

Expert opinion
On the educational program 8D01550 – Biology
Pavlodar Pedagogical University named after. Ə. Margulan

The educational program 8D01550 - Biology, developed by a team of authors of the Pavlodar Pedagogical University named after Alkey Margulan, is compiled in accordance with the social order of society and international education standards, since the compilers, before developing the Biology EP, studied the labor market and its needs.

The EP passport specifies the scope of application, learning outcomes, learning strategies, learning outcomes, and methods for monitoring learning outcomes.

The priority of mastering the program is the study of modern problems of biological education and research work of doctoral students, which are devoted to the issues of modernization of school education. While working on the topic of a doctoral dissertation, doctoral students constantly improve and enhance their knowledge, skills and abilities, freely navigate new situations, expand their methodological horizons, which affects the quality of their scientific research work.

This program also has an educational trajectory “Genetics”, which includes the disciplines “Prospects for the use of PCR analyses in biological research”, “PCR methods”. This trajectory allows us to deepen research competencies in the most relevant direction for modern biology, such as studying the DNA structure of living organisms and finding relationships between genes and their phenotypic manifestation.

The educational program is based on the results of modern science, is characterized by logic, consistency and completeness, and represents the relationship between learning outcomes and methodological foundations. It is fully provided with personnel, educational and methodological, information and logistical support. Thus, the university has a certified laboratory of the scientific center “Biocenology and Environmental Research”, on the basis of which doctoral dissertations are carried out.

The presented educational program 8D01550 – Biology fully complies with the requirements for document execution and provides ample opportunities for training advanced specialists in the field of education. I suggest to check the possibility of having foreign supervisors for the Doctorate students, through which you may bring some diversity, quality and hence ease in publication research articles in quality journals.

Reviewer


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