



Educational Program

Computer Science

Educational Degree	Bachelor's
Purpose of the program	Fundamental training of specialists in the field of information technologies, who are able to solve complex specialized problems using innovative models, algorithms, technologies, processes and methods of obtaining, presenting, processing, analyzing, transmitting and storing data in information systems, based on object-oriented approaches to the design and development of the information systems, the use of development tools and database management systems.
Orientation	Educational-professional, academic, practice-oriented program is based on current regulations and research results in the field of software design, including requirements analysis, modeling, software architecture and design selection, verification, testing, project management, and teamwork. Thorough knowledge and practical skills in designing complex information systems are formed.
The main focus	Special education in the field of information technology, which involves fundamental study and acquisition of practical skills and abilities in the field of development, design, architecture selection, verification, software testing, project management and management of information security systems.
Professional competencies and skills	Bachelor of Computer Science is able to create intellectual and information systems software, as well as administrate databases and systems, carry out all the processes of software creation for the customer (design software applications, provide their testing, installation, support and maintenance).
Duration	3 years and 10 months
Educational background requirements	For details: https://www.oa.edu.ua/en/international/
Scope and structure of the degree program	240 credits, including: - compulsory subjects: 180 credits; - selective subjects: 60 credits.