

A- Basic Information

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| Programme(s) on which the course is given: | MSc of Fish Biology and Aquatic Ecology |
| Department responsible for offering the course: | Zoology |
| Department responsible for teaching the course: | Zoology |
| Academic year: | 2012-2013 |
| Course title and code: | Fish Diseases Z685 |
| Contact hours (credit hours): | Lecture: 2 hrs Practical: Total: 2 hrs |
| Course coordinator: | Prof. Elsayed Khallaf |

B- Professional Information

The course aim and intended learning outcomes are based on that mentioned in the programme specifications, with more course-related specific details.

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

- * Outline the concepts of fish diseases.
- * Identify the principles of fish diseases types.
- * Differentiate between the specifications of each type of disease.
- * Identify the different types of inflectional and noninfectious diseases..

2- Intended Learning Outcomes of Course (ILOs):

a- Knowledge and Understanding:

- a1- Describe the basic knowledge of fish diseases.
- a2- Summarize the information on different types of diseases.
- a3- Identify the type of disease of a fish.
- a4- Outline the modes of diseases.

b- Intellectual Skills:

- b1- Classify the different various types of fish diseases.
- b2- Compare fish diseases types.
- b3- Describe the various modes of fish diseases.
- b4- Identify the fish disease and its mode of action.

c- Professional and Practical Skills:

c1- Supply information on fish diseases and their adverse effects.

c2- Expert in fish diseases and methods of treatment.

d- General and Transferable Skills:

d1- Enumerate different types of fish diseases.

d2- Acquire a suitable experience to deal with fish diseases.

3- Teaching and Learning Methods

- Lectures.

- Quizzes assignment.

- Case essays.

4- Student Assessment Methods

- Written Exams.

- Oral exams

- Reports.

- Oral presentation

Assessment schedule

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|--------------|-------------------|---------|
| Assessment 1 | Assignment report | Weekly |
| Assessment 2 | Mid-term exams | Week 7 |
| Assessment 3 | Oral exams | Week 10 |
| Assessment 4 | Final term exams | Week 14 |

Weighting of assessments

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|------------------------|------------|
| Mid-term examination | 20% |
| Final-term examination | 40% |
| Oral examination | 10% |
| Practical examination | 20% |
| <u>Semester work</u> | <u>10%</u> |
| Total | 100% |

6- List of references

0. Course Notes

Related websites.

1. Essential Books (Text books):

Text books on fish diseases.

2. Internet web sites.

Research papers related fish diseases.

7- Facilities required for teaching and learning

* Data show.

* Slide and over-head projector.

* Librarian facilities.

* Computers with internet Access.

Course coordinator: Prof. Elsayed Khallaf

Head of Department: Prof. Saber Sakr