**Specialty: Political Economy, Master program, full-time study**
**Discipline: «Statistical Package for the Social Sciences (SPSS) in Data Analysis»**

**<u>Annotation</u>**
Volume: 4 ECTS, 144 academic hours

Final control form: Exam

*Summary*
    As a result of studying the course, students will be able to analyze socio-economic problems using quantitative observation data; to assess the socio-economic consequences of decisions made in the field of economic and social policy using the results of sample surveys; apply modern methods and tools in the field of sample surveys; perform the above analytical work in the SPSS package.

*The purpose and objectives of the discipline*
    The main goal of the course is to familiarize students with modern methods of analyzing socio-economic phenomena using the tools of the SPSS software package.

*Relationship with other disciplines of the specialty*
    This discipline is directly related to the disciplines «Macroeconomics. Advanced Course”, «Megaeconomics», «Macroeconomic Planning and Forecasting. Advanced course», «Theory of economic development and backwardness», «Monetary policy», due to the fact that the knowledge and tools obtained in the course of studying the discipline make it possible to conduct full-fledged scientific research and a deep understanding of economic dependencies.

*Requirements for the initial levels of knowledge and skills of students*
    Successful completion of the course «Using the Statistical Package for the Social Sciences (SPSS) in Data Analysis» presupposes knowledge of the basic macro- and microeconomic components, their causal relationships, as well as in the basic statistical categories, which together serve as the foundation of econometric science. It is possible to start studying the discipline if you have basic knowledge of the disciplines: «Statistics», «Socio-economic statistics», «Applied economic analysis in the SPSS and STATA programs» and «Econometrics. Advanced course», studied in undergraduate and first year graduate programs.