

Description of the discipline (abstract).

Professional training of specialists from different medical specialties (hygienists, epidemiologists, infectious diseases, phthisiologists, surgeons, obstetricians, gynecologists, pediatricians, dermatologists, neuropathologists, etc.) can not be qualitative and effective without profound study of preventive disciplines - hygiene, ecology and epidemiology.

Knowledge of hygiene for doctors of preventive and medical profiles is necessary during professional activity:

1. Analysis of the health status of the population or its individual contingents in connection with anthropogenic and social conditions of life and work.

2. Diagnosis of diseases associated with the state of the environment and the environment.

3. Primary, secondary and tertiary prevention of diseases, organization, conduct and control of preventive measures.

4. Participation in the work of medical social-expert commissions of medical-labor expertise, drug control commissions, commissions of medical-labor expertise, and other medical commissions, whose task is to study and assess the health status.

5. Assessment of the conditions of stay in organized groups (children's, educational).

6. Analysis of the severity and intensity of labor and professional activities in order to determine the need for the transfer of workers with certain violations of their health for easier work, the appointment of medical and preventive nutrition, dispensary care, spa treatment, rehabilitation.

7. Ability to recommend methods and means of the regime of the day, training, work, personal hygiene, diet, the use of natural factors and a set of methods and means of tempering the body.

8. Provision of medical recommendations and instructions on the use of methods and means of prevention of intra-hospital infections, infections and invasions among the population at its service in the clinic, at home, in organized groups.

9. Carrying out sanitary-educational work among patients, in organized groups (children, educational, labor) and among the population as a whole and others.

These are the main, but not all, activities of a physician who need knowledge of hygiene and human ecology.

In connection with the above-mentioned medical education should help to form a young specialist not only clinical, primarily preventive, that is hygienic thinking, understanding of the role of factors of the environment and social conditions of life in the occurrence of violations of health and diseases, justification of preventive measures.

Medical care of the population causes the urgent need for profound knowledge of hygiene, primary, secondary and tertiary disease prevention and hygienic research skills.

The structure of the discipline	Number of credit hours, including			SEW	Year and semester of study	Type of control
	Total	Auditory				
		Lectures (Hours)	Practical classes (hours).			
Subjects: Hygiene and Ecology	6.0 credits / 180 hours.	30	70	80	second course (III-IV semesters)	Test, Exam
For the semesters						
<i>Content module 1</i>	2.6 credits / 78 hours.	14	32	32	III semester	Test
<i>Content module 2</i>	3.4 credits / 102 hours.	16	38	48	IV semester	Exam

The subject of the discipline is the study of the influence of environmental factors on human health, assessment of the risk factors for health and the justification of measures aimed at preventing diseases, ensuring optimal living conditions, improving health and extending human life.

Interdisciplinary connections. The study of the discipline "Hygiene and Ecology" is based on the knowledge of the basic natural sciences disciplines: medical biology, medical and biological

physics, human anatomy, physiology, histology, cytology and embryology, biological and bioorganic chemistry, microbiology, virology and immunology and integrates with these disciplines. . Creates the foundations for the further study of epidemiology, infectious diseases, internal diseases and other clinical disciplines. Lays the foundation for the formation of knowledge, skills and skills that are determined by the ultimate goals of the program necessary for the next professional activity.