



AMMAN - JORDAN

المستوى الذهبي

جامعة كل العرب

Course Syllabus
Faculty of Arts and Science

Basic Science and Humanities Department

Academic Year 2021/2022 Semester: Second

Course Title :	Biochemistry for Nursing
Course No. :	1501152
Prerequisite :	1501141, 1501130
Concurrent :
Department :	Basic Science and Humanities
Coordinator :	Dr. Ahmad Sundookah
Mode of Instruction	<u>On-Campus Learning</u> - 2 hours in-class (Synonym) learning

*** Instructor:**

Lecturer	Office Phone	Room No.	Office Hours	E-mail
Dr. Ahmad Sundookah	1577	213	11-2 Mon., Wedn.	a_sundookah@asu.edu.jo

Course Description

This course is concerned with the study of human biochemical reactions that take place in the body during health and illness.

Intended Learning Outcomes

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

A. Knowledge and Understanding (Student should):

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

A1

A. Knowledge and Understanding (student should):

A1. Understand the history and evolution of biochemistry.

A2

. Define the science of biochemistry.

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رمز النموذج: UF 28 / 2

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B. Cognitive and Intellectual Skills (Student should):

- B1 Discuss the biochemical reactions that take place in the body in health and disease.
- B2 Discuss the interaction of biochemical reactions that take place in the body on health and disease.
- B3 Discuss the changes that take place in the body upon shortage or stoppage in certain body enzymes.

C. Subject Specific Skills (Student should):

- C1 Describe the changes in biochemical reactions that take place in the body as the person grows older
- C2 Discuss the differences in biochemical reactions that take place in the body in both sexes.
- C2 Describe the differences in biochemical reactions that take place in the body in health and illness.

Program Learning Outcomes (PLOs):



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9	Tues. 3 May	Metabolism of proteins and amino acids	In class lecture	B1, C1, C2, C3	
10	Tues. 10 May	Metabolism of proteins and amino acids (cont.)	In class lecture	B1, C1, C2, C3	
11	Tues. 17 May	Metabolism of proteins and amino acids (cont.)	In class lecture	B1, C1, C2, C3	
12	Tues. 24 May	Enzymes	In class lecture	B3	
13	Tues. 31 May	Sun. 2 Jan. 22	In class lecture	B3	
14	Tues. 7 June	Metabolism of lipids	In class lecture	B1, C1, C2, C3	
15	Tues. 14 June	Metabolism of lipids (cont.)	In class lecture	B1, C1, C2, C3	
16.	Final Exam				

Grading Plan and Assessment Tools

Assessment Tools	Weights	Due date
Mid-term	30	TBA
Assignments	10	TBA
Quizzes	10	TBA
Inter active lectures	
Group Work	
Presentation	
Reports	
Project	
Case-Study	
Final Exam	50	TBA

Supplementary Reading

Textbook:

Victor W. Rodwell, David Bender, Kathleen M. Botham, Peter J. Kennelly, P. Anthony Weil, Harpers Illustrated Biochemistry 30th Edition, 2014.

References:

Easy Outline Of Biochemistry, Revised Edition, 1st edition, 2011.



ASU
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APPLIED SCIENCE PRIVATE UNIVERSITY

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Subject Coordinator	Dr. Ahmad Sundookah	Signature: -----
Head of Curriculum Committee	Dr. Hussam Miqdad	Signature: -----
Department Head	Dr. Hussam Miqdad	Signature: -----
Faculty Dean	Dr. Hadeel Ali Saed	Signature: -----

Copy to:

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

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