

**Academic discipline:
«Statistical analysis of sociological information»**

Code and name of specialty	1-23 01 05 Sociology
Training course	1
Semester of training	1/2
Number of class hours:	24
Lectures	14
Seminar classes	10
Practical classes	-
Laboratory classes	-
Form of current assessment (credit/differential credit/exam)	credit/exam
Number of credits	6
Competencies to be formed	Mastering the academic discipline « Statistical analysis of sociological information » should ensure the formation of basic professional competencies: to use statistical procedures and methods in the analysis of empirical sociological information; to analyze statistical information, to use statistical data in the practice of sociological research.

Summary of the content of the academic discipline:

«**Statistical analysis of sociological information**» is an academic discipline that is designed to teach students the theoretical and practical fundamentals of mathematical statistics, which allow them to work professionally with numerical databases obtained in the course of quantitative sociological research. The content of the discipline includes work in the following areas: determination of the statistical nature of sociological research data; consideration of the procedure for statistical measurement, defining the concepts of a sign and a measuring scale; teaching the procedures for calculating one-dimensional distributions, building of groupings, presenting sociological research data in graphical form; familiarization of students with the fundamentals of the theory of statistical inference; teaching procedures for estimating the error of a simple random sample; consideration of issues related to testing statistical hypotheses and determining of their role in the cycle of statistical analysis of sociological research data; definition of the main models of statistical connection.