

Course Specification

University: Menoufiya

Faculty: Science

Course Specifications:

Programme (s) on Which the Course is Given: M.Sc. (Comparative anatomy)

Major or Minor Element of Programmes: Minor

Department offering the Program: Zoology

Department offering the Course: Zoology

Academic Year/ Level: postgraduate

Date of Specification Approval:2012

A- Basic Information

Title: Marine Ecology

Code: Z6711

Credit Hours:2

Lecture: 2

Tutorial:0

Practical:-

Total:2

B- Professional Information

1- Overall Aims of the Course: By the end of this course, the student should be able to

- * Study marine ecology.
- * Study animal adaptations to the aquatic habitat.

2- Intended Learning Outcomes of Course (ILOs):

a- Knowledge and Understanding:

The student should be able to :

- a1- Identify aquatic organisms of sea and ocean.
- a2- Illustrate adaptation of aquatic animals to this classification.
- a3- Study marine animals from micro and macrofauna.

b- Intellectual Skills:

b1- Determine the student ability to understand the variation of marine environments and their interactions.

c- Professional and Practical Skills: The student will have knowledge of:

c1- classification of seas.

c2- Identification of aquatic animals.

d- General and transferable Skills:

d1- Improve the ability to work and handle that specialization in oceanography.

3- Contents

Topic	No. of Hours	Lecture	Tutorial / Practical
Sea Types	6	1	-----
Classification	7	3	6
Aquatic Animals	20	10	18
Exams	7	-----	-----

4- Teaching and Learning methods

4.1- Lectures 2hrs/week

4.2-.Practical 2hrs/week

5- Student assessment methods

5.1- Quiz to assess understanding

5.2-2 exams to assess Intellectual skills

Assessment schedule

Assessment 1	Week 4
Assessment 2	Week 8
Assessment 3	Week 12
Assessment 4	Week 14

Weighting of assessments

Mid-term examination	30 %
Final-term examination	60%
Oral examination	10 %
Total	100%
Practical examination	60%
Semester Work	30%
Other Types of Assessment	10%
Total	100%

6- List of references**6.1- Essential books (text books)**

* Marine Biology and Ecology.

Course coordinator: Prof. Dr. El-Syed Ahmad Khallaf

Head of Department: Prof. Dr. Saber Sakr