

Graduate is equipped with the knowledge and skills of informatics, of algorithms and programming, of architecture and functions of computer systems and of development of information systems and web technologies, that can be applied in a number of occupations and functions in educational institutions, firms and organizations.

The goal of the bachelor program Information Technology Oriented at Education is to provide students with bachelor's degree in information and communication technologies, and prepare them for the theoretical and practical for direct application in the professions-oriented application of information and communication technologies and to continue their studies Master's degree in business. The study should provide a comprehensive, competency and application-oriented university bachelor's degree in content-oriented architecture of computer systems, hardware and software of computers and computer networks, programming, computer graphics, multimedia and web applications and managing network resources, information and database systems, institutions and firms. Focus of the study program is also designed with a view of the fact that the expected priority of graduate study, which is part of a structured studies teacher at the Pedagogical Faculty of Charles University in Prague, the MA program Training Teachers of General Subjects at Lower and Higher Secondary Schools – Information and Communication Technologies.