

Course Specification

University: Menoufiya

Faculty: Science

Course Specifications:

Program(s) on Which the Course is Given: M.Sc. Zoology (protozoa and invertebrates)

Major or Minor Element of Program: major

Department Offering the Program: zoology

Department Offering the Course: zoology

Academic Year/ Level: postgraduate

Date of Specification Approval: 2012

A- Basic Information

Title: Ectoparasites

Code: Z6317

Credit Hours: 3

Lecture: 2

Tutorial: 0

Practical: 2

Total: 3

B- Professional Information

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

* Identify and study the morphology and characters of the different types of ectoparasites.

* Study host parasite relationships.

2- Intended Learning Outcomes of the Course (ILOs):

a- Knowledge and Understanding:

a1- Compare between the different ectoparasites.

a2- Define factors influencing parasites prevalence.

a3- Study ectoparasites interaction with their hosts.

a4- Study the economic importance of different forms of parasitized hosts.

b-Intellectual Skills:

b1- Know the economic importance of different forms of parasitized hosts.

b2- Compare between the different ectoparasites.

B3- Define factors influencing ectoparasites prevalence.

c- Professional and Practical Skills:

c1- Identify specimens of ectoparasites to see the structure of different species.

c2- Measure factors affecting their prevalence.

d- General and Transferable Skills:

d1- Choose appropriate internet experience to build the course material.

d2- Improve writing ability

d3- Improve oral communication during the course.

3- Contents:

Topic	No. of Hours	Lecture	Tutorial/ Practical
Introduction	3	1	1
Ectoparasites of fishes	7	2	3
Ectoparasites of Amphibia	7	2	3
Ectoparasites of Arthropoda	7	2	3
Arthropoda as ectoparasites	7	2	3
Interaction between ectoparasites and their hosts	4	2	0
factors influencing ectoparasites prevalence	2	1	0

4- Teaching and Learning Methods:

4.1- Lectures.

4.2- Research assignment.

4.3- Oral presentation.

4.4- Exams.

5- Student Assessment Methods:

- 5.1-Reports to assess collection of course material.
- 5.2- Report oral defense to assess understanding the report.
- 5.3-Mid term exam to assess Mid term performance.
- 5.4-Final term exam to assess end of course performance.

Assessment Schedule:

- Assessment1 reports Week 1 report every 3 weeks.
- Assessment2 report defense Week every 3 weeks.
- Assessment3 Mid term Week mid term.
- Assessment4 final term exam Week final term.

Weighting of Assessment

Mid-Term Examination	20 %
Final-Term Examination	40%
Oral Examination	10%
Practical Examination	20%
Semester Work	10%
Other Types of Assessment	0%
Total	100%
Any Formative only Assessment	

6- List of References:

6.1- Essential Books(Text Books):

- * Text book of Parasitology

6.2- Recommended Books

- * Parasitology

6.3- Periodicals, Web Sites, ...etc

- * Journal of Parasitology

7- Facilities Required for Teaching and Learning:

- * Slides and overhead projector.
- * Microscopes
- * Lecture room with white board
- * Data show

Course coordinator: Dr. Azza Hassan Mohamed

Head of Department: Prof. Dr. Saber Sakr