



INTERNATIONAL SCHOOL OF MEDICINE

SYLLABUS

Program:	General medicine
Qualification of the graduate:	General practitioner / Medical doctor
Year:	2022-2023
Semester:	5
Course duration:	18 weeks
Instructor/Assistant/Professor	Sadyrbekov Kubatbek
Department:	Public Health
Day and Time for consultation:	Thursday 14.00 h
Classroom:	East Medical Campus №201
e-mail:	Kubat_ks@mail.ru
Course Title:	General Hygiene
Must/Elective:	the basic part of the professional cycle
Credit/Hours:	4
Course Description:	The purpose of mastering the discipline is to form students' theoretical knowledge in the field of the influence of environmental factors on human health in order to develop practical measures aimed at protecting and strengthening health, as well as preventing diseases in the population.
Course Objectives:	<ul style="list-style-type: none"> - provide knowledge based on the ability to independently study and analyze indicators that characterize the health status of various age-sex, social, professional and other population groups, measures to preserve, strengthen and restore health; - to form the theoretical foundations and practical skills in the field of maintaining and strengthening the health of the population, disease prevention;
Prerequisites:	Medical biology. Medical biophysics. Medical ethics. Psychology. Bioethics. Microbiology, virology and immunology
Post-requisites:	Public Health. Epidemiology. Information activities for the protection and promotion of health. Occupational diseases. healthcare management Economics in health care. Biostatistics

Learning Outcomes: (expected knowledge & ability at the end)	<p>Will know methods for assessing the impact of environmental factors on the human body, promoting health, preventing diseases, conducting sanitary and educational work, assessing the state of public health;</p> <p>Will have the skills to form positive medical behavior in the adult population, adolescents and children, motivation for a healthy lifestyle, including the elimination of bad habits that adversely affect the health of the younger generation;</p> <p>Will understand the main causes and risk factors for the development of mass diseases;</p> <p>Will be able to use the acquired knowledge and skills to maintain and promote health, prevent diseases;</p> <p>Will be able to implement a set of measures aimed at preserving and strengthening health, at preventing diseases using innovative technologies</p> <p>Will be able to analyze the state of health of the population, the impact on it of lifestyle factors, the environment and the organization of medical care, harmful factors of the environment and the production environment;</p> <p>Will be able to synthesize effective methods for the prevention of mass diseases of the population;</p> <p>Will be able to ensure the rational organization of work of middle and junior medical personnel of medical institutions.</p>
Basic references:	<p>-www.kyrlibnet.kg. - www.iprbookshop.ru. - www.consilium-medicum.com. - www.medportal.ru. - www.studmedlib.ru.</p>
Supplementary Textbook and Materials:	<ol style="list-style-type: none"> 1. General hygiene and ecology: a textbook / MM Nadvorniy, PI Nikova, Yu. M. Vorokhta, Yu. S. Rudenko. Edited M. Nadvornogo - Odessa, Odessa. State. Med. Univ., 2005. - 300 p. 2. Evolution of WHO air quality guidelines: past, present and future. Copenhagen: WHO Regional Office for Europe; 2017. 3. Healthy Environments for Healthier People. World Health Organization Regional Office for Euro.-2018.-47 p. 4. Bolshakov A.M., General hygiene [Electronic resource]: textbook / A. M. Bolshakov. - 3rd ed., edit. and dop. - M. : GEOTAR-Media, 2016. - 432 p. 5. Oxford Textbook of Public Health. 1 (6th ed.). Oxford and New York: Oxford University Press. 2013.

COURSE POLICY AND EVALUATION CRITERIA:

Type of control (current, milestone, final)	Control form	Assessment of learning outcomes
Attendance	For one missed lesson minus 2 points	20 points
Current control	Oral survey, written work	20 points
IWS+IWW	Performing assignments, work with literature	20 points
Milestone control (modul submission)	Testing, control tasks	40 points
Final control (differential test)	Conversation, examination (test.edu.kg)	100 points

Scale of correspondence between grades and scores on the final control (exam)	
Score	Grade
90-100	«excellent»
76-89	«good»
60-75	«satisfactory»
0-59	«unsatisfactory»

Course Plan	Lecture / Practice	Subject
1 week		Introduction to General Hygiene.
2 week		Environmental hygiene.
3 week		Hygienic regulation of environmental factors.
4 week		Air hygiene.
5 week		Air pollution problems.
Modul 1 (Date)	06.03.23-11.03.23	Module 1
6 week		Hygiene of water and water supply.
7 week		Problems of drinking water supply.
8 week		Soil hygiene. Hygiene of populated areas.
9 week		Solar radiation.
Modul 2 (Date)	03/04/23-08/04/23	Module 2
10 week		Hygiene of nutrition
11 week		Nutrition and health.
12 week		Occupational hygiene
13 week		Occupational factors and diseases.
Modul 3 (Date)	01/05/23-06/05/23	Module 3
14 week		Hygiene of children and adolescents.
15 week		Hygienic requirements for preschool institutions and schools.
16 week		Radiation hygiene.
17 week		Hospital hygiene.
Modul 4 (Date)	29/05/23-03/06/23	Module 4
18 week		

