

International School of Medicine / Medicine (English)

2023 - 2024 Academic Year

PUBLIC HEALTH

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
PUBLIC HEALTH	ISM2011229	Yearly	7+0	0	1
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	English				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Committee Course				
Course Coordinator					
Name of Lecturer(s)	Prof.Dr. Osman Erol HAYRAN, Assist.Prof. Ömer ATAÇ, Assist.Prof. HÜSEYİN KÜÇÜKALİ, Assist.Prof. Ayşe Seval PALTEKİ, Assist.Prof. Ayşe Nur BALCI YAPALAK, Lect.Dr. Zeynep Meva ALTAŞ				
Assistant(s)	Dr. Ayşe Zülal Tokaç Farımaç				
Aim	To explain the relationship between health and disease with social, environmental, economic and cultural variables; to assess community health; to provide information on the epidemiological and demographic methods used; to teach preventive medicine and promoting health service principles; to explain of the most frequently using health indicators				
Course Content	This course contains; Concept of Health and Disease,Determinants of Health,Public Health: Concept and Approach,Primary Health Care Services,Protection of Health,Health Indicators,Demographics.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Defines the meanings of health and disease.			10, 16, 9	A	
Lists different characteristics of being sick.			10, 16, 9	A	
Can make comprehensive and critical comments when asked to evaluate a situation as health and disease.			10, 16, 9	A	
List the determinants of health.			10, 16, 9	A	
The impact of health services on the health of the community is limited; thinks that the effect of social, environmental, economic and cultural factors is decisive.			10, 16, 9	A	
Becomes sensitive to health inequalities, thinks that he/she can change health inequalities.			10, 16, 9	A	
It can propose a multi-sectoral solution to a health problem.			10, 16, 9	A	
Define the concept of public health.			10, 16, 9	A	
Knows the scope of public health and can distinguish the subjects in the field of study.			10, 16, 9	A	
Can propose a solution to the given health problem in terms of public health approach.			10, 16, 9	A	
Thinks that the health problems seen in people who apply to the hospital are insufficient to reflect the health problems of the community.			10, 16, 9	A	
Can be able to classify health services and explain the differences between them.			10, 16, 9	A	
Can define primary healthcare services and list the principles.			10, 16, 9	A	
Explain the prominent issues in the Alma Ata Declaration of the World Health Organization			10, 16, 9	A	
Establishes a relationship between primary health care services and social justice.			10, 16, 9	A	
Thinks that primary healthcare services should be close to where the person lives or works.			10, 16, 9	A	
Thinks that the principles of acceptability, community participation and affordability are important in health services.			10, 16, 9	A	
Develops ideas that will enable community participation in the planning and implementation of health services.			10, 16, 9	A	
Learns that diseases can not only be cured after they occur, but also prevented in various levels.			10, 16, 9	A	
Explains the levels of health protection with examples.			10, 16, 9	A	
Explains the purpose and principles of health screenings.			10, 16, 9	A	
Tends to prevent diseases and health problems at the earliest possible level.			10, 16, 9	A	
Establishes a relationship between the protection of health and the determinants of health.			10, 16, 9	A	
Distinguishes the levels of prevention in different health services.			10, 16, 9	A	
Recommends a primary prevention intervention for a given health problem.			10, 16, 9	A	
Be able to list and define the main health indicators used in the evaluation of public health.			10, 16, 9	A	
Knows the usage areas of health indicators.			10, 16, 9	A	
Knows how to estimate mortality, morbidity and fertility indicators.			10, 16, 9	A	
Needs health indicators to evaluate the health problems of the community.			10, 16, 9	A	
Establishes a relationship between health indicators and medical practice.			10, 16, 9	A	
Reaches to data on health indicators of Turkey and other countries.			10, 16, 9	A	
Understands the health status of different communities using health indicators.			10, 16, 9	A	
Can define demographics and explain demographic indicators.			10, 16, 9	A	
Needs demographic indicators to evaluate the health problems of the community.			10, 16, 9	A	
Establish a relationship between demographic information and public health.			10, 16, 9	A	
Explain the health status of different societies using demographic information, population pyramid, Demographic and Epidemiologic Transition Model.			10, 16, 9	A	
Teaching Methods	10: Discussion Method, 16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Concept of Health and Disease				
2	Determinants of Health				
3	Public Health: Concept and Approach				
4	Primary Health Care Services				

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Sequence	Topics	Preliminary Preparation
5	Protection of Health	
6	Health Indicators	
7	Demographics	
Evaluation Methods		Weight(%)
Midterm Exam		40
General Exam		60

Resources
1- "Oxford Textbook of Global Public Health 6th Edition" Detels, Gulliford, Abdool Karim, Tan, Oxford University Press, 2015. 2- "Applied Demography and Public Health" Nazrul Hoque, Mary A. McGehee, Benjamin S. Bradshaw (Eds.), Springer, 2013. 3- "Epidemiology: Principles and Practical Guidelines" Jan Van den Broeck, Jonathan R. Brestoff, Eds., 2013, Springer. 4- "Epidemiology and Demography in Public Health" Japhet Killewo (Ed. In Chief), H. Kristian Heggenhougen, Stella R. Quah (Eds.), 2010, Elsevier. 5- "Modern Methods for Epidemiology" Yu-Kang Tu, Darren C. Greenwood (Eds.), Springer, 2012. Lecture Notes