

**Academic discipline:**  
**«Computer technologies for the analysis of sociological data»**

<b>Code and name of specialty</b>	1-23 01 05 Sociology
<b>Training course</b>	1
<b>Semester of training</b>	1/2
<b>Number of class hours:</b>	18
<b>Lectures</b>	14
<b>Seminar classes</b>	4
<b>Practical classes</b>	-
<b>Laboratory classes</b>	-
<b>Form of current assessment (credit/differential credit/exam)</b>	-/ exam
<b>Number of credits</b>	6
<b>Competencies to be formed</b>	Mastering the discipline « <b>Computer technologies for the analysis of sociological data</b> » should ensure the formation of universal competencies: to solve standard tasks of professional activity based on the use of information and communication technologies, and special competencies: to use statistical procedures and methods in the analysis of empirical sociological information.
<b>Brief content of the academic discipline:</b>	
« <b>Computer technologies for the analysis of sociological data</b> » is an academic discipline that is aimed at teaching students the theoretical and practical basics of processing and analyzing sociological research data using modern computer statistical programs. The content of the discipline includes work in the following areas: mastering the skills of professional work with electronic databases of sociological research; teaching the basic methods of working with the SPSS PC statistical data processing program; consideration of the possibility of the SPSS PC computer package for descriptive data analysis, testing of statistical hypotheses, construction and analysis of mathematical models of pairwise communication; providing an complex approach to the statistical processing of sociological research data; emphasizing the professional tasks and skills of a specialist in the field of statistical analysis of sociological research data.	