STATISTICS

COURSE SYLLABUS ABSTRACT

6-05-0311-02 Economics and management, 6-05-0411-02 Finance and credit, 6-05-1042-01 Transport logistics

6-05-0311-02 Economics and management	STUDY MODE
	full-time
Year	2
Semester	4
Lectures, hours	34
Practical classes, hours	34
Exam, semester	4
Contact hours	68
Independent study, hours	76
Total course duration in hours / credit units	144/4

6-05-0411-02 Finance and credit	STUDY MODE	
	full-time	part-time
Year	2	2
Semester	4	4
Lectures, hours	34	8
Laboratory classes, hours	34	8
In-class test (semester, hours)		4, 2
Exam, semester	4	4
Contact hours	68	18
Independent study, hours	76	126
Total course duration in hours / credit units	144/4	

6-05-1042-01 Transport logistics	STUDY MODE	
	full-time	part-time shortened
Year	2	2
Semester	4	3
Lectures, hours	34	8
Laboratory classes, hours	34	6
In-class test (semester, hours)		2, 3
Exam, semester	4	3
Contact hours	68	16
Independent study, hours	76	128
Total course duration in hours / credit units	144/4	

1. Course outline

The purpose of studying the discipline is to develop in students knowledge about the theoretical foundations of statistical science, practical skills in conducting statistical research and analyzing the results obtained, as well as acquiring theoretical knowledge and developing practical skills in the field of statistical study of socio-economic processes at the macro level using the methodology of national accounting as a statistical method.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know: principles and methods of organizing the receipt and processing of statistical data; the essence of generalizing indicators; methods of statistical data analysis; classification of economic entities and operations of a market economy; conceptual foundations of knowledge about the national accounting system according to the UN standard methodology; fundamentals of statistical methodology for balancing material and financial flows by stages of social production;

be able to: correctly form an array of initial statistical information; analyze the state and development of social phenomena using a system of statistical indicators; identify relationships and patterns in the development of socio-economic phenomena; assess the level and dynamics of economic performance indicators; calculate and analyze macroeconomic indicators of national accounts, population and labor resources, the efficiency of social production and the standard of living of the population;

have the skill of: conducting systemic and comparative analysis; applying an interdisciplinary approach to solving economic problems; using statistical data analysis methods; application of basic knowledge to solve theoretical and practical problems in the field of conducting statistical research and studying socio-economic processes at the macro level using the methodology of national accounting as a statistical method.

3. Competencies

6-05-0311-02: Operate with basic concepts and methods of statistics, apply statistical tools for quantitative assessment of mass socio-economic phenomena and processes, establish statistical patterns of their development.

6-05-0411-02: Operate with basic concepts and methods of statistics, apply statistical tools for quantitative assessment of mass socio-economic phenomena and processes, establish statistical patterns of their development.

6-05-1042-01:Know the basics of research activities, search, analyze and synthesize information; BPC-12 Know the basic methods of collecting, processing, analyzing and visually presenting statistical information at the macro and micro levels.

4. Requirements and forms of midcourse evaluation and summative assessment

When studying the discipline, a module-rating system for assessing students' knowledge is used. Intermediate control of progress provides an assessment of the performance of laboratory work. The form of current certification is an exam.