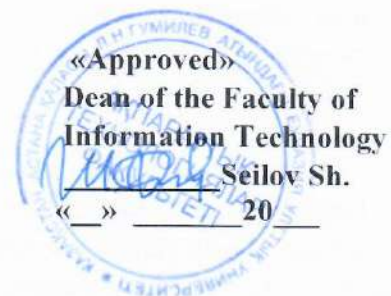


**Ministry of Education and Science of the Republic of Kazakhstan
L.N. Gumilyov Eurasian National University
Faculty of Information Technology
Department of «Computer science»**



GRADUATE MODEL

**Bachelor's program in the educational program
6B01511 – Computer Science**

Nur-Sultan, 2021

Requirements for the level of education of graduates

The graduate model is a system of qualities of a graduate, the result of his activity. Thus, the graduate model is:

- a set of key characteristics of the graduate, which the applicant aspires to acquire;
- the universal image of a university graduate in the eyes of an employer;
- the image of the graduate as a brand of the university.

A graduate of ENU is a person who has successfully completed training in the full course of the 6B01511 – Computer Science educational program and has mastered the necessary professional competencies, such as:

- To use modern communication tools and technologies;
- Ability to assess various situations based on a holistic systemic scientific worldview;
- Ability to form and define a person in a social environment and focus on a healthy lifestyle;
- The ability to own pedagogical and psychological technologies of differentiated, integrated, developmental education, to know the features and specifics of a competence-based approach in teaching for independent planning of a lesson taking into account the principles of integration and continuity of education at all levels of secondary education;

- Have the skills of teaching informatics in educational institutions and organizations according to the updated program and possess the scientific and methodological knowledge necessary for pedagogical activity;

- Ability to master programming languages and skills of scientific and methodological research in the field of computer science;

- Ability to create 3D modeling, video content, fundamentals of machine learning, robotics in education, web design, mobile programs under the conditions of digitalization of education, artificial intelligence, virtual and augmented reality;

All the necessary qualification requirements according to the domestic standards of higher and postgraduate education, as well as taking into account the Dublin descriptors, are synthesized in 7 qualities of the university graduate model.

The competencies acquired in the process of mastering the educational program are prescribed in section 2 of the Passport of educational programs "Map/ profile of competencies".

Considered at the meeting of the Department, Protocol No.10 of 01.05.2021

Head of the department
Computer Science



Serik M.