



**The University of Jordan**  
**Accreditation & Quality Assurance Center**

**Course Syllabus**  
**Community Medicine**  
**0505205**

QF-AQAC-03.02.01





1	Course title	Community Medicine	
2	Course number	0505205	
3	Credit hours	5 credit hours (all theory)	
	Contact hours (theory, practical)	80 hours	
4	Prerequisites/corequisites	None	
5	Program title	Doctor of Medicine	
6	Program code	---	
7	Awarding institution	The University of Jordan	
8	School	School of Medicine	
9	Department	Family and Community Medicine	
10	Course level	Undergraduate	
11	Year of study and semester (s)	2 <sup>nd</sup> year / first semester	
12	Other department (s) involved in teaching the course	School of Nursing	
13	Main teaching language	English	
14	Delivery method	<input type="checkbox"/> Face to face learning <b>** Blended</b> <input type="checkbox"/> Fully online	
15	Online platforms(s)	<b>** Moodle</b> <b>** Microsoft Teams</b> <input type="checkbox"/> Skype <input type="checkbox"/> Zoom	
		<input type="checkbox"/> Others.....	
16	Issuing/Revision Date	October 4, 2022	

#### 17 Course Coordinator:

Name: Dr. Rania Albsoul  
 Office number: 147/ Dept.Family & Community Medicine  
 Phone number:----  
 Email: [r.absoul@ju.edu.jo](mailto:r.absoul@ju.edu.jo)  
 Contact hours: Available by appointment

#### 18 Other instructors:





Name: Dr. Sireen Alkhalidi Contact hours: Sunday, Monday & Thursday: 12noon - 1pm (individual appointments can be arranged with the teacher via email).

Office number: 135/ Dept. Family & Community Medicine

Phone number: -----

Email: [s.alkhalidi@ju.edu.jo](mailto:s.alkhalidi@ju.edu.jo)

Name: .....

Office number: .....

Phone number:-----

Email:

Contact hours: -----

### 19 Course Description:

This course is designed to deliver knowledge of principles and practice of prevention in primary health care for medical students. It also provides students with core skills in epidemiology and biostatistics essential for medical research. This course highlights important community health domains such as mother and child health, environmental and occupational health, in addition to demography.

### 20 Course aims and outcomes:







16. Identify bias and confounding in epidemiological study designs.		*		
17. Understand the basic statistical concepts and their application to healthcare research.		*		
18. Differentiate between parametric and nonparametric tests and comprehend their underlying assumptions and the conceptual basis of statistical inferences.	*	*		
19. Decide what statistical technique will provide the best answer to a given research question.	*			
20. Develop and understand the necessary computer skills using the SPSS in order to conduct basic statistical analyses.	*			
21. Discuss the practical importance of key concepts of probability, inference, systematic error, sampling error, measurement error, hypothesis testing, type I and type II errors, and confidence bounds.	*	*		
22. Discuss the roles biostatistics serves in public health and biomedical research.	*			
23. Assess data sources and data quality for the purpose of selecting appropriate data for specific research questions		*		
24. Evaluate computer output containing statistical procedures and graphics and interpret it in a public health context.		*		

## 21. Topic Outline and Schedule:




**Community Medicine Lecture timetable / First semester (2022/ 2023):**

Week	Topics	In-class Face-to-Face (Synchronous) lectures	Activities (Asynchronous) (Done by every Sunday Before class)
1 10/10/2022- 14/10/2022  3 in- class 2 online	<b>Primary Health Care (PHC)</b>  Dr. Rania Albsoul	Introduction to PHC and history of its development  Basic concepts of PHC  Health Education	Read the articles provided and answer activity questions.
2 17/10/2022- 21/10/2022  3 in- class 2 online	<b>Maternal and Child Health (MCH)-1</b>  Dr. Rania Albsoul	Introduction to Maternal and Child Health Services  Components of Maternal and Child Health Services  Antenatal Care	Watch the video and answer activity questions.
3 24/10/2022- 28/10/2022  3 in- class 2 online	<b>Maternal and Child Health (MCH)-2</b>  Dr. Rania Albsoul	Maternal Morbidity and Mortality  Infant and Child Health  Adolescence Health	Read the articles provided and answer activity questions.  Watch the video and answer activity questions.
4 31/10/2022- 4/11/2022  3 in- class 2 online	<b>Health services Management (HSM)</b>  Dr. Rania Albsoul	Introduction to Health Services Management  Management Functions and Styles  Management and Motivation	Read the articles provided and answer activity questions.  Watch the video and answer activity questions.

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5 7/11/2022- 11/11/2022 3 in- class 2 online	<b>Demography and introduction to research</b> Dr. Rania Albsoul	Demography  Introduction to research	Watch the video and answer activity questions.
6 14/11/2022- 18/11/2022 3 in- class 2 online	<b>Epidemiology (1)</b> Dr. Sireen Alkhalidi	Introduction to Epidemiology History of Epidemiology Disease causation	Watch video: What is public health?  Watch the video and find out What are the main social determinants of health
7 21/11/2022- 25/11/2022	<b>Midterm Exam</b>	<b>Midterm Exam</b>	<b>Midterm Exam</b>
8 28/11/2022- 2/12/2022 3 in- class 2 online	<b>Epidemiology (2)</b> Dr. Sireen Alkhalidi	Natural History of Disease Epidemiological Study Designs Epidemiological Study Designs	Read CDC (MMWR): Community transmission of SARS-CoV-2 Watch the video: Incidence and Prevalence
9 5/12/2022- 9/12/2022 3 in- class 2 online	<b>Epidemiology (3)</b> Dr. Sireen Alkhalidi	Measures of Association & Screening Association vs. causation Bias and confounding	Read assigned pages from "Outliers" for Malcolm Gladwell and answer questions Watch video for week 3
10 12/12/2022- 16/12/2022 3 in- class 2 online	<b>Biostatistics</b> Dr. ---Diana Arabiat --- -----	Unit 1. Introduction to biostatistics	Watch video – Main Concepts of Biostatistics



11 19/12/2022- 23/12/2022 <b>3 in- class</b> <b>2 online</b>	<b>Biostatistics</b> Dr. ---- Diana Arabiat -----	Unit 2. Descriptive statistics  Unit 3. Probabilities	Watch video – Descriptive statistics on SPSS
12 26/12/2022- 30/12/2022 <b>3 in- class</b> <b>2 online</b>	<b>Biostatistics</b> Dr. -- Diana Arabiat ---- -----	Unit 4. Inferential statistics: Chi-square  Unit 5. Inferential statistics: t-test	Watch video – Chi- square on SPSS  Watch video – t-test on SPSS
13 2/1/2023- 6/1/2023 <b>3 in- class</b> <b>2 online</b>	<b>Biostatistics</b> Dr. Diana Arabiat ----- -----		
14 9/1/2023 13/1/2023	<b>Revision</b>	<b>Revision</b>	<b>Revision</b>
15 16/1/2023- 20/1/2023	<b>Final Exam</b>	<b>Final Exam</b>	<b>Final Exam</b>

Week	Lecture	Topic	SLO	Learning Methods: (Face to Face /Blended/ Fully Online)	Platf- orm	Synchron ous / Asynchro nous Lecturing	Evalu ati-on Metho ds	Resou- rces
1	1.1							
	1.2							
	1.3							
2	2.1							
	2.2							







Week	Lecture	Topic	Student Learning Outcome	Learning Methods (Face to Face/Blended/ Fully Online)	Platform	Synchronous / Asynchronous Lecturing	Evaluation Methods	Resources
	2.3							
3	3.1							
	3.2							
	3.3							
4	4.1							
	4.2							
	4.3							
5	5.1							
	5.2							
	5.3							
6	6.1							
	6.2							
	6.3							
7	7.1							
	7.2							
	7.3							
8	8.1							
	8.2							
	8.3							
9	9.1							
	9.2							
	9.3							
10	10.1							
	10.2							





Week	Lecture	Topic	Student Learning Outcome	Learning Methods (Face to Face/Blended/ Fully Online)	Platform	Synchronous / Asynchronous Lecturing	Evaluation Methods	Resources
	10.3							
11	11.1							
	11.2							
	11.3							
12	12.1							
	12.2							
	12.3							
13	13.1							
	13.2							
	13.3							
14	14.1							
	14.2							
	14.3							





## 22 Evaluation Methods:

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

Evaluation Activity	Mark	Topic(s)	SLOs	Period (Week)	Platform
Midterm Exam	30	Topics of weeks 1-5		During midterm period	In-campus
Activities material	30	Included in Midterm & Final exams		-----	In-campus
Final Exam	40	Topics of week 6-13		During final period	In-campus

## 23 Course Requirements

For blended learning, students should have a computer, internet connection, webcam, and account on Microsoft teams to attend lectures.

## 24 Course Policies:

### Attendance policies:

Attendance and arrival on time is expected. Students who miss more than three class sessions with or without excuse will be accounted from the 10% attendance grade. (See the university policies regarding absence).

### Absences from exams and submitting assignments on time:

Students unable to take a scheduled exam are expected to inform the instructor within 3 days and arrange for a make-up one. Make ups will be given only to students who have notified the instructor and set up an alternate time. Any missed exam will result in a grade of zero for that particular examination type.

### Honesty policy regarding cheating, plagiarism, misbehavior:

Cheating and plagiarism is not tolerated and will be dealt with according to the policies of the of Jordan.

### Grading policy:





The student's course grade will be primarily determined by a combination of midterm examination, class participation and attendance, in school, closed book, multiple choice style final examination. The final examination will incorporate principles and materials from the required readings and from classroom discussions and lectures

Available university services that support achievement in the course: all services are available.

## 25 References:

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

### **Population and Family Health Survey Jordan. 2017**

#### **Demography:**

Arthur Haupt, Thomas T. Kane, And Carl Haub, PRB's Population Handbook, 6th International Edition, 2011

#### **Environment:**

Frumken, H., Environmental Health (from global to local) 3rd edition, 2016

#### **Biostatistics:**

William Mendenhall, Introduction to Probability and Statistics, 15<sup>th</sup> edition, 2019

#### **Epidemiology**

Merrill, Ray (2012). *Introduction to Epidemiology (6<sup>th</sup> Edition)*. Burlington, Massachusetts; United States: Jones & Bartlett.

#### **Leadership and Management**

Neil Gopee and Jo Galloway (2013). *Leadership and Management in Healthcare (2<sup>nd</sup> Edition)*. Washington DC; United States: SAGE Publications Ltd.

B- Recommended books, materials, and media:

Other resources for online and blended classes will be provided by teachers through e learning.





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## 26 Additional information:

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Name of Course Coordinator: Rania Albsoul	-Signature:	Date: 10/ 10/ 2021
Head of Curriculum Committee/Department: -----	Signature: -----	---
Head of Department: -----	Signature: -----	-
Head of Curriculum Committee/Faculty: -----	Signature: -----	-
Dean: -----	Signature: -----	

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