

Course-specific competences of graduates of the master's programme

Informatics in Contemporary Society:

- Skill to use and combine knowledge from different fields;
- Knowledge and understanding of the justifications and history of the development of fundamental social sciences (professions), namely in the field of sociology, political science, economics and management, social science informatics, social science statistics and qualitative methods;
- Ability to solve concrete social and work problems using social science methods and procedures;
- Ability to integrate coherent basic knowledge acquired in compulsory courses, and its application in practice;
- Ability to obtain, select, evaluate and place new information, and ability to interpret the information in the context of social sciences and informatics;
- Development of skills in the application of knowledge in the fields of social sciences and informatics by solving theoretical or empirical problems;
- Ability to use ICT and systems in the field of social sciences;
- Ability to structure and conceptualize information and content on the Internet, in bibliographic databases, text databases and other databases related to social sciences;
- Ability to plan information systems and develop e-business applications in modern society;
- Ability to analyse the situation in the field of computerization of an organization, and skill to present suggestions for improvement;
- Planning and managing changes while forming a comprehensive assessment of the situation in the field of computerization of an organization, taking into account various factors;
- Ability to manage and maintain the information system and individual ICT applications;

- Understanding of computer systems and architectures;
- Knowledge of the capabilities and limitations of ICTS;
- Knowledge of security aspects of e-commerce.