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جامعة العلوم التطبيقية الخاصة  
APPLIED SCIENCE PRIVATE UNIVERSITY



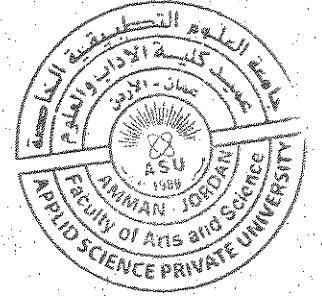
AMMAN - JORDAN

المستوى الذهبي

جامعة كل العرب

Faculty of Arts and Science  
Course Syllabus  
Semester: Second Academic Year: 2020/2021

Course Title: Microbiology for Nursing  
Course No.: 1501150  
Prerequisite: 1501140  
Concurrent: -  
Department: Department of Basic Science and Humanities



Name	Office Number	Office phone	Office hours	E-mail
Dr. Rula Khuzai	7014	1617	Sun, Tues & Thur 10-11 Mon & wed 9:30-11	khuzai@asu.edu.jo

**\* Course Description:**

This course is designed to help the students to gain good broad perspective of community health nursing. The complete health appraisal learned previously is used to guide the concepts of the individuals within the family and the family within the community either in illness or wellness. All concepts of the nursing process within the family and self care framework are applied. Analysis of roles and interactions of the community health nurse with individual, family and community is to be worked upon. Related topics to the primary health care aspects and community health will be applied during the course.

The E-learning platform (Microsoft Teams) will be used for teaching.

Amman – Jordan : عمان – الأردن: \_ Tel: 5609999 \_ فاكس: 5232899 \_

رمز النموذج: UF 28 / 1

رقم القرار 233 / 24

تاريخ الاعتماد 2017/9/18



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## جامعة آل العروبة

### \* Learning Outcomes :

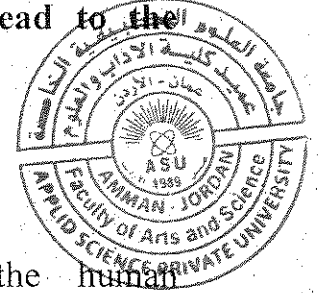
Upon completion of the course, this module should lead to the following learning outcomes:

#### **A. Knowledge and Understanding ( student should ) :**

- A1. Define microorganisms.
- A2. Understand the role of microorganisms in Earth.
- A3. Understand the defense mechanisms of the human respiratory tract.
- A4. Understand the defense mechanisms of the human eye.
- A5. Understand the defense mechanisms of the human urinary tract.
- A6. Understand the defense mechanisms of the human digestive system.
- A7. Understand the defense mechanisms of the human reproductive system.

#### **B. Cognitive and Intellectual Skills :**

- B1. Discuss the physical and chemical methods used to control microorganisms.
- B2. Discuss the types of microorganisms that infect the respiratory tract.
- B3. Discuss the types of microorganisms that infect the eye.
- B4. Discuss the types of microorganisms that infect the urinary tract.
- B5. Discuss the types of microorganisms that infect the digestive system.
- B6. Discuss the types of microorganisms that infect the reproductive system.

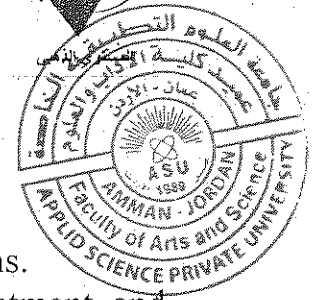




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### C. Subject specific skills :

- C1. Describe types of microorganisms.
- C2. Describe the defense mechanisms of human organs.
- C3. Describe the pathogenesis, clinical feature, treatment and prevention of infectious diseases.

### D. Transferable Skills :

- D1. Apply physical and chemical control mechanisms only wherever needed.
- D2. Relate concepts of microbiology to management of infectious diseases.

### \* Course Contents and Schedule:

Semester Weeks	Subject
1&2	Basic concepts of microbiology
3	Anatomy and growth of bacteria
4	Physical and chemical control
5-7	Upper respiratory tract infections
8	Lower respiratory tract infections
9	Infections of the eye
10	Urinary tract infections
11	Sexually transmitted diseases
12-13	Gastrointestinal tract infections
14	Obstetric and perinatal infections
15-16	Central nervous system infections



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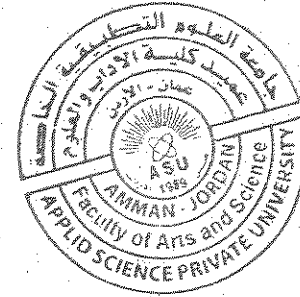
## جامعة كل العرب

### \* Teaching Methods:

- Interactive lectures
- Group discussions
- Self reading

### \* Evaluation:

Midterm exam	30	19/4/2021 (Microsoft teams)
Assignment	20	
Final Exam	50	



### \* Textbook :

1. Alcamo, E. (2006). Fundamentals of Microbiology. California. The Benjamin/ Cummings.
2. Mims, C., Playfair, J., Roitt, I. and Williams, R. (2006). Medical Microbiology. St. Louis.



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جامعة كل العرب

د. رلى خزايعي

Subject Coordinator :Dr. Rula Khuzai

Signature: رلى خزايعي

Head of Curriculum Committee: Dr. Husam Miqdad

Signature: Husam Miqdad

Department Head: Dr. Husam Miqdad

Signature: Husam Miqdad

Dean Faculty: Dr. Hadeel Ailsaed

Signature: Hadeel Ailsaed

Copy to:

- Department Head.
- Head of Curriculum Committee.
- Course File.

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