practical skills of analysis of the current state of investment banking business.

Format of classes

Lectures, practical classes, self-study, consultations. Final control - written assessment.

Competencies

GC1. Ability to abstract thinking, analysis and synthesis.

GC 3. Ability to conduct research at an appropriate level.

GC 6. Interpersonal skills

GC 08. Ability to search, process and analyze information from various sources.

SC1. The ability to use the fundamental patterns of development of finance, banking and insurance in combination with research and management tools to carry out professional and scientific activities.

SC7. Ability to search, use and interpret information necessary for solving professional and scientific tasks in the field of finance, banking and insurance.

Learning outcomes

PL01. To use the fundamental laws of the development of finance, banking and insurance in combination with research and management tools to carry out professional and scientific activities.

PL04. Search, process, systematize and analyze information necessary for solving professional and scientific tasks in the field of finance, banking and insurance

PL06. It is accessible and reasoned to present the results of research orally and in writing, to participate in professional discussions.

Student workload

The total scope of the discipline is 120 hours. (4 ECTS credits): lectures – 32 hours, practical activities – 16 hours, self-study – 72 hours

Course prerequisites

Banks and banking, Financial management.

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

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

Program of the course

Topics of the lectures

Topic 1. Genesis and development of banking

Evolution of banking. The essence of modern banking business

Topic 2. The essence of investments. Investment activity of the bank

Definition of investments. The value of investment activity for a commercial bank

Topic 3. The role and functions of investment banks in the modern economy

Investment banks. The influence of investment banks on the development of the country's economy.

Topic 4. Peculiarities of banks' investment operations

The essence and classification of investment banking operations

Topic 5. Financial markets and their impact on investment banking

Financial markets. The influence of financial markets on the development of investment banking

Topic 6. Financial instruments and their role in investment banking

Concepts and features of financial instruments. Types of financial instruments in investment banking

Topic 7. Investment lending. Bank loan as a form of investment lending

The essence and types of investment credit. Functions of a bank loan

Topic 8. Bank monitoring of investment credits

Content, principles and stages of organization of investment credit monitoring

Topic 9. Financial analysis and planning of investment projects

The essence of financial analysis of projects. Stages of investment project planning. Investment project evaluation methods used in bank investment lending

Topic 10. Management of investment activities of a commercial bank

The essence of managing investment activities of a commercial bank and its main methods

Topic 11. Investment portfolio of the bank

Concept and types of investment portfolio. The bank's investment portfolio management mechanism

Topic 12. Risk management strategies in investment banking

Concept and essence of investment risk. Approaches to the study and optimization of risk in investment banking business

Topic 13. Regulation of the bank's investment activity

Object of investment activity regulation. Types and methods of regulating the bank's investment activities

Topic 14. Financial innovations and their impact on investment banking

Financial innovations in the banking sector. The influence of Fintech and the market of banking services

Topic 15. International investment banking: features and challenges

Investment banking business at the international level. Experience of banks of developed countries in the field of investment activity

Topic 16. Modern trends and problems of banking investment

Prospects and problems of the development of modern banking investment

Topics of the workshops

Topic 1. Evolution of investment banking

Origins of banking. Investment activity of the bank

Topic 2. The role of investment banks and the peculiarities of banks' investment operations

Functions of investment banks. Types of bank investment operations.

Topic 3. Financial markets. The role of financial instruments in investment banking

The influence of financial instruments on the development of investment banking

Topic 4. Investment lending. Banking monitoring of investment credits

Essence and functions of investment credit. Monitoring of investment loans

Topic 5. Financial analysis and management of investment activities of a commercial bank

The essence of financial analysis of investment projects. Management of investment activities of the bank

Topic 6. The bank's investment portfolio and risk management

Management of the bank's investment portfolio. Optimization of risk in investment banking

Topic 7. Regulation of the bank's investment activities. Financial innovations in the banking sector

Methods of regulation of investment activities in the banking sector. Financial innovations.

Topic 8. International investment banking. Modern trends and problems of banking investment

Prospects and problems of the development of modern investment banking

Topics of the laboratory classes

Laboratory work is not provided within the discipline.

Self-study

The course involves the completion of an individual task on the problematic questions of the course. The result of writing the work is compiled into a written report and a presentation is prepared. Students are also recommended additional materials for independent study and analysis.

Course materials and recommended reading

1. Ozerchuk O. V. Management of the investment portfolio of banks in Ukraine: theoretical and applied aspects / Scientific works of the NDFI, 2019. No. 1 (86). P. 85-100.
2. Petruk A. O. Problems and prospects for the development of methods of regulation of investment activity of banks related to derivative financial instruments/ Problems of the theory and methodology of accounting, control and analysis, 2019. No. 2 (43). P. 61-64.

3. Sydorenko V. A. Theoretical and organizational principles of the formation and implementation of the bank's investment policy/ Bulletin of KhSU Economic Sciences Series. No. 37 (2020)
4. Dolinsky L. Financial levers of activation of credit and investment activity of banking institutions in Ukraine/ Problems and prospects of economy and management. 2019. No. 3. P. 321-329.
5. Ogorodnyk V. O. Peculiarities of banking investment activities in Ukraine / Economic space. 2020. No. 156. P. 202-205
6. Yu. O. Rusina Formation and implementation of investment policy of a commercial bank/ Formation of market relations in Ukraine. 2021. No. 3. P. 37-46.

Additional literature:

1. Prabhu J. J. A study and analysis of investment banking and regional development among European economies. Financial Markets, Institutions and Risks. 2021. No. 5(2). R. 107–113.
2. Oleksin G.O. The role of the investment banking institute in post-war economic recovery/ Economy and society Issue 53. 2023
3. Girchenko, T., Boyarko, I., Storozhenko, O., & Semenyuk, I. Ensuring the stability of economic development through the effective functioning of the banking sector/ Financial and Credit Activity Problems of Theory and Practice, 4(39), 35–49. 2021
4. Nakonechna, O., & Mykhailyk, O. FINTECH in the banking business: development features and potential opportunities / Entrepreneurship and Innovation, (23), 2022 108-119.
5. V. V. Kalusenko. Analysis of the investment portfolio of banks of Ukraine and its management strategy / V. V. Kalusenko / Collection of scientific works of the State Fiscal Service University of Ukraine, 2019. - No. 1. - P. 63-78.
6. Cherkasova S. V. Banking investment activity on the domestic stock market/ Entrepreneurship and trade. 2019. Issue 24. P. 51-58
7. Horodnichenko, Yu. V.; Kucherenko, M. A. Current state and ways to improve the efficiency of investment activities of domestic banks. /Economic Bulletin of the University Issue 52. Pereyaslav, 2022. P. 147-155

Assessment and grading

Criteria for assessment of student performance, and the final score structure

100% of the final grade consists of the assessment results in the form of:
 final control work - 40%;
 performance of an individual task - 30%;
 performance of the student's independent work on each of the passed topics of the discipline - 30%.
 The assessment is written and includes: 2 theoretical questions and 1 situational task.

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

The student 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

Date, signature

Head of the department
Oleksandr MANOYLENKO

Date, signature

Guarantor of the educational
program
Tatiana NAZAROVA

