

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Palestine Ecology
Course number	MEDI1281
Faculty	
Department	
Course type	College Needs
Course level	1
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - Course Title: Environment in Palestine/د. عزام Course Number: Spring Term: 2015/2016 Credit Hours: Two Hours Instructor: Course Coordinator: Dr. Azzam El Sourani Course Description: There have been an important and rapid advancement in environmental health, so this course is designed to offer the first year medical students to concepts, components, services and dimensions of environment in Palestine and its relationship to medical, psychological, social and economic factors. The course will stress and tackle the common local diseases caused by unsanitary environment in Palestine. This course will develop the skills of students to measure the health status of the population. During the course the students will be familiar with the preventive and the curative health services and the organizational issues in the delivery of these services.
- 2 - To explain the basic relationship between the environment and health
- 3 - 2To identify the nature, health effects, and sources of environmental risks in Palestine
- 4 - To identify the diseases caused by unsanitary environment and methods of prevention and treatment
- 5 - 4To define health related activities relevant to prevention and / or control of these risks
- 6 - To explain methods for monitoring quality of water.
- 7 - 6. To describe principles of solid waste and sewage management in the community and health care settings.
- 8 - 7. To provide students with the current theories and practices relating environmental and human health

Intended Learning Outcomes

Knowledge and Understanding

- * 1. Understand what is environmental health.
- * 2. Explain how environmental change can affect human health and well-being.
- * 3. Explain the role of environmental protection in controlling major environmental health problems.
- * 4. Apply the concept of environmental hazards on their day to day life.
- * 5. Understand health in its physical, mental, social and spiritual context.
- * 6. Conceptualize environment to be an important factor in the interaction of agent and host in the epidemiological or ecological triad.
- * 7. Conceptualize the physical, biological and psychosocial environment and understand their impact on health.
- * 8. Apply basic models based on environmental measurement and monitoring to environmental health.
- * 9. Understand the issues of both environmental and human health.
- * 10. Find out the interrelationship between economic development, the environment, and human health.
- * 11. Understand the decision-making processes that will influence human health and environmental quality

Course Contents

- 1 - ? Concepts and definitions
- 2 - ? Environment in Palestine
- 3 - ? Environmental epidemiology
- 4 - ? Environmental hazards in Palestine
- 5 - ? Outdoor air pollution
- 6 - ? Outdoor air pollution and related diseases
- 7 - ? Indoor air pollution
- 8 - ? Indoor air pollution and related diseases
- 9 - ? Water sources
- 10 - ? Water health in Palestine
- 11 - ? Characteristics of potable water
- 12 - ? Water borne diseases
- 13 - ? Waste water disposal problems in Palestine
- 14 - ? Solid waste and health problems
- 15 - ? Hazardous solid waste and health problems
- 16 - ? Hospital solid waste and health problems
- 17 - ? Food safety
- 18 - ? Soil pollution

Teaching and Learning Methods

- 1 - The course will utilize different teaching and learning methods to achieve the course objectives. For each session the instructor will give an overview of the session and then discussion, group work, presentations and assignments will be carried out with an active participation of students. The students will also be asked to reflect on the readings and handouts from each session. Students Assessment: ? Essay questions ? MCQs ? Evaluation: Final examination 100% ? Attendance and absenteeism will be dealt with according to university regulations.

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
: Final examination 100%		
? Attendance and absenteeism will be dealt with according to university regulations		
? MCQs		
? Essay questions		

Books and References

Course note	Handouts and other references and materials will be assigned for each session. The students are also required to obtain different articles and course materials as part of the course work and assignments.
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