6B01502- Model of a graduate in the subject of INFORMATICS

Bachelor's Degree Graduate Model

- uses an innovative strategy for the development of education and integrative processes in the system of scientific knowledge that shapes various areas of computer science and methods of teaching computer science;

- uses modern methods and technologies to organize and implement the educational process at different levels of education;

- designing the educational content of subjects, creating competency-based teaching methods, innovative technologies in education;

- uses information technology to systematize and control educational material;

- create educational materials for creating digital educational resources, create training scenarios in training centers, simulators;

- develops modern means of informatization of educational activities using the capabilities of multimedia and network technologies;

- works with means of representing and processing knowledge, as well as applied intelligent systems;

- solves applied problems in the field of education using mobile, smart technologies;

- uses cloud technology tools and services to process, exchange and store information;

- develops software of various levels of complexity using modern methods of object-oriented, system and parallel programming;

- allows you to combine theoretical knowledge of scientific schools, conduct experimental research, prepare scientific publications, speak publicly and use them in professional activities.

- mastering social and ethical values based on tolerance to social and legal norms and various cultural and religious traditions, uses language skills for communication in the multinational and multicultural society of the Republic of Kazakhstan and in the international arena.