

**TISHK INTERNATIONAL UNIVERSITY**  
**FACULTY OF APPLIED SCIENCE**  
**Department of MEDICAL ANALYSIS,**  
**-2022 Fall**  
**Course Information for MA 313 PUBLIC HEALTH**

<b>Course Name:</b> PUBLIC HEALTH					
<b>Code</b> MA 313	<b>Regular Semester</b> 5	<b>Theoretical</b> 2	<b>Practical</b> -	<b>Credits</b> 2	<b>ECTS</b> 3
<b>Name of Lecturer(s)- Academic Title:</b> Sangar Ahmed - PhD					
<b>Teaching Assistant:</b> non					
<b>Course Language:</b> English					
<b>Course Type:</b> Main					
<b>Office Hours</b> Thursday					
<b>Contact Email:</b> sangar.ahmed@tiu.edu.iq Tel:07504476182					
<b>Teacher's academic profile:</b> PhD					
<b>Course Objectives:</b>	<ul style="list-style-type: none"> <li>• Define public health and identify various professions, disciplines, organizations, and delivery systems within the field of public health</li> <li>• Identify key concepts and strategies of health protection, health promotion, and health policy</li> <li>• Understand foundational principles of demography and epidemiology as they relate to public health practice</li> <li>• Discuss how inequity and the social determinants influence population health</li> <li>• Describe key interventions and approaches used to improve population health</li> </ul>				
<b>Course Description (Course overview):</b>	Public Health are the practices and activities which individuals can perform to promote good health to the public through health protection, health protection and through ensuring health services are safe, effective and accessible to all. The practise of Public Health occupies and important role in the function of healthcare systems worldwide with the best systems incorporating it as an essential division in a multifaceted approach to improve health, burden of disease and reduce all-cause mortality. This course aims to introduce the topic to students and provide them with the tools to act as promoters of good health and supporters of good medical practice and improvement of healthcare services in their future roles.				

**COURSE CONTENT**

Week	Hour	Date	Topic
1	2	6-10/2/2022	Course overview
2	2	13-17/2/2022	Concepts of health
3	2	20-24/2/2022	Introduction to Public Health
4	2	27/2-3/3/2022	History of Public Health
5	2	6-10/3/2022	Epidemiology and measures
6	2	27-31/3/2022	Injuries & Noninfectious Diseases
7	2	3-7/4/2022	Midterm Exam
8	2	10-14/4/2022	Midterm Exam
9	2	17-21/4/2022	Health Promotion
10	2	24-28/4/2022	Public Health Education
11	2	8-12/5/2022	Health Policy
12	2	15-19/5/2022	Health Promoting Workplaces
13	2	22-26/5/2022	Communicable and Non Communicable Disease
14	2	29/5-2/6/2022	Course review

15	2	5-9/6/2022	Final Exam
16	2	12-16/6/2022	Final Exam
<b>COURSE/STUDENT LEARNING OUTCOMES</b>			
1	Understand public health		
2	Determine the core functions of public health		
3	Investigate, evaluate and justify current approaches in achieving public health		
4	Discuss key concepts and challenges in public health globally		
<b>COURSE'S CONTRIBUTION TO PROGRAM OUTCOMES</b> (Blank : no contribution, I: Introduction, P: Profecient, A: Advanced )			
<b>Program Learning Outcomes</b>			<b>Cont.</b>
1	Evaluate clinical laboratory data by interpreting laboratory results and relating the data to various disease states.		A
2	apply principles of evidence-based medicine to determine clinical diagnoses.		A
3	apply the basic principles of gross and microscopic anatomy, physiology, biochemistry, immunology, microbiology/virology.		A
4	formulate and implement acceptable treatment modalities to various disease states.		A
5	use technology effectively in the delivery of instruction, assessment, and professional development.		A
6	exhibit essential employability qualities by demonstrating laboratory safety, analyzing laboratory results, and displaying professional conduct.		A
7	exhibit organizational skills, accountability, and ethical behavior.		I
8	apply skills needed in operating laboratory equipment for testing, assessing quality assurance for lab equipment, and adhering to standard safety practices in the laboratory environment.		A
9	apply problem-solving and decision-making skills.		A
10	apply and promote health policies and regulatory standards in the field career.		A
11	develop research in the field of medical analysis using qualitative and quantitative methods.		A
<b>Prerequisites (Course Reading List and References):</b>	1- Schneider M-J and Schneider HS (2017). Introduction to Public Health. 5th edition, Jones & Bartlett Learning, USA. 2- Goldsteen RL, Goldsteen K and Dwelle TL (2015). Introduction to Public Health Promises and Practices. 2nd edition, Springer, USA.		
<b>Student's obligation (Special Requirements):</b>	1. Students are expected to attend all lecture and discussion sessions. Students are expected to come to class on time to prevent disrupting the lecture and classroom activities. Active participation in the discussion sessions is also expected and highly encouraged - Any student who misses more than 2 scheduled discussion section meetings will lose points from their discussion section grade. 2. Technology Policy: - Mobile device (e.g., smart phones, pagers, etc.) ringers will be turned off or placed on vibrate prior to class. - Laptops and tablets can ONLY be used in the classroom to take notes, make calculations, and download/read course materials. Note that research suggests non-academic use of the Internet is associated with poorer learning outcomes. 3. Complete homework assignments before the dates.		
<b>Course Book/Textbook:</b>	Schneider M-J and Schneider HS (2017). Introduction to Public Health. 5th edition, Jones & Bartlett Learning, USA.		
<b>Other Course Materials/References:</b>	1- Goldsteen RL, Goldsteen K and Dwelle TL (2015). Introduction to Public Health Promises and Practices. 2nd edition, Springer, USA. 2- Goldsteen RL, Goldsteen K and Graham DG (2011). Introduction to Public Health Promises and Practices. Springer, USA.		
<b>Teaching Methods (Forms of Teaching):</b>	Lectures, Assignments, Case studies, , ,		
<b>COURSE EVALUATION CRITERIA</b>			
<b>Method</b>		<b>Quantity</b>	<b>Percentage (%)</b>
Attendance		1	5
Quiz		2	5
Homework		1	5
Midterm Exam		1	40
Final Exam		1	40
	<b>Total</b>		<b>100</b>