

## STATISTICAL OBSERVATION AND PRIMARY DATA PROCESSING

### **COURSE SYLLABUS ABSTRACT**

**Speciality** 6-05-0611-04 Electronic economy

**Concentration** Electronic Marketing

	STUDY MODE	
	full-time	part-time
Year	2	3
Semester	4	5
Lectures, hours	16	4
Practical classes, hours	16	4
Pass/fail, semester	4	5
Contact hours	32	8
Independent study, hours	76	100
Total course duration in hours / credit units	108 / 3	

#### **1. Course outline**

The subject and method of statistical science. Statistical observation. Grouping of statistical data. Statistical data distribution series. Statistical tables and graphs. The theory of a statistical indicator. Average values and indicators of variation. Series of dynamics of statistical indicators.

#### **2. Course learning outcomes:** upon completion of the course, students will be expected to

- know: the terminological base of statistical science; sources of statistical information; principles and methods of statistical data collection; basic operations of statistical data generalization; ways of visual presentation of statistical data; the essence of generalizing statistical indicators; methods of descriptive statistics and time series analysis;
- be able to: collect statistical information; generate arrays of initial statistical data; perform generalization and primary analysis of statistical data;
- to possess a skill: to apply the acquired knowledge to the analysis of processes and phenomena occurring in the economy and social sphere.

#### **3. Competencies**

Apply the basic methods, methods and means of obtaining, storing and primary processing of information.

#### **4. Requirements and forms of midcourse evaluation and summative assessment**

The module-based rating system is used. Mid-course evaluation: tests. Summative assessment: pass/fail.