



## Syllabus Course Program



# BUDGET SYSTEM

**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**

4

**Language of teaching**

English

## Lecturers and course developer

**Tetiana Nazarova**

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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 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 based on theoretical and practical generalizations about the role of the budget in the system of reproduction and distribution of financial resources of the state, analysis of modern budgetary relations and identification of their shortcomings, modeling of normal and crisis financial situations. Upon completion of the course, the student should: understand the methods of budget planning, forecasting and control in budgetary institutions, methods of development and implementation of the state and local budgets, management decisions in the activities of budgetary institutions and conduct calculate budget indicators

### Course objectives and goals

The course is aimed at developing students' competence and providing them with knowledge of the theory and practice of budgetary system formation in terms of the essence of budgetary relations and the nature of their impact on society.

### Format of classes

Lectures, practical classes, consultations. 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.
- SC06. Ability to apply modern information and software for obtaining and processing data in the field of finance, banking and insurance.
- SC07. Ability to prepare and analyze financial statements.
- 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 monetary policy
- 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 04. To know the mechanism of functioning of public finance, including budget and tax systems, finance of business entities, household finance, financial markets, banking system and insurance.
- PL05. Possess methodological tools for diagnosing the state of financial systems (public finance, including budget and tax systems, finance of economic entities, household finance, financial markets, banking system and insurance).
- PL07. Understand the principles, methods and tools of state and market regulation of activities in the field of finance, banking and insurance.
- PL12. To use professional argumentation to convey information, ideas, problems and ways to solve them to specialists and non-specialists in the financial sector.
- 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. To demonstrate skills of independent work, flexible thinking, openness to new knowledge.
- PL 20. To perform functional duties in a group, to offer reasonable financial solutions.
- 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 scope of the discipline is 150 hours. (5 ECTS credits): lectures – 32 hours, practical activities – 32 hours, self-study – 86 hours. |

## Course prerequisite

"Finance, Macroeconomics, Microeconomics. |

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

Lectures are conducted interactively using multimedia technologies. Practical classes use a project-based approach to learning, game methods |

## Program of educational discipline

### Topics of lectures

#### Topic 1: The essence, purpose and role of the budget

Economic nature and essence of the budget. Purpose and role of the budget. Budget policy as a component of financial policy. The role of the budget in the financial and credit mechanism.

#### Topic 2 Budget as the main financial plan of the state

The essence and importance of the state budget as a financial plan. Budget as a schedule of revenues and expenditures. Budget planning and forecasting. Legal nature of the budget as a financial plan, its factors. Principles and methods of budget planning.

#### Topic 3. Budget deficit and sources of its financing

Budget deficit: concept, types and consequences. Concepts of budget balancing. Causes and sources of deficit financing.

#### Topic 4. Budgetary structure and construction of the budget system of Ukraine

Concept and basics of the budgetary system. Principles of the budgetary system. Budget system of Ukraine, its composition and structure.

#### Topic 5. Extrabudgetary relations and the system of budgetary equalization

Content of intergovernmental relations and features of their organization. The essence and state of financial equalization. Budget regulation, its goals and methods. Budget transfers and their types.

#### Topic 6. The system of budget revenues

Methods and sources of budget revenues. Composition and structure of budget revenues of Ukraine. Tax and non-tax budget revenues.

#### Topic 7. The system of budget expenditures

Composition and structure of budget expenditures of Ukraine. Economic essence of budget expenditures. Classification of budget expenditures. Budget financing.

#### Topic 8. Budget expenditures on economic activity of the state and science

Purpose and composition of expenditures on economic activity of the state. Budget expenditures on science.

#### Topic 9: Budget expenditures on social protection and social sphere

Composition of expenditures on social protection and social sphere. Basics of estimated financing. Budget expenditures on education. Budget expenditures on health care financing. Budget expenditures for financing cultural and educational institutions.

#### Topic 10. Budget expenditures for defense and administration

Budget expenditures to finance national defense. Budget expenditures to finance the administrative functions of the state.

#### Topic 11: Budget expenditures on public debt service

State credit as a specific form of financial relations. Factors and forms of state credit, their purpose. Public debt, its structure. Public debt servicing. Public debt management.

#### Topic 12: The country's budget in war-2: main priorities and risks

Sources of filling the country's budget in 2024. International financial assistance to Ukraine in 2024. Funds for the country's defense. Financial situation in the country in 2024.

## **.Topics of practical classes**

### **Topic 1: The essence, purpose and role of the budget**

Budget as an economic category. Economic nature and essence of the budget. Purpose and role of the budget. Budget policy as a component of financial policy. Purpose and structure of the budget mechanism. The role of the budget in the financial and credit mechanism.

### **Topic 2. Budget as the main financial plan of the state**

The essence and importance of the state budget as a financial plan. Budget as a schedule of revenues and expenditures. The concept of budget classification. Budget planning and forecasting. General and special funds of the budget. Legal nature of the budget as a financial plan, its factors. Principles and methods of budget planning.

### **Topic 3. Budget deficit and sources of its financing**

Budget deficit: concept, types and consequences. Concepts of budget balancing. Causes and sources of deficit coverage. Methods of limiting and ways to reduce the budget deficit.

### **Topic 4. Budgetary structure and construction of the budget system of Ukraine**

Concept and basics of the budgetary system. Principles of the budgetary system. Budget system of Ukraine, its composition and structure.

### **Topic 5. Interbudgetary relations and the system of budgetary equalization**

Content of intergovernmental relations and features of their organization. The essence and state of financial equalization. Budget regulation, its goals and methods. Budget transfers and their types.

### **Topic 6. The system of budget revenues**

Methods and sources of budget revenues. GDP as the basis of the budget revenue base. Composition and structure of budget revenues of Ukraine. Tax and non-tax budget revenues.

### **Topic 7. The system of budget expenditures**

Classification of budget expenditures. Composition and structure of budget expenditures of Ukraine. Budget financing. Economic essence of budget expenditures. Expenditures of the State Budget. Expenditures of local budgets. The system of budget financing.

### **Topic 8. Budget expenditures on economic activity of the state and science**

Purpose and composition of expenditures on economic activity of the state. Budget expenditures on science.

### **Topic 9: Budget expenditures on social protection and social sphere**

Composition of expenditures on social protection and social sphere. Basics of estimated financing. Budget expenditures on education. Budget expenditures on health care financing. Budget expenditures for financing cultural and educational institutions. Budget expenditures for financing physical culture and sports and youth policy.

### **Topic 10. Budget expenditures for defense and administration**

Budget expenditures to finance national defense. Budget expenditures to finance the administrative functions of the state.

### **Topic 11: Budget expenditures on public debt service**

State credit as a specific form of financial relations. Factors and forms of state credit, their purpose. Public debt, its structure. Public debt service. Public debt management.

## **Topics of laboratory works**

[Laboratory works within the discipline are not provided . ]

## **Self-study**

The course involves completing an individual calculation task, which contains theoretical and practical parts, where the student must demonstrate knowledge, correct understanding and ability to work with information sources, analyze digital data, independently express a personal point of view, summarize theoretical and practical material, draw conclusions and suggestions.

## Course materials and recommended reading

Basic literature:

1. Budget system: textbook / edited by Doctor of Economics, Professor V. Demianyshyn, Doctor of Economics, Professor O. Kyrylenko and Doctor of Economics, Professor Z. Lobodina. Ternopil: ZUNU, 2020. 624 p.
2. The budget system of Ukraine: a textbook in diagrams and tables / S. Kachula, H. Pavlova, L. Lysiak, O. Dobrovolsky. Lysiak, Dobrovolska O.V., Katan L.I. - Dnipro: Monolith, 2021. - 332 p.
3. Budget system: theoretical and practical aspects (in diagrams and tables): a textbook. Lviv: Rastr-7, 2020. 272 p.
4. Lunina I. O., Bondaruk T. G. Public finance and intergovernmental relations: a textbook. Kyiv : SE "Information and Analytical Agency", 2019. 304 p.
5. Budget system: textbook / I. Alekseev, N. Yaroshevych, I. Kondrat, M. Livdar - Lviv: Lviv Polytechnic Publishing House, 2019. 400 p.

Additional literature:

1. Nazarova T.Y., Shevchenko M.M., Tatarintseva Y.L.. Features of the budget and tax process under martial law. Bulletin of the National Technical University "KhPI" (economic sciences) - Kharkiv: NTU "KHPI". 2023. № 6. P. 45-51.
2. Budget Code of Ukraine. URL: <https://zakon.rada.gov.ua/laws/show/2456-17#n398> (accessed on 09.11.2023).
3. Features of the budget process at the local level in Ukraine under martial law. Transformation of the National Model of Financial and Credit Relations: Challenges of Globalization and Regional Aspects: Proceedings of the VII All-Ukrainian Scientific and Practical Conference (Uzhhorod, November 30, 2022). Uzhhorod : SHEI "UzhNU", 2022. P. 118-119.
4. Bey S.O. Implementation of the budget process in Ukraine during the war. International scientific journal "Grail of Science". 2022. URL: <https://decentralization.gov.ua>. (accessed 09.11.2023).
5. Draft Law of Ukraine on Amendments to the Law of Ukraine "On the State Budget of Ukraine for 2023" on Financial Support of the Security and Defense Sector and Addressing Priority Issues (Reg. No. 10038). URL: <https://itd.rada.gov.ua/billInfo/Bills/Card/42766> (accessed on 11.11.2023).

## Assessment and grading

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

100% of the final grade consists of the results of the assessment in the form of: a final test - 40%; completion of an individual calculation task - 30%; completion of independent work of the student on each of the topics covered in the discipline - 30%. The exam is written and includes: 2 theoretical tasks of different levels of complexity, and 1 case study.

### 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

