



# INTERNATIONAL SCHOOL OF MEDICINE

## SYLLABUS

<b>Program:</b>	<b>General medicine</b>
<b>Qualification of the graduate:</b>	<b>General practitioner / Medical doctor</b>
<b>Year:</b>	<b>2021-2022</b>
<b>Semester:</b>	<b>5, 8</b>
<b>Course duration:</b>	<b>18 weeks</b>
<b>Instructor/Assistant/Professor</b>	<b>Name: Sabaeva A.</b>
<b>Department:</b>	<b>Public Health</b>
<b>Day and Time for consultation:</b>	
<b>Classroom:</b>	<b>604</b>
<b>e-mail:</b>	<b>Asylgul.sabaeva@bk.ru</b>
<b>Course Title:</b>	<b>Public Health</b>
<b>Must/Elective:</b>	<b>the basic part of the professional cycle</b>
<b>Credit/Hours:</b>	<b>2</b>
<b>Course Description:</b>	<b>Public health is a subject that studies the beneficial effects, as well as the adverse effects of social factors and conditions on the health of the population, its groups, and develops scientifically grounded recommendations for the implementation of measures to eliminate and prevent harmful effects of social conditions and factors in human health. the interests of protecting and improving the level of public health.</b>
<b>Course Objectives:</b>	<p>Formation of students' knowledge, skills and abilities necessary for a future doctor to work in the field of health care in the following areas: public health; systems that ensure the preservation, strengthening and restoration of public health; organization of preventive and therapeutic and diagnostic services; management processes in healthcare (economic, legal, organizational, etc.); trends in the development of global health care.</p> <p>Training of a doctor with general and special competencies that contribute to his social mobility and stability in the labor market, readiness for postgraduate training with the subsequent implementation of professional medical practice in the chosen field.</p> <p>Developing students' purposefulness, organization, hard work, responsibility, communication, tolerance, improving the general culture.</p>
<b>Prerequisites:</b>	<b>General hygiene</b>

	<p><b>Ecology and environmental health</b></p> <p><b>Food hygiene</b></p> <p><b>Occupational hygiene</b></p> <p><b>Biostatistics</b></p> <p><b>Management in healthcare</b></p> <p><b>Economics in health care</b></p> <p><b>Bioethics.</b></p>
<b>Post-requisites:</b>	<p><b>Epidemiology</b></p> <p><b>Advocacy for the protection and promotion of health</b></p>
<b>Learning Outcomes: (expected knowledge &amp; ability at the end)</b>	<p><b>will know</b></p> <p><b>fundamentals of management and organization of healthcare institutions and patient referral system;</b></p> <p><b>mass infectious and non-infectious diseases, the cause of infectious and non-infectious diseases, harmful factors of the environment and work environment;</b></p> <p><b>methods for assessing the influence of environmental factors on the human body, health promotion, disease prevention, health education, assessment of the health of the population, examination of working capacity, disability;</b></p> <p><b>will be able</b></p> <p><b>receive information from various sources, work with information in global computer networks, use the capabilities of modern information technologies to solve professional problems;</b></p> <p><b>carry out work on epidemic research of the causes of diseases;</b></p> <p><b>to talk with the patient about health promotion, healthy lifestyle and disease prevention;</b></p> <p><b>use the means of physiotherapy exercises, physiotherapy and resort factors in the adult population, adolescents and children, with a preventive purpose and in need of rehabilitation;</b></p> <p><b>to participate in the organization and provision of treatment-and-prophylactic and sanitary-anti- epidemic, preventive and rehabilitative assistance to</b></p>

	<p>adolescents and adults, taking into account the socio-professional and age-sex structure;</p> <p>to carry out sanitary propaganda among the population;</p> <p>have the skills to develop positive medical behavior among adults, 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>to analyze the quality of medical care, the state of health of the child and adult population, the influence of lifestyle factors, the environment and the organization of medical care on it;</p> <p>use methods of maintaining medical records and reporting documents in medical and preventive institutions of the health care system.</p>
<b>Basic references:</b>	<p><a href="http://www.kyrlibnet.kg">www.kyrlibnet.kg</a>.</p> <p>- <a href="http://www.iprbookshop.ru">www.iprbookshop.ru</a>.</p> <p>- <a href="http://www.consilium-medicum.com">www.consilium-medicum.com</a>.</p> <p>- <a href="http://www.medportal.ru">www.medportal.ru</a>.</p> <p>- <a href="http://www.studmedlib.ru">www.studmedlib.ru</a>.</p>
<b>Supplementary Textbook and Materials:</b>	<ol style="list-style-type: none"> <li>1. Berridge, Virginia. Public Health: A Very Short Introduction (Oxford University Press, 2016).</li> <li>2. Evolution of WHO air quality guidelines: past, present and future. Copenhagen: WHO Regional Office for Europe; 2017.</li> <li>3. Healthy Environments for Healthier People. World Health Organization Regional Office for Euro.- 2018.-47 p.</li> <li>4. Oxford Textbook of Public Health. 1 (6th ed.). Oxford and New York: Oxford University Press. 2013.</li> <li>5. White, Franklin; Stallones, Lorann; Last, John M. (2013). Global Public Health: Ecological Foundations. Oxford University Press.</li> </ol>

## **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		Theoretical foundations of public health
2 week		Theoretical foundations of public health
3 week		Public health and risk factors
4 week		Public health and risk factors
5 week		Medical statistics. Statistical quantities and their applications
6 week		Medical statistics. Statistical quantities and their applications
7 week		Modul 1 Population morbidity as an indicator of public health
8 week		Modul 1 Population morbidity as an indicator of public health
9 week		Massive infectious and non-infectious diseases
10 week		Massive infectious and non-infectious diseases
11 week		Health promotion. Disease prevention
12 week		Health promotion. Disease prevention
13 week		State policy in the field of public health protection
14 week		State policy in the field of public health protection
15 week		Healthcare management and financing
16 week		Modul 2 Healthcare management and financing
17 week		Modul 2 Organization of medical and preventive services
18 week		Organization of medical and preventive services

