

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: parasitic invertebrates control methods

Code: Z6319

Credit Hours: 3

Lecture: 2

Tutorial: 0

Practical: 2

Total: 3

B- Professional Information

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

* Identify and study the shape and characters of the ecto and endoparasites

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

a- Knowledge and Understanding:

A1- Recognize the parasites.

A2- Distinguish between the parasitic invertebrates

A3- Understand the different mechanisms of control with examples.

A4- Study the integrated control.

b-Intellectual Skills:

b1- Measure the student capability to differentiate between the ecto and endoparasites

B2- Define the different methods of control.

c- Professional and Practical Skills:

c1- Demonstrate skills in identification, characterization of parasites.

C2- Distinguish between ecto and endoparasites.

C3- Able to use different control methods chemical, mechanical and biological controls.

d- General and Transferable Skills:

d1- Use the appropriate technology such as (internet) for scientific research.

D2- Use appropriate lab equipment.

D3- Utilize the oral communication skills.

D3- D4- Measure the scientific writing ability.

3- Contents:

Topic	No. of Hours	Lecture	Tutorial/ Pract
Introduction	3	1	1
Ectoparasites	5	2	2
Endoparasites	5	2	2
Chemical control of parasites with examples	5	2	2
Biological control of parasites with examples	5	2	2
Mechanical control of parasites with examples	5	2	2
Effect of pollution on parasite prevalence	3	1	2
integrated control with examples	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
- * Insect biology

6.2- Recommended Books

- * Human parasitology
- * Parasitology (Mecrell)

6.3- Periodicals, Web Sites, ...etc

- * Journal of Parasitology
- * Parasitology today

7- Facilities Required for Teaching and Learning:

- * Slides and overhead projector.
- * Microscopes
- * Data show

Course coordinator: Dr. Azza Mohamad Hassan

Head of Department: Prof. Dr. Saber Sakr