

## **Discipline: Socio-economic statistics**

### **Annotation**

*Volume: 2 ECTS, 72 academic hours.*

*Final control form: exam*

*Summary.* The study of this subject is aimed at forming students' basic knowledge about the essence of the basic tools and practical skills in the field of socio-economic statistics. The course introduces the listener in detail to the basic concepts, methods and tools that are necessary in the process of economic analysis. Within this subject, the principles of building national accounts, systems of macroeconomic indicators, balance of fixed assets, assessment of labor resources and employment of the population, statistics of living standards, results of economic activity and social status of the population are presented. In addition, the course provides practical training, including solving statistical problems, studying socio-economic indicators, their trends, as well as forecasting methods used in socio-economic statistics. The educational and methodological complex for the discipline "Socio-economic statistics" is a set of necessary materials, instructions and methodological guidelines aimed at more effective mastering by students of this discipline.

The aim of the discipline: to provide students with theoretical and practical knowledge necessary for the analysis of the main cause-and-effect relationships of socio-economic processes.

The objectives of the discipline: formation of certain knowledge and skills in the field of socio-economic statistics for the correct interpretation of socio-economic processes and indicators, to identify the main trends of these indicators, and, consequently, to make the right management decisions.

*Connection with other disciplines of the specialty:* Socio-economic statistics are closely related to statistics, demography, economic theory, econometrics, linear programming, mathematical modeling, etc.

*Requirements for the initial levels of knowledge and skills of students:* To study this discipline, a student must know the basics of economic theory, macroeconomics and general statistics, must possess the basic skills of analyzing macroeconomic indicators, as well as be able to draw conclusions and find cause-and-effect relationships.

The volume of the discipline is 72 academic hours (2 ECTS). The course is designed for 18 hours of lectures and 18 hours of practical classes held in computer classrooms, as well as for 36 hours

of independent work of students, which will consist of homework and preparation for intermediate controls