

**PECULIARITIES OF TEACHING THE DISCIPLINE "HUMAN ANATOMY AND PHYSIOLOGY" FOR STUDENTS OF THE FIRST (BACHELOR'S) LEVEL OF EDUCATION IN SPECIALTY 226 "PHARMACY, INDUSTRIAL PHARMACY"**

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Today, the training of highly specialized specialists is the main task of any higher educational institution, including the Educational and Scientific Medical Institute of the Poltava State Medical University, which trains students of the first (bachelor's) level of higher education in the field of knowledge 22 "Health Care" various specialties, in particular, specialty 226 "Pharmacy, industrial pharmacy". Pharmacy is an applied science that combines the pharmaceutical and clinical aspects of drug knowledge. Therefore, we can say that there is a close and inseparable relationship between medicine and pharmacy, as they have a common goal - to ensure the population's health. Therefore, studying the discipline "Human anatomy and physiology" is an essential element of preparing for a future bachelor of pharmacy. Simultaneous learning of anatomy, the main task of which is a systematic approach to describing the shape, structure, and position (topography) of parts and organs of the body, taking into account the age, sex, and individual characteristics of a person, in combination with physiology, which studies the general principles of the functioning of these anatomical structures, provides the most optimal option for a deeper understanding of the integrity of the human body. Taking into account the specifics of the future profession, a bachelor of pharmacy must possess a sufficient level of theoretical and practical training on the structure and function of the human body. The study of the discipline "Human anatomy and physiology" at the department of Anatomy with Clinical Anatomy and Operative Surgery consists of lectures, practical classes, and independent work of students. During training, innovative teaching methods are widely used, including interactive lectures, presentations involving multimedia technology, the case method, the "brainstorming" method, and the business game method, which provide the most optimal way of assimilating new information. Each of these methods provides an opportunity for future bachelors of pharmacy to master previously acquired theoretical knowledge and create the basis for using this knowledge in decision-making and learning practical skills. When studying the discipline, high-quality anatomical textbooks and atlases are used. Despite their high printing quality, printing cannot fully demonstrate the actual "natural" structure of the human body. The presence of an anatomical museum with a significant number of anatomical preparations provides an opportunity to see the details of the natural form of organs and to create a three-dimensional picture of the structure of organs and their relative location. In addition, the department has two interactive anatomical tables that,

combined with Virtual reality glasses, provide 3D visualization of various structural components of the human body. Each study room of the department of Anatomy with Clinical Anatomy and Operative Surgery is equipped with computers with downloaded 3D programs, the image of which is played on multimedia projectors. These programs allow you to consider each organ or system of the human body both separately and in combination with others; anatomical objects at the same time have the ability to move: approach, bend, spin, hide, etc. In addition, video materials and software for studying the discipline "Human Anatomy and Physiology" from Internet resources are also actively involved in the educational process. Today, Internet resources provide broad free access to the news of world medicine and materials that can be used in preparing for classes.

Thus, combining the components mentioned above of the educational process when studying the discipline "Human Anatomy and Physiology" ensures high-quality training for future bachelors of pharmacy, providing them with sufficient theoretical and practical training.

## **INTERDISCIPLINARY APPROACH AND ITS APPLICATION IN MEDICAL UNIVERSITIES**

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**Introduction.** Nowadays the modern world is on the path of globalization. The integration and interpenetration of sciences are gaining a large-scale character. Interdisciplinarity has become a feature of modern science. As an example, we can list such sciences as anatomy, physiology, biophysics, biochemistry, clinical anatomy, etc.. It should be noted that progressive European countries are already introducing interdisciplinary educational programs into the educational process. This approach expands the professional and academic rights of future specialists.

### **The purposes of the study:**

1. Identifying the features of application of the interdisciplinary approach in the process of training students in medical universities,
2. Determination of the main methods of using an interdisciplinary approach in education in medical universities.

**Methods of study:** theoretical analysis, generalization.

The modern application of an interdisciplinary approach to education has several aspects:

- It is used in the process of comprehensive training when knowledge is provided by more than one discipline is necessary to solve a certain problem (N.A. Sura, 2014);