

Mathematical and statistical methods of social information analysis

The aim of the discipline is to form students' ability to choose adequate methods of data analysis and use descriptive statistics, correlation and regression analysis, hypothesis testing and multivariate statistics for social data analysis.

The main tasks of the discipline

- provide students with basic information about the essence of mathematical and statistical methods, their classification and use in sociology;
- to form an idea of descriptive statistics and correlation, regression, hypothesis testing, multivariate methods;
- to teach them to use the capabilities of computer tools for statistical analysis of research data in sociology correctly;
- to form students' need for further development of knowledge and skills in the field of application of statistical methods and computer tools in future professional activities.