**Olexandr Shkola. TRAINING PROGRAM FOR STUDENTS 'KNOWLEDGE COLLECTION FROM THE COURSE OF THEORETICAL PHYSICS**

 The article deals with theoretical and methodical approaches to designing the structure and content of the program of the discipline "Theoretical Physics", focused on the formation of fundamental knowledge and professional competence of future teachers of physics. The author prepared a document containing all the necessary elements of the educational system based on the systematic approach, a broad generalization and analysis of scientific and methodological works on the theory of content of education, curricula and programs, educational qualification characteristics of future specialists, logical schemes for constructing a training course at leading Ukrainian pedagogical universities. publications of similar type: subject, purpose, main tasks, interdisciplinary connections, system-forming elements, contents of discipline modules, a list of recommended literature, forms of control and means of diagnosing the success of student training.

The curriculum of the discipline was developed taking into account the principles of fundamentalism and professional orientation of the training of a specialist. It helps future physics teachers to master basic scientific knowledge on the basis of an activity approach, contributes to the development of the person and the formation of their professional competence. As a result: the author clarified the subject, the purpose, the main tasks, the place and the interdisciplinary connections of discipline in the training system of future teachers of physics; defined the system-forming elements, basic principles, organizational and pedagogical conditions of its person-oriented learning; updated the content and its effective components, taking into account the principles of science, interconnection and continuity with the course of general physics, modularity as an important factor in the self-education of students; a list of basic and additional literature is presented, including Internet resources, forms of control and means of diagnosing the success of students' training.

On the basis of structuring the elements of knowledge, the author determines and specifies the content of the scientific-theoretical and practical-component components of student’s professional competence for each module of the discipline. This way ensures the integrity and validity of knowledge for the long-term perspective and formation of skills to get new information quickly.

***Key words:*** curriculum, theoretical physics, professional competence of the teacher of physics, scientific outlook.

**References**

1. Galuzevi standarty vyshhoyi osvity. Fizyka / [ukl. G. P. Gryshhenko, V. M. Andronov, M. I. Shut ta in.]. – K. : NPU im. M.P.Dragomanova, 2003. – 74 s.

2. Zagalna fizyka. Programa navchalnoyi dyscypliny pidgotovky faxivciv osvitno-kvalifikacijnogo rivnya “bakalavr” napryamu 6.040203 Fizyka\* / avtory-ukladachi : M. I. Shut, L. Yu. Blagodarenko, T. G. Sichkar. – K., 2013. – 40 s.

3. Teoretychna fizyka. Programa navchalnoyi dyscypliny pidgotovky faxivciv osvitno-kvalifikacijnogo rivnya “bakalavr” napryamu 6.040203 Fizyka\* dlya studentiv vyshhyx pedagogichnyx zakladiv osvity : navch. vydannya / [uklad. M. I. Shut, O. V. Shkola]. – Berdyansk : BDPU, 2014. – 70 s.

4. Shkola O. V. Teoretyko-metodychni zasady navchannya teoretychnoyi fizyky` majbutnix uchyteliv fizyky : monografiya / O. V. Shkola. – Berdyansk : Vydavecz O. V. Tkachuk, 2015. – 381 s.