

The University of Jordan/Aqaba

Faculty of Marine Sciences

Department of Marine Biology/Biological Sciences

Second Semester, 2015/2016

Course Syllabus

Course Title: General Biology 2	Course Code: 5501102
Course Level:	Course prerequisite (S) and/ or co-requisite (S):
Lecture Time: 12.00 – 1.00	Credit hours: 3

Academic Staff Specifics				
Name	Rank	Office No.	Office Hours	E-mail Address
Dr. Maroof A. Khalaf	Professor		9.00 – 10.00	m.khalaf@ju.edu.jo

Course module objectives:

- The course will provide the students with the basic understanding of the General Biology, specially on the evolutionary history of biological history, bacteria and archae, protists, plant diversity I, plant diversity II, fungi, introduction to the animal diversity, invertebrates, vertebrates, the course will focus on some of the animal systems e.g regulation, excretion and reproduction.
- The topics covered in this course will allow the students to better comprehend other courses related to Biological Sciences, Zoology and marine vertebrates.

Course module components

Title: Biology Seventh Edition

Author(s)

Publisher: Pearson

ISBN: 0-321-27045-2

- Support material (s): homework, video clips

Teaching methods:

- Lectures, discussion groups, tutorial, problem solving, debates,etc.
- The use of power Point presentations, Illustrations with modules, educational animations, and movies.

Learning outcomes:

- **Knowledge and understanding**
At the end of this module, students will be able to:
 - Know what is Biology and what are the conditions on earth that made the origin of life possible, the new information's that enabled scientists to revise ou understanding of the tree of life.
 - Prokaryotes structure, function, their mode of nutrition, harmful and beneficial impacts on human.
 - Protists and different types of algae, plants diversity and evolution of seed plants, fungi and its impacts on ecosystem and human welfare.
 - Plant diversity I how plant colonized land and plant diversity II on the evolution of seed plant
 - An introduction to animal diversity with both invertebrates and vertebrate animal groups. To have a comprehensive understanding on animal forms and functions focusing on various animal systems.
 - regulation and excretion of different invertebrate and vertebrates taxa

Cognitive skills (Thinking and analysis)

- The thinking skills will be developed by encouraging students to conclude answers to different questions that the instructor intends to use during the presentation of the scientific material.
- The instructor intend to stimulate the student`s analytical thinking side via connections with general aspects in daily life or through questions, net searching, and home works.

Allocation of Marks	
Assessment Instruments	Mark
Mid Term examination	30%
Report, research projects, home works	10%
Quizzes	10%
Final Examination	50%
Total	100%

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Expected workload:

On average students need to spend 2 hours of study and preparations for each 50-minutes lecture.

Attendance Policy:

Absence from lectures and/or tutorials shall not exceed 15%. Students who exceed the 15% limit without a medical or emergency excuse acceptable to and approved by the Dean, the student shall be considered to have withdrawn from the course.