

**Expert opinion
on an educational program
7M01551 "Biology"
Pavlodar Pedagogical University named after. Ə. Margulan**

During the period of work at the university, I got acquainted and studied the educational program 7M01551 "Biology" developed by the teaching staff of Pavlodar Pedagogical University named after Alkey Margulan. The program is formed on the basis of a competency-based approach and is aimed at preparing masters of pedagogical sciences in the educational program 7M01551 "Biology" (scientific and pedagogical direction) in accordance with the 7th qualification level of the National Qualification Framework.

The program is designed taking into account modern trends in education. It is aimed at preparing a highly qualified biology teacher capable of formulating and solving modern scientific and practical problems who successfully carry out teaching, research and management activities.

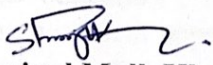
The modules included in the program comply with international standards, which allows graduates to be leaders and competitive specialists in the teaching labor market.

The educational program includes modern data on the directions, principles and approaches of modern molecular genetic research, as well as areas of their application. The course provides practical exercises that consolidate theoretical knowledge in the process of research work. The educational program is focused on a deeper understanding and study of general biological patterns. The program also includes disciplines related to genetics - microbiology, embryology.

To carry out practical, laboratory and research work, the educational program has sufficient personnel, educational and methodological, information and logistical support necessary for the training of highly qualified specialists. Thus, the university has a certified laboratory of the scientific center "Biocenology and Environmental Research", where master's theses are carried out.

Based on the analysis of the educational program for training masters 7M01551 "Biology", we can conclude that this program has its own individuality and uniqueness for training highly qualified specialists in scientific and pedagogical fields.

Reviewer


Dr. Shujaul Mulk Khan

Member Pakistan Academy of Sciences
Associate Professor (Tenured)
Department of Plant Sciences
Quaid-i-Azam University-45320 Islamabad, Pakistan
Visiting Professor UNISG I-12042 Padonzo, Italy
Vice President International Society of Ethnobiology
Voice; Mobile: +92 346 9134375
Office: +92 51 90643069

