

ANNOTATION OF THE SELECTIVE DISCIPLINE
FUNDAMENTALS OF BIOETHICS AND BIOSAFETY

training of specialists of the second (master's) level of higher education
field of knowledge 22 "Health care""
specialty 226 "Pharmacy, industrial pharmacy"

Annotation of the discipline: BC5 "Fundamentals of bioethics and biosafety" belongs to the cycle of disciplines of professional training of specialists in specialty 226 "Pharmacy, industrial pharmacy"

Final control - credit.

Aims: obtaining basic knowledge covering the moral issues of human activity in medicine and biology, as well as the issue of ensuring the safety of existence and preservation of human health and life.

Main tasks:

-studying the laws, principles and rules regulating the professional behavior of medical workers and researchers, which contributes to the safety of the use of new medical technologies and warns doctors and scientists about the inadmissibility of harming a person, his offspring, all humanity and the biosphere as a whole.

- formation of respect for the life and dignity of healthy and sick people, whose interests should always be valued higher than the interests of science or society;

- able not only to identify and analyze conflict situations arising at the intersection of medicine, biology, philosophy and jurisprudence, but also to determine specific ways of their resolution.

- the ability to be regulated by new ethical principles (that is, nooethics) to prevent a global ecological crisis, essentially a noosphere crisis, which can take on a catastrophic and irreversible nature.

- demonstrating the ability to communicate with colleagues, patients and their relatives, taking into account their psychological characteristics, to contribute to the creation of a healthy psychological climate in the medical environment;

- use moral, ethical and deontological principles of communication with patients with skin, venereal, infectious, oncological, internal, pediatric, surgical, genetic, mental, neurological diseases.

General competencies (GC) of the discipline:, the formation of which is facilitated by the discipline:

- **integrated** – the ability to solve complex problems and critically consider and solve practical problems in professional pharmaceutical and/or research and innovation activities using the provisions, theories and methods of fundamental, chemical, technological, biomedical and socio-economic sciences; integrate knowledge and solve complex issues, formulate judgments based on insufficient or limited information; clearly and unambiguously convey one's own knowledge, conclusions and their validity to a professional and non-professional audience.

- general:

GC 1. The ability to act socially responsibly and civically;

GC 4. Ability to think abstractly, analyze and synthesize, learn and be modernly educated;

GC 5. Ability to show initiative and entrepreneurship;

GC 7. Ability to adapt and act in a new situation;

GC 10. The ability to choose a communication strategy, the ability to work in a team and with experts from other fields of knowledge/types of economic activity;

GC 13. The ability to realize one's rights and responsibilities as a member of society, to realize the values of a civil (free democratic) society and the need for its sustainable development, the rule of law, the rights and freedoms of a person and a citizen in Ukraine;

GC 14. The ability to preserve and multiply moral, cultural, scientific values and achievements of society on the basis of understanding the history and patterns of development of the subject area, and its place in the general system of knowledge about nature and society and in the development of society, techniques and technologies, to use various types and forms of motor activities for active recreation and leading a healthy lifestyle.

- professionals:

PC 12. Ability to use knowledge of regulatory and legislative acts of Ukraine and recommendations of proper pharmaceutical practices in professional activity;

PC 13. The ability to demonstrate and apply in practical activities communicative communication skills, fundamental principles of pharmaceutical ethics and deontology, based on moral obligations and values, ethical standards of professional behavior and responsibility in accordance with the Code of Ethics of Pharmaceutical Workers of Ukraine and WHO guidelines

Program learning outcomes:

PRO 1. To carry out professional activities in social interaction based on humanistic and ethical principles; to identify future professional activity as socially significant for human health;

PRO 2. Apply knowledge from general and specialized disciplines in professional activity;

PRO 4. Demonstrate the ability to independently search, analyze and synthesize information from various sources and use these results to solve typical and complex specialized tasks of professional activity;

PRO 6. Argue information for decision-making, bear responsibility for them in standard and non-standard professional situations; adhere to the principles of deontology and ethics in professional activity;

PRO 7. To perform professional activities using creative methods and approaches;

PRO 10. Adhere to the norms of communication in professional interaction with colleagues, management, consumers, work effectively in a team;

PRO 12. Analyze information obtained as a result of scientific research, generalize, systematize and use it in professional activities;

PRO 24. Plan and implement professional activities on the basis of normative legal acts of Ukraine and recommendations of proper pharmaceutical practices.

PRO 25. To contribute to the preservation of health, in particular the prevention of diseases, the rational prescription and use of medicinal products. To faithfully fulfill one's professional duties, to comply with the legislation on the promotion and advertising of medicinal products. Possess psychological communication skills to achieve trust and mutual understanding with colleagues, doctors, patients, consumers.

Responsible for the academic discipline

(Oksana DYAKOVA.)