



## Syllabus Course Program



# FINANCE

### Specialty

072 – Finance, banking, insurance and stock market

### Institute

Institute of Management Economics and International Business

### Educational program

Finance, banking and insurance

### Chair

Accounting and finance (205)

### Level of education

Bachelor's degree

### Type of discipline

Special (professional), Mandatory

### Semester

3,4

### Language of teaching

English

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## Lecturers and course developer



### Tetiana Nazarova

[Tetiana.Nazarova@khi.edu.ua](mailto:Tetiana.Nazarova@khi.edu.ua)

Candidate of Economic Sciences, Associate Professor, Associate Professor of the Department of Accounting and Finance (NTU "KhPI")  
The author of more than 50 scientific and educational and methodical publications. Leading lecturer on courses: "Finance", "Tax system", "Tax system"

[Learn more about the teacher on the department's website](#)

## General information

### Summary

The course is aimed at acquiring theoretical and methodological knowledge in the field of finance, mastering the laws of their development at the macro and micro levels, as the theoretical basis of financial policy and development of the financial system of Ukraine. It gives an idea of the mechanisms and organizational structures that ensure the functioning of the country's financial system, provides for the acquisition of skills in researching the theoretical foundations and practical implementation of the organization of finance at the micro level as the basic sphere of the financial system of Ukraine.

### Course objectives and goals

Formation of basic knowledge of the theory of finance, mastering the laws of their functioning at the macro and micro levels: to provide a correct understanding of the laws in the field of financial relations of the state, business entities and the population and to reveal ways to use these laws in the practice of financial work; to show possible directions of influence of finance on social progress and the role of finance in the economic restructuring of society on the way to the

development of market relations; to identify a set of measures that ensure the use of finance as one of the effective levers of the state's economic policy.

### **Format of classes**

[Lectures, practical classes, consultations. Course project. Final control - exam.]

### **Competences**

- GC01. Ability to think abstractly, analyze and synthesize.
- GC02. Ability to apply knowledge in practical situations.
- GC04. Ability to communicate in a foreign language.
- GC05. Skills in the use of information and communication technologies.
- GC06. Ability to conduct research at the appropriate level.
- GC07. Ability to learn and master modern knowledge.
- GC08: Ability to search, process and analyze information from various sources.
- GC09. Ability to be critical and self-critical.
- GC10. Ability to work in a team.
- GC11. Ability to communicate with representatives of other professions of groups of different levels (with experts from other fields of knowledge / types of economic activity).
- GC12 Ability to work autonomously.
- GC13. Ability to exercise their rights and responsibilities as a member of society, to realize the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine.
- GC14. The ability to preserve and enhance moral, cultural, scientific values and achievements of society based on an understanding of the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, technology and technology, to use various types and forms of physical activity for active recreation and healthy lifestyle.

- SC01. Ability to study trends in economic development using tools of macro- and microeconomic analysis, to assess current economic phenomena.
- SC02. Understanding of the peculiarities of the functioning of modern world and national financial systems and their structure.
- SC03. Ability to diagnose the state of financial systems (public finance, including budget and tax systems, finance of business entities, household finance, financial markets, banking system and insurance).
- SC04. Ability to apply economic and mathematical methods and models to solve financial problems
- SC05. Ability to apply knowledge of legislation in the field of monetary, fiscal and financial market regulation.
- SC07. Ability to prepare and analyze financial statements.
- SC06. Ability to apply modern information and software for obtaining and processing data in the field of finance, banking and insurance
- SC09. Ability to conduct effective communications.
- SC10. Ability to identify, justify and take responsibility for professional decisions.
- SC11. Ability to maintain an appropriate level of knowledge and constantly improve their professional training.

### **Learning outcomes**

- PL01. Know and understand economic categories, laws, cause and effect and functional relationships that exist between processes and phenomena at different levels of economic systems.
- PL02. To know and understand the theoretical foundations and principles of financial science, features of the functioning of financial systems.
- PL03. To determine the features of the functioning of modern world and national financial systems and their structure.
- PL 06. Apply appropriate economic and mathematical methods and models to solve financial problems.
- PL12. To use professional argumentation to convey information, ideas, problems and ways to solve them to specialists and non-specialists in the financial field of activity.
- PL 13. Possess general scientific and special methods of researching financial processes.
- PL 16. Apply the acquired theoretical knowledge to solve practical problems and interpret the results in a meaningful way.

PL 19. Demonstrate skills of independent work, flexible thinking, openness to new knowledge.

PL 20. Perform functional duties in a group, offer sound financial decisions.

PL21. To understand the requirements for activities in the specialty due to the need to ensure sustainable development of Ukraine, its strengthening as a democratic, social, legal state.

### **Student workload**

[The total volume of the discipline is 300 hours (10 ECTS credits): lectures - 64 hours, practical classes - 64 hours, independent work - 172 hours. ]

### **Course prerequisite**

[To successfully complete the course, you must have knowledge and practical skills in the following disciplines: "Economic Statistics", "Economic Theory", "Microeconomics" ]

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

[Lectures are conducted interactively with the use of multimedia technologies. Practical classes use situational analysis classes use situational analysis, focusing on the use of information technology in finance ]

### **Program of educational discipline**

#### **Topics of lectures**

##### **Topic 1: The subject of financial science as knowledge of the essence of finance**

Subject and purpose of studying the course "Finance". Historical nature of finance, its genesis. Finance as an economic category Financial categories, their essence and general characteristics Models of financial relations in society. Functions and role of finance.

##### **Topic 2. Genesis and evolution of finance.**

The historical nature of finance, its genesis. The concept of the financial system. The financial system of Ukraine.

Spheres and links of financial relations. Purpose and specific features of areas and links of the financial system Management of the financial system

##### **Topic 3. Formation and development of financial science.**

Historical background of financial science and its role in society. The essence and structure of financial science. Content of the system of financial scientific knowledge and tools of financial science. Development of financial science in the XV-XIX centuries. World financial science in the XX century.

##### **Topic 4. Financial law and financial policy.**

The essence of financial policy. Components and types of financial policy. Financial mechanism. Organizational and legal support of financial policy.

##### **Topic 5. Taxes. The tax system.**

The essence of taxes and their functions. Elements of the taxation system. Classification of taxes. The tax system

##### **Topic 6. The budget. Budget system**

The essence, purpose and structure of the state budget. Budget structure and budget system Budget system and budget process in Ukraine.

##### **Topic 7. Budget deficit.**

The essence and types of budget deficit. Sources of financing the budget deficit. Methods of limiting and ways to reduce the budget deficit.

##### **Topic 8. State credit.**

The economic essence of state credit. Forms of state credit. Classification of state credit and sources of its repayment. Public debt and its management in Ukraine.

##### **Topic 9. Local finance. Fiscal federalism and financial equalization.**

Local finance as part of the financial system of Ukraine. Composition and structure of the system of local budgets. Financial resources of local self-government. Planning and procedure for financing local budget expenditures. Interbudgetary relations, their components.

##### **Topic 10. Social extra-budgetary funds.**

The essence and classification of state trust funds. Pension Fund and legal basis of its functioning. Social insurance fund for temporary disability. Unemployment Insurance Fund. Social Insurance Fund for Accidents.

**Topic 11. Finances of business entities**

The essence and functions of enterprise finance. Financial relations of enterprises. Methods of organizing financial activities of enterprises. Financial resources of enterprises and sources of their formation. Formation of profit of enterprises.

**Topic 12: Household finances.**

The concept of a household and its functions. The essence and functions of household finances. Financial resources of households. Household budget, its structure. Household savings: types, motives and factors of formation.

**Topic 13. Insurance. Insurance market.**

The need and nature of insurance. Financial relations in the field of insurance. Forms and types of insurance. The insurance market.

**Topic 14: Financial market**

The essence and functions of the financial market. Structure of the financial market. Characteristics of financial market instruments. Subjects of the financial market.

**Theme 15: Financial management**

The essence of financial management. Objects and subjects of financial management. Principles of financial management. The purpose and main objectives of financial management. Functions of financial management and their importance. Organization of financial management at the enterprise. Financial mechanism. Financial strategy, financial policy and financial tactics.

**Topic 16. International finance**

The essence and functional purpose of international finance. International market mechanism of redistribution of financial resources and capital. International non-market redistribution of financial resources.

**Topic 17. Financial security.**

National security as a multi-level system. Economic security in the national security system of Ukraine. Financial security, its essence and place in the system of economic security. Indicators of financial security of Ukraine.

**Topic 18: Finances of countries with developed market economies.**

General characteristics of the finances of developed countries. Features of the functioning of private and corporate finance. Features of the functioning of the sphere of social protection of citizens. International financial organizations and institutions.

**Topic 19: Finances of the European Union.**

Monetary and financial convergence and features of the organization of European Union finance. Budget of the European Union. Budget strategy and budget process. Harmonization and unification of tax policy within the European Union. Currency integration. Common currency policy and the introduction of the euro. The main EU institutions and their role in the formation of a common financial policy

**Topics of practical classes**

**Topic 1: The essence and functions of finance**

Analysis of the structure and dynamics of GDP as an object of financial relations

**Theme 2: Genesis and evolution of finance.**

Analysis of the interrelationships of spheres and links of the financial system of Ukraine

**Theme 3. Formation and development of financial science.**

Development of financial science in the XV-XIX centuries. World financial science in the XX century.

**Topic 4. Financial policy and financial mechanism**

Analysis of the structure of the financial mechanism, the use of balance and normative methods of income distribution.

**Topic 5. Taxes. The tax system.**

Calculation of direct and indirect taxes levied in Ukraine

**Topic 6. The budget. The budget system**

Analysis of revenues and expenditures of the State Budget of Ukraine

**Topic 7. The budget. The budget system**

Analysis of revenues and expenditures of the State Budget of Ukraine.

**Topic 8. Budget deficit.**

Analysis of the deficit of the State Budget of Ukraine

**Topic 9. State credit.**

Analysis of external and internal debt of Ukraine

**Topic 10: Local finance. Fiscal federalism and financial equalization.**

Analysis of the composition of financial resources of local government. Analysis of the composition of local budgets.

**Topic 11. Social extra-budgetary funds.**

Analysis of sources of income and areas of expenditure of extra-budgetary funds

**Topic 12. Finances of business entities**

Calculation of income, expenses and financial results of business entities

**Topic 13: Household finances.**

Analysis of the state and structure of financial resources of households in Ukraine

**Topic 14. Insurance. Insurance market.**

Calculation of insurance compensation, insurance rates

**Topic 15. Financial market**

Analysis and evaluation of financial instruments of the financial market

**Topic 16. Financial management**

Organization of financial management at the enterprise. Financial mechanism.

**Theme 17. International finance**

Analysis of the international market mechanism for the redistribution of financial resources and capital

**Topic 18. Financial security.**

Analysis of indicators of financial security of Ukraine.

**Topic 19. Finances of countries with developed market economies.**

Analysis of the peculiarities of the functioning of private and corporate finance in developed economies.

**Topic 20: Finances of the European Union.**

Analysis of the peculiarities of budgeting and the budget process of the European Union

Topics of laboratory works

[Laboratory works within the discipline are not provided . ]

### **Self-study**

The course involves a course project devoted to the theoretical analysis of the research problem, supported by the analysis of statistical data on the activities of business entities at the micro and macro levels. The results of the theoretical and practical research are formalized in a written report, defended and evaluated according to the generally accepted system of student assessment. For independent study, students are provided with additional sources of information

## **Course materials and recommended reading**

Basic literature:

1. Bulakh I., Derkach T., Ilchuk M. Finance: an electronic manual. K.: Scientific and Methodological Center for Higher and Professional Higher Education, 2020. Access mode: <https://vukladach.pp.ua/MyWeb/manual/finansu/finance/Golovna/Golovna.htm>.
2. Finance: textbook / edited by S.I. Yuriy, V.M. Fedosov. 2nd ed. revised and supplemented. K. : Znannya, 2012. 687 p.
3. Finance: Study guide for lectures, practical (seminar) classes and independent work of students in the discipline "Finance" / Compiled by: Borysova IS, Krasnikova OM Poltava: Poltava State Agrarian Academy, 2020. 254 p.
4. Romanenko O.R. Finance. Textbook. K.: TSUL. 2022. 312 p.
5. Sheremet O.A. Finance for financiers. Textbook. K.: TSUL. 2019. 612 p.
6. Finances Methodical instructions for completing course work for students of the first (bachelor's) level of education, specialty 072 "Finance, banking and insurance" / Compiled by T.V. Pyatak - Kharkiv: NTU "KhPI", 2022. - 38 p.

#### Additional literature:

1. Budget Code of Ukraine of 01.01.2024 No. 2456-VI. Access mode: <https://zakon.rada.gov.ua/laws/show/2456-17#Text>.
2. Tax Code of Ukraine dated January 13, 2024 No. 2755-VI. Access mode: <https://zakon.rada.gov.ua/laws/show/2755-17#Text>
3. On State Regulation of Capital Markets and Organized Commodity Markets: Law of Ukraine dated 01.01.2024 No. 448/96-BP Accessed at: <https://zakon.rada.gov.ua/laws/show/448/96-вп#Text>
4. On Local Self-Government in Ukraine: Law of Ukraine of 10.12.2023 No. 280/97-VR. Access mode: <https://zakon.rada.gov.ua/laws/show/280/97-%D0%B2%D1%80>
5. On the National Securities and Stock Market Commission: Regulation approved by the Decree of the President of Ukraine of 07.07.2020 No. 1063/2011. Access mode: <https://zakon.rada.gov.ua/laws/show/1063/2011#Text>
6. On Amendments to Certain Legislative Acts of Ukraine on Improving the Functions of State Regulation of Financial Services Markets: Law of Ukraine dated 01.01.2024 No. 79-IX-VR Accessed at: <https://zakon.rada.gov.ua/laws/show/79-20#Text>
7. On insurance: Law of Ukraine of 01.01.2024 No. 1909-IX. Access mode: <https://zakon.rada.gov.ua/laws/show/1909-20#n2320>
8. Official website of the State Statistics Service of Ukraine: <https://www.ukrstat.gov.ua>
9. On the State Budget of Ukraine for the respective year: Law of Ukraine / Verkhovna Rada of Ukraine. URL: <https://zakon.rada.gov.ua/laws>.
10. Budget system: a textbook / I. V. Alekseev, N. B. Yaroshevych, I. Y. Kondrat, M. V. Livdar. Lviv: Lviv Polytechnic Publishing House, 2019. 400 cp
11. Nepran A.V. Insurance: a workshop / A.V. Nepran, I.E. Timchenko. Kharkiv: Ivanchenko I.S. Publishing House, 2019. 130 p.
12. Tax system: Study guide / edited by I. S. Volokhova, O. Y. Dubovyk. Kharkiv: Disa Plus Publishing House, 2019. - 402 p.

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

100% of the final grade consists of assessment results in the form of performance:

- current test and practical tasks - 40%;
- course project - 30%;
- presentation on the topic of the course project - 10%.
- final control work - 20%.

The exam is performed online and contains:

- 60 test tasks;
- a practical 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  
Marina SHEVCHENKO

