

Multivariate data analysis

The aim of the discipline is to develop Master students' ability to choose adequate methods of analysis and use analysis of variance, discriminant, factor and cluster analysis, multidimensional scaling for the analysis of sociological data and research data, including Peace and Conflict studies.

The main tasks of the discipline

- provide students with basic information about the essence of multivariate statistics, its classification and use in sociology;
- to form an idea of analysis of variance, discriminant, factor and cluster analysis, multidimensional scaling and other multivariate methods;
- to teach them to correctly use the capabilities of computer tools for multivariate analysis of research data in sociology, in particular in Peace and Conflict studies;
- to form in students the need for further development of knowledge and skills in the field of application of multivariate analysis and computer tools in future professional activities.