



مركز الاعتماد
وإضمان الجودة
ACCREDITATION & QUALITY ASSURANCE CENTER



The University of Jordan

Accreditation & Quality Assurance Center

Course Syllabus

**Course Name: Epidemiology of
communicable diseases**

1	Course title	Epidemiology of Communicable Diseases
2	Course number	0505708
3	Credit hours (theory, practical)	3
	Contact hours (theory, practical)	1 day per week (3 hours)
4	Prerequisites/corequisites	None
5	Program title	Master in Public Health
6	Program code	
7	Awarding institution	The University of Jordan
8	Faculty	School of Medicine
9	Department	Family and Community Medicine
10	Level of course	Master of Public Health
11	Year of study and semester (s)	Varies
12	Final Qualification	Master in Public Health
13	Other department (s) involved in teaching the course	None
14	Language of Instruction	English
15	Date of production/revision	Yearly

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Farouk Shakhathreh
 Tuesday 10:00 AM-12:30 PM
Farouk3000@hotmail.com
 Tel 0777424443

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

None

18. Course Description:

As stated in the approved study plan.

This course introduces students to common infectious diseases in Jordan as compared to other countries . These diseases will be discussed in terms of causal agents, frequency and distribution, incubation period (IP) ,

reservoir, mode of transmission, control measures and interventions, and Epidemiological investigation.

1. 19. Course aims and outcomes:

2.

A- Aims:

The purpose of this course is to assist students to understand the epidemiology, etiology and risk factors of selected infectious diseases that are common in Jordan. The course provides students with elementary epidemiological terminology and basic concepts/interpretations of research methods, as well as basic biostatistics. This background is necessary in order to properly understand the epidemiological significance of those diseases and to be able to complete a critique of a research article related to the epidemiology of these common infectious diseases.

B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to ...

- Be familiar with the national and global burden of infectious diseases
- Be familiar with most common infectious diseases in Jordan (full description of each)
- Familiar with the key concepts of infectious disease transmission and epidemiological designs that can be used in investigating infectious diseases including outbreaks and epidemics
- Read published papers of infectious diseases to evaluate and interpret their findings.
- Identify how different control and preventive strategies will be effective - or ineffective - for common infectious diseases.
- Understand how to investigate infectious disease and write an article

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Concepts of infectious diseases	2 weeks	r Shakhathreh	Concepts of infectious diseases		
Common infectious diseases in Jordan	3 weeks	Dr Shakhathreh	Common infectious diseases in Jordan		
Investigation of infectious diseases	2 weeks	Dr Shakhathreh	Investigation of infectious diseases		
burden of infectious diseases and preventive strategies	2 weeks	Dr Shakhathreh	burden of infectious diseases and preventive strategies		

Epidemiology transition and Statistical concepts	2 weeks	Dr Shakhathreh	Epidemiology transition and Statistical concepts		
Investigation of Epidemics and critique of a published article	2 weeks	Dr Shakhathreh	Investigation of Epidemics and critique of a published article		
Paper evaluation of each of the common diseases	2 weeks	Dr Shakhathreh	Paper evaluation of each of the common diseases		

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

Seminars/Each student has to participate in presenting at least one seminar
 Class discussion
 Problem solving

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

The students course grade will be primarily determined by a combination of midterm examination, class participation and attendance, and presentation. The final examination will incorporate principles and materials from the required readings and from classroom discussions and lectures.

30% for seminar presentation and discussion
 30% mid-term exam
 40% final exam

23. Course Policies:

A- Attendance policies:

According to the university policies regarding absence.

B- Absences from exams and handing in assignments on time:

According to the university policies

C- Health and safety procedures:

Students may occasionally have personal issues that arise in the course of pursuing higher education or that may interfere with their academic performance. If you find yourself facing problems affecting your

coursework, you are encouraged to talk with the instructor and to seek confidential assistance.

D- Honesty policy regarding cheating, plagiarism, misbehavior:

According to the university policies

E- Grading policy:

30% for seminar presentation and discussion

30% mid-term exam

40% final exam

F- Available university services that support achievement in the course:

As required

24. Required equipment:

PowerPoint/ and videos if needed

25. References:

A- Required book (s), assigned reading and audio-visuals:

1. Johan Giesecke. Modern Infectious diseases Epidemiology. Second edition. Arnold, A member of the Hodder Headline Group. London. 2002. ISBN 0 340 76 423 6.

Optional: Can be used instead of the required book

2. Manya Magnus. Essentials of Infectious Disease Epidemiology. Jones and Bartlett. Sudbury. MA. 2008
ISBN 10: 0-7637-3444-6

B- Recommended books, materials, and media:

1. Mark S. Dworkin. Outbreak investigations. Around the World. Case Studies in Infectious Disease Field Epidemiology. Jones and Bartlett. Sudbury. MA. 2010. ISBN 10: 0-7637-5143-X

26. Additional information:

This course is open for other master students in the School of Medicine

Name of Course Coordinator: -----Signature: ----- Date: ----- Head

of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----

Copy to:
Head of Department
Assistant Dean for Quality Assurance
Course File