



COURSE PLAN

FIRST: BASIC INFORMATION

College

College : **Medicine**Department : **Basic Medical Sciences**

Course

Course Title : **Public Health**Course Code : **(31505291)**Credit Hours : **3**Prerequisite : **None**

Instructor

Name : **Dr Hatim Jaber**Office No. : **1**Tel (Ext) : **3574**E-mail : **hjaber@bau.edu.jo**

Office Hours :

Class Times	Building	Day	Start Time	End Time	Room No.
	Lecture Hall Complex				

Text Books

Learning Resources: Power point presentations.**Recommended Books & Articles.****Global Health : An introductory textbook** , Ann Lindstrand, Staffan Bergström, Hans Rosling, Birgitta Rubenson, Bo Stenson, 2008

SECOND: PROFESSIONAL INFORMATION

COURSE DESCRIPTION

This course covers health in the world from the aspects of measuring health and diseases in communities and the reasons of their disparities and diseases burden, health equity, culture and health, environmental health, chronic diseases, noncommunicable disease, infectious diseases, mother and child health, breastfeeding, nutrition, child development and mental health. The course also covers health systems, health challenges especially to developing and emerging nations with limited resources, health priorities for population groups with diverse cultural backgrounds, catastrophes and emergencies, globalization and health, international human rights, social justice, and international health regulations.

COURSE OBJECTIVES

Overall Course Objective:

To educate the students about global health and to get them to appreciate and understand its importance and scope.

Aims:

1. Discuss the global health situation and the variations in health status between and within countries
2. Outline key issues in global health such as inequity, gender, ethics, human rights.
3. Understand the indicators and determinants of global health variations'
4. Describe the current global and developing country-specific disease burden and trends in the rates of infectious and chronic diseases
5. Understand the major leaders and stakeholders in global health management and delivery.
6. Identify and analyze the role of the main infectious diseases such as tuberculosis and HIV, emerging infections and epidemic outbreaks, and to organize primary and secondary prevention on different levels in the health care organization and in collaboration with other sectors in the society.
7. Understand the aspects of clinical care and prevention for Tuberculosis and HIV/AIDS
8. Understand the relationship between socio-economic development and disease patterns in different nations;
9. Discuss the multidisciplinary approach required to improve global health.
10. Understand the International collaboration in global health and the importance of global solidarity in humanitarian emergencies
11. To understand the distribution of health and disability around the world and to understand the individual, social, and institutional factors that affect the burden of disease
12. Summarize main elements of human and reproductive rights, describe globally important sexual and reproductive health problems in a life cycle and organize antenatal and perinatal care, appropriate family planning services, and STD programs.
13. Understand quality of care and effectiveness in different health services systems;
14. Understand health policies and management within a global health perspective
15. Demonstrate and apply understanding of injury, disability, migration and travelers health a global health perspective

LEARNING OUTCOMES

After completion of the course, the student should be able to:

1. Explain the global health situation and the variations in health status between and within countries
2. Outline key issues in global health such as inequity, gender, ethics, human rights.
3. Explain the indicators and determinants of global health variation.
4. Describe the current global and developing country-specific disease burden and trends in the rates of infectious and chronic diseases
5. Identify the major leaders and stakeholders in global health management and delivery.

6. Identify and analyze the role of the main infectious diseases such as tuberculosis and HIV, emerging infections and epidemic outbreaks, and to organize primary and secondary prevention on different levels in the health care organization and in collaboration with other sectors in the society.
7. Demonstrate and apply the aspects of clinical care and prevention for Tuberculosis and HIV/AIDS
8. Understand the relationship between socio-economic development and disease patterns in different nations;
9. Appreciate the multidisciplinary approach required to improve global health.
10. Understand the International collaboration in global health and the importance of global solidarity in humanitarian emergencies
11. Be able to identify the distribution of health and disability around the world and to understand the individual, social, and institutional factors that affect the burden of disease
12. Summarize main elements of human and reproductive rights, describe globally important sexual and reproductive health problems in a life cycle and organize antenatal and perinatal care, appropriate family planning services, and STD programs.
13. Appreciate quality of care and effectiveness in different health services systems;
14. Explore health policies and management within a global health perspective
15. Demonstrate and apply understanding of injury, disability, migration and travelers health a global health perspective

Professional Skills

The student should be able to differentiate the different aspects of Global and public Health

Competences (Transferable skill and attributes)

The student should be able to differentiate the different approaches required for each aspects of Community Medicine regarding Global and Public Health.

Course Contents

Week	Course Topic	Notes
Week 1	<p>Introduction to course- Global Health</p> <p>Indicators and determinants of global health</p>	<p>Overview of course requirements</p> <p>How is this course different from other courses.</p> <p>Explain and discuss the difference between international health and global health.</p> <p>Explain key concepts and features of global health</p> <p>Explain Global health definition, concepts, variation and Governance</p> <p>Explain the global health situation and the variations in health status between and within countries</p> <p>Understand the indicators and determinants of global health variations'</p>

	<p>Public health and human rights</p>	<p>Understand the relationship between socio-economic development and disease patterns in different nations What contribution do income, education, and other factors make to health? Outline key issues in global health such as inequity, gender, ethics, human rights</p>
Week 2	<p>International Classification of Diseases</p> <p>International Health Regulations</p> <p>Epidemiological Transition</p> <p>Global Health Risks</p> <p>Mortality and burden of disease attributable to selected major risks</p>	<p>Describe International Classification of Diseases and International Health Regulations</p> <p>Living conditions in different parts of the world Describe the theory of health transition and global health risks</p> <p>Appreciate the multidisciplinary approach required to improve global health. Describe key concepts related to the global burden of disease and discuss the major categories of morbidity and mortality between high, middle and low-income regions of the world. Explain the global health situation and the variations in health status between and within countries</p>
Week 3	<p>Health care in emergencies</p> <p>Emerging Diseases</p> <p>Childhood and maternal undernutrition</p>	<p>Understand the International collaboration in global health and the importance of global solidarity in humanitarian emergencies Analysis and interpretation of demographic and health data in emergencies: Priority interventions in different disaster situations Explain the Opportunities and challenges facing the emergency health worker Explain the International codes and standards in emergency situations Understand the International collaboration in global health and the importance of global solidarity in humanitarian emergencies Demonstrate and apply understanding of emerging diseases and antimicrobial resistance Understand Women and child health and rights globally ,which is effected by different factors in different societies and countries Discuss and plan different interventions to improve women and child health Discuss Global and national strategies for prevention of mortality in children: Integrated</p>

		management of common childhood diseases, Prevention and management of perinatal health problems
Week 4	<p>Sexual and reproductive health</p> <p>The global health impact of mental health and mental diseases</p> <p>Addictive substances</p>	<p>Discuss and plan different interventions to improve women and child health: in sexual and reproductive health as an example.</p> <p>Discuss International policies and conventions regarding sexual and reproductive health and rights, Gender inequalities and sexual and reproductive health and rights and Family planning, safe abortion, effective STD programs</p> <p>Understand mental health within a global health perspective</p> <p>Discuss the global situation of addictive substances</p>
Week 5		<p>Pre-midterm Revision</p> <p>Midterm Exam 50 % of Total Grades</p>
Week 6	<p>Global overview of communicable diseases</p> <p>Global overview Non-communicable diseases(NCDs)-</p> <p>The global health impact of Hepatitis, Tuberculosis and HIV/AIDS</p>	<p>Discuss Current trends an occurrence of global infectious diseases</p> <p>Basic principles and policies for prevention and control at global level</p> <p>Challenges: Emerging infectious diseases /</p> <p>Discuss the impact of water, sanitation and hygiene on the populations of the world and assess global drinking water and sanitation progress.</p> <p>Explain risk factors associated with select global diseases.</p> <p>Demonstrate and apply understanding of aging populations and chronic illness</p> <p>Explain risk factors associated with selected global diseases.</p>
Week 7	<p>The global health impact of Cardiovascular Diseases , Diabetes and Obesity</p> <p>Health service delivery in developing countries</p>	<p>Explain risk factors associated with selected global diseases.</p> <p>What role do international actors play in health service delivery in developing countries?</p> <p>How are national priorities influenced by international priorities?</p> <p>How has development assistance for health evolved?</p> <p>What is the role of non-governmental actors (both international and domestic) in health service delivery?</p>

	Health systems and financing	<p>Individual vs. population health services The role of primary health care vs. tertiary health care Horizontal vs. vertical health service delivery Public vs. private health care What factors affect the demand for health services in developing countries? What is a health system? How do we measure health system performance? What does it mean to strengthen a health system? Identify and describe mechanisms for financing global health and systems strengthening. Understand health systems and financing within a global health perspective</p>
Week 8	<p>Quality of care and effectiveness in different health services systems;</p> <p>Health policies and management within a global health perspective</p> <p>Violence and injuries</p>	<p>Understand quality of care and effectiveness in different health services systems;</p> <p>How does quality affect the demand for health care services in developing countries</p> <p>Understand health policies and management within a global health perspective</p> <p>Demonstrate and apply understanding of injury and global health</p>
Week 9	<p>- Alternative medicine</p> <p>- Migration and Travelers' health</p> <p><i>Revision</i></p>	<p>Traditional and alternative medicine Migration and infectious diseases Migration Impact of migration and globalization</p> <p>Group Discussion</p>
Week 10	FINAL EXAM	50 % of Total

COURSE LEARNING RESOURCES

Lectures
Data show
Handouts including highlights

ONLINE RESOURCES

The Epidemiology and Biostatistics web pages

ASSESSMANT TOOLS

(Write assessment tools that will be used to test students ability to understand the course material and gain the skills and competencies stated in learning outcomes)

ASSESSMENT TOOLS	%
Mid Exam	50
Final Exam	50
TOTAL MARKS	100

THIRD: COURSE RULES**ATTENDANCE RULES**

Attendance and participation are extremely important, in this aspect the university rules will be applied. Attendance will be recorded by the instructor for each class. Maximum allowed absence is 15% of the course. The result of absentees is that the student will not be permitted to attend the final examination and he/she will be granted zero mark in that exam.

GRADING SYSTEM Example:**REMARKS****COURSE COORDINATOR**

Course Coordinator: Dr. Hatim Jaber

Department Head:

Signature:

Signature:

Date: Date: