Course-specific competences of graduates of the higher professional programme Informatics in Contemporary Society:

- Ability to use information and communication technology (ICT) and systems in the field of social sciences;
- Skills to use knowledge in the field of social sciences through solving theoretical or empirical problems;
- Ability to solve concrete social and work problems using social science scientific methods and procedures;
- Ability to obtain, select, evaluate and place new information, and ability to interpret it in the context of social sciences;
- Understanding and application of critical analysis methods and their use in solving concrete social and work problems;
- Knowledge and understanding of the justification and history of the development of basic social sciences disciplines (professions) in the fields of sociology, political science, communication science, economics and management, social informatics, jurisprudence, social sciences statistics and methodologies;
- Ability of an interdisciplinary approach, which manifests itself as an understanding of the general structure of social sciences and the connections between its individual disciplines and sub-disciplines;
- Understanding the relationships between individuals, organizations and the social environment, and the ability of complex system viewing and operation;
- Skill to integrate coherent basic knowledge acquired in compulsory courses, and its application in practice;
- Organizational and leadership skills in organizations, with an understanding of the individual values and group value systems for the management of professional-ethical issues;
- Organizational and leadership skills for organizing active and independent work;

- Planning and managing changes while forming a comprehensive assessment of the situation in an organization or social environment, taking into account various factors;
- Ability of flexible application of knowledge in practice;
- Striving for quality of professional work through autonomy, (self-) criticism, (self-) reflection and (self-) evaluation of the professional work;
- Ability to identify and take advantage of opportunities presented in the work and social environment (which are manifested as an entrepreneurial spirit and active citizenship);
- Skill to communicate with experts from various fields of economic and social spheres and with different stakeholders;
- Knowledge and understanding of the theoretical foundations of analytical and consultancy work (transferring knowledge to the user);
- Knowledge and understanding of social processes and the ability to analyse and synthesize them, while predicting solutions and their consequences;
- Sensitivity towards people and the social environment, and the development of communication skills, especially communicating in international environments;
- Ethical reflection and commitment to professional ethics in the social environment, respecting the principles of non-discrimination and multiculturalism;
- Understanding and application of the critical analysis method and of the development of theories, and their application in solving concrete social and work problems;
- Presentation of methodological starting points for computerization of business processes;
- Discussion of the computerization process;
- Presentation of computerization of business processes in organizations;
- Presentation of business process computerization management in organizations;

- Capability to plan organizational and information changes in any organization, which are necessary for the introduction of ICT and its quality use;
- Knowledge and understanding of the social impacts of computerization;
- Understanding computerization by introducing comprehensive information solutions;
- Understanding computerization by introducing e-business solutions;
- Proficiency in research methods, procedures and processes in the field of social sciences;
- Development of critical and self-critical judgment;
- Ability to write a problem in the form of an algorithm and convert the algorithm into a computer program using modern software tools;
- Comprehension of computer systems and architectures.