

## **PEDAGOGICAL ESSENCE OF THE CONCEPT OF "COMPETENCE IN BIOLOGY OF THE FUTURE BACHELOR OF NATURAL SCIENCES"**

Transformational processes in the domestic general secondary education determine the transition from the cognitive to the competency-based approach to the professional training of the future New Ukrainian School teachers. The tasks set by the society to the educational community are changing, expanding and becoming more complicated. As a result, in modern conditions, the relevant competence training of future primary school teachers acquires a typical essence and updates constantly, it requires rethinking and working up new values, goals, content of education in the institutions of higher pedagogical education. In addition, transformations have to be based on corresponding pedagogical theory, permeate all components of the educational process, reflect in the activities of its subjects.

As outlined above, professional training requires from students not only a powerful system of knowledge in the field of psychological, pedagogical, fundamental, professionally oriented disciplines and methodological skills, but also making the manifestation of competence in the subject area, experience in applying knowledge and skills gained in professional training.

A notable today trend is the reform of secondary education in general and natural science education particularly. Thus, the professional role of the teacher of natural sciences in ensuring the synthesis of knowledge, mutual enrichment of sciences both within individual branches and between different branches of science is growing.

The professional training of a future teacher of natural sciences should primarily be aimed at mastering general scientific and professional competencies that ensure the development of his or her professionalism. It should be noted that a competent teacher of natural sciences combines theoretical knowledge of the subject with the understanding of the possibilities of its practical application in various spheres of human and social life.

The biological competence of the future bachelor of natural sciences as one of the key subjects characterizes the ability and willingness to use a personally significant system of knowledge and methodology of major branches of biology with the aim to understand the modern natural picture of the world as an image of nature.