

REVIEW
for the educational program 8D01520-Physics
"Pavlodar Pedagogical University named after A.Margulan"

The educational program 8D01520-Physics, part of the field "Training Teachers in Natural Sciences", has undergone a successful evaluation of its structural elements. The assessment encompassed an analysis of the program's content, module descriptions, information about disciplines, the structure of the educational program, and the utilization of innovative teaching methods.

The content of the educational program aligns entirely with the State Mandatory Standard for postgraduate education. The primary objective of the 8D01520-Physics program is to cultivate scientific and pedagogical professionals with professional and scientific competencies that meet the requirements of the national qualification system and the job market in the fields of science and professional activity.

The duration of the program is three years, with a total program volume of 180 academic credits. The theoretical component of education comprises 45 academic credits, encompassing both basic and specialized disciplines. To achieve the established goals, emphasis is placed on the development of key competencies through the study of fundamental and specialized disciplines, as well as the completion of professional internships. The material, library, and information resources utilized in the learning process adhere to the program's requirements.

The scientific component of the program is shaped through research work, publications, and the defense of a doctoral dissertation. Program implementation involves collaboration with employers for practical training, the engagement of foreign scholars, and the integration of innovative technologies. The modular design principle and the reinforcement of practical training at production facilities and research institutes ensure the successful functioning of the program in accordance with national development priorities and the university's mission.

In conclusion, it can be summarized that the structure and content of the educational program 8D01520-Physics are geared towards meeting the requirements of the labor market and employers, facilitating the achievement of the planned educational goals.

Associate Professor,
Department of Technology and Science,
Technical University
of Applied Sciences Wildau, Germany



Peter Enders