

Ministry of Education and Science of the Republic of Kazakhstan
Pavlodar Pedagogical University



Approved

Dean of the Higher School of
Natural Sciences

V.N. Aliysova

28.05

2020

DEVELOPMENT PLAN

Educational program "6B01570 – Natural Science"
for the years 2020-2023

Approved at the meeting of the
EP Committee

28.05

2020

protocol № 7

| № | Events | Term of execution | Responsible persons | Implementation mechanism |
|---|--|-------------------|--|--|
| 1 | Creation of a commission for the development and updating of the EP | January 2020 | Head of the EP | Engaging employers for discussion |
| 2 | Updating and improving the content of the EP, including the name of disciplines that define modern professional competencies | Every year | Head of the EP, Responsible for the practice | Discussion at the meeting of the Higher School of Natural Sciences |
| 3 | Annual development of academic mobility of teachers | 2020-2023 years | Teaching staff | - Invitation of foreign teachers to give lectures - Departure of teaching staff to other universities |
| 4 | Annual development | 2020-2023 | Responsible for | Internal and external |

Pavlodar

Educational program "6B01570 – Natural Science" was developed in accordance with SES, Professional standard of the teacher, the National framework of qualifications, and agreed with Dublin descriptors and European roomconvenience.

The educational program is formed on the basis of a competence-based approach to design and has a modular format.

Requirements for the admission of students to the educational program are determined by the type of admission rules for training in educational organizations that implement educational programs of higher and (or) postgraduate education.

A bachelor in the field of training 6B01570-Natural Science can perform the official duties of a natural science teacher in terms of conducting project, pedagogical (educational, including teaching natural science) and research activities.

The EP reflects the features of training bachelors with innovative thinking, advanced technologies in the field of modern research methods and expertise, as well as teaching skills at the level of basic, primary, secondary general education schools.

The training process is organized in the form of a series of lectures, seminars, practical and laboratory classes, conducting professional practices, preparing a course and thesis (project). In addition, students have the opportunity to attend conferences, seminars and various meetings to be able to participate in scientific discussions at the national and international level.

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| | of academic mobility | | scientific work and international relations | mobility |
| 5 | Participation of teaching staff in competitions of grant, program-target financing of scientific and scientific-technical activities | 2020-2023 | Head of the EP, Responsible for scientific work and international relations | Application for participation |
| 6 | Creating prerequisites for independent search and research activities of students in the framework of the experiment at all stages of training | The entire training period | Teaching staff | Inclusion of research and experimental work in the study of educational programs |
| 7 | Consultation of teaching staff students in the selection of relevant and practically significant topics of theses | Every year | Heads of theses | Creating a list of relevant and practically significant topics of theses, taking into account the proposals of employers |
| 8 | Activation of relations with foreign partners in order to implement joint research and publication of educational and methodological literature | The entire training period | Head of the EP, Responsible for scientific work and international relations | Conclusion of cooperation agreements |
| 9 | Ensuring the passage of professional and other practices by students | The entire training period | Head of the EP, Responsible for the practice | Conclusion of contracts |
| 10 | Advanced training, establishment of teaching staff | 2020-2023 years | Head of the EP | Master's and doctoral studies, internships and involvement of teachers with academic degrees |

Head of the EP  R. Mukanova