

**REVIEW**  
**of the educational and professional program**  
**«Computer sciences» of the second (master's) level**  
**specialty 122 «Computer sciences»**  
**Private higher educational institution «Bukovinian University»**

Educational and professional training program for students of the second (master's) level of higher education in the field of knowledge 12 «Information technologies» in the specialty 122 «Computer sciences» (hereinafter - EPP), developed at the Department of Computer Systems and Technologies «Bukovinian University» as a whole, it meets all the current requirements of employers in the IT industry and is compiled in accordance with the requirements for observing the principles of scientificity, systematicity and continuity in the study of disciplines.

Reviewed EPP, according to which specialists are trained at the Faculty of Information Technologies and Economics, allows to comprehensively study the specifics of the field of information technology, to emphasize the formation of general and professional competences in computer sciences, includes aspects of further education and career development. An important feature is interdisciplinary and multidisciplinary training.

The main objective of the reviewed EPP there is training of competent competitive specialists, who have a fundamental theoretical base of professional disciplines, the latest technologies and skills in their practical application, capable of creative and scientific activity, continuous self-education and professional self-improvement in the field of information technologies.

A positive aspect for education seekers is that that international credit mobility is possible under this EPP (double degree agreement with the university in Suceava (Romania)).

Having analyzed the EPP, for its further improvement it is possible to recommend expanding the toolset of innovative forms of education by introducing project-based training in compliance with the principle of «peer-to-peer» and practicing the skills of working communication in a foreign language, for example during classes and presentation of student works.

Submitted for EPP review was developed by the working group of the department of computer systems and technologies, whose members are practitioners, teachers of a higher school with many years of experience and scientists laureates of the Prize of the President of Ukraine for young scientists, in cooperation with employers and the student body of the educational institution, is logical in structure, fully takes into account the modern requirements of the IT market and can be recommended for the training of applicants of the second (master's) level of higher education in the specialty 122 «Computer sciences» of the field of knowledge 12 «Information technologies».

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