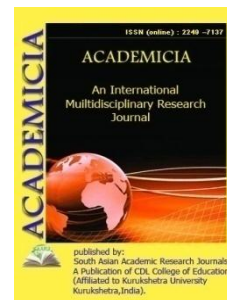


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THE STRUCTURAL MODEL OF METHODOLOGICAL TRAINING OF TEACHER IN TEACHING BIOLOGICAL SCIENCES

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ABSTRACT

The article deals with the composing of methodological modes of methodological training of biology teachers, including methodological, scientific-theoretical, peredmetical blocks. The model is a number of parameters: the requirements, knowledge, skills and qualities to the specialist, social and psychological qualities, take into account the effectiveness of methodological activities.

KEYWORDS: *Biology, Content, Methodical, Model, Pedagogical, Student, Methodist.*

INTRODUCTION

Methods of teaching biology in higher educational institutions are carried out within the structure of specially organized educational training of students. Elements of this structure are the goals of education, achieving them in the course of training of students. In addition, it includes the system of training courses, school, internship, course, and graduate work, the sequence, time and volume of study is determined in the curriculum. Each of them includes a certain content, as well as in certain organizational forms. The element of this structure is the system of monitoring the learning of educational content.

Literature review. The final result of methodological training in higher education institutions is the fact that graduates are prepared for teaching biology. To date, there are no objective criteria that characterize the level of methodological training of graduates.

According to experts, in general, higher education institutions can be considered satisfactory in the preparation of future biology teachers. However, methodological training in the sorting of various components of future biology teachers took the next place after science and psychological-pedagogical training.

Scientific novelty of the article. The main objections to methodological training sessions are not to know the insufficient knowledge of practical learning techniques and does not know certain normative documents on the organization of the educational process. Professional culture and professional knowledge occupies a unique position.

The components of professional culture are divided among the following: professional biological knowledge - the foundations of biological sciences, professional skills, tasks, content, personal features of professional significance, professionalistic features of professional activities - a person-oriented description Setting the desired target in the ability to design pedagogical activities and the educational process. Methodists point out that the school biology course is insufficient in terms of the content of the school and is not possible to design a lesson training material, so in the content of the school, they consider focus on the problems of school biology course.

As you can see, evaluation of the results of the professional training of teachers' teachers is primarily done within the framework of a methodological training system. These include: a quality new description of the biological content of the school, enriching the educational process with the ability to design the learning process independently and practical teaching methods.

According to demands, elements that allow methodical training, the elements that allow the teaching process to shape the training process in each student are not disclosed. According to teachers for pedagogical specialties, the main shortcomings of the methodological training of biology teachers are: not aware of the content of school biology, identification of means of achieving school biology, large difficulties in choosing them, organization of them and is notable to equip.

The purpose of the biological teacher in the higher education is to create conditions for students to develop the necessary activities in the successful implementation of practical activities at a modern school. Thus, the contradiction is determined between the two functions of the system of methodological preparation: creating conditions for mastering the methodological experience accumulated and ensuring an advanced study advanced study. In the system of methodological training, the knowledge system, on the one hand, is generalized on the one hand, on the other hand, on the other hand enriched with the news that requires constant understanding.

Analysis and results. The objectives of methodological preparations are primarily concerned with the development of certain types of practical activities. A number of cases in this problem: the combination of theoretical teaching and practical classes, the use of teaching technologies in the system and such similarities can be highlighted.

All changes in the system of the school biological education will show the general trend of the educational process to the reader. Methodological and methodological and teaching of the methodology of the school is aimed at the needs of each student's development.

In higher education, scientific-oriented methodology will be studied, where the main focus will be on biological composition and students are not discussed by its development mechanisms. This direction is reflected in the name "Biology learning methods" being implemented in the system of methodological training. Teaching means activity of the teacher. Therefore, the teaching activity is analyzed, and the student's activities are left out.

The new trends of teaching biology in general secondary education require a new look at biological content related to the discrimination of profile. Great attention is paid to the analysis of biological content in the educational process of students, and most of the time will be divided into this. The formation of these skills takes most of the time of reading. It should be noted that students assess their professional activity by analyzing the activities of teachers.

In some universities, students' choosing special courses will be significantly increased to satisfying their interest in professional and education.

Theoretical analysis of the preparation of biology teachers allowed to develop a systematic design methodological mechanical package of methodological conceptual ideas and principles in the system of methodological training of biology teachers in a continuous education system.

Among the leading ideas in choosing the teaching methodology of the teacher, the following opinions can be highlighted: the future reflects the ability to improve their professional skills. Biological education, focusing on the changing needs of modern schools and societies, offers various options for the preparation of biology teachers. Competition - reflects the use of knowledge obtained in solving methodological problems; Integrativeity Biology, pedagogy, and intercompasse offers the implementation of the biological training preparation system of teachers' methods of biology teachers.

It is known that the social order defines the requirements for the vocational training of modern biological teachers.

The scientific-theoretical and methodological basis of professional training of future biology teaches is blocks of biological sciences, pedagogy, psychology and methodological methodology. The scientific-theoretical training of methodological training of biology teachers ensures the implementation of the main purpose of methodological education.

A modern training room for the teaching of biology should be from the following components: educational equipment, specialized furniture, technical equipment and functional interior tools.

The holistic methodological system of biology teachers - didactic principles, curricula, curricula, textbooks, textbooks and manuals. Varogging in the preparation of biology teachers can be done through special circles, specialties and additional education.

In addition to the effective structure of teachers of biology, the efficiency of the correctly established classes - methodical research, methodical research, methodical projects, field experience, etc., will increase significantly through similar similarities. It is done with a unified system and stratified teaching.

The set of methodical equipment provides basic knowledge, skills and qualifications of students, the formation of worldview, creative thinking, and forming integral thinking.

Based on the functional work of leading methodist biologists and structure of teaching the educational content, we have developed a structural and functional model of methods of biology.

It is:

- Methodical knowledge;

- Scientific-theoretical knowledge of knowledge;
- Includes science and methods of knowledge.

Methodical block embellishes the problems of the current stage of school biological education reform.

The scientific-theoretical block is systematic knowledge in the field of teaching methods of teaching biology, that is, the basic principles of teaching, teaching, developmental and educational functions, the system of teaching aids, control functions, target determination function.

The subject-methodical block synthesizes knowledge of biological and environmental education and methodological training, and it is aimed at developing the professional composition of the teacher.

The system of multifunctional training of biology teachers determines professional pedagogical activity at various preparatory levels.

The following conditions are set for methodological training of biology teachers:

- Ensuring unity in the interpretation of ecological and biological concepts in the educational process;
- determination of the content of environmental and biological education, theories and concepts;
- Continuity in the study of concepts in the study of all departments of biological sciences;
- Use of a personal, active approach in teaching and educational process.

Methodological preparation of biology teacher: determined by motivation, cognitive and activities components. These components have a great impact on the efficiency of the development of teacher's methodological training. These components are used in choosing the content of educational and pedagogical tasks in the methodological training of biology teachers.

CONCLUSION

Thus, the professional methodical training of teachers of biology can be expressed in each stage with a system characterized by a flexible module consisting of blocks and modules that provide certain knowledge.

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