

A- Basic Information

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 Behaviour Z681
Contact hours (credit hours):	Lecture: 2 hrs Practical: Total: 2 hrs
Course coordinator:	Prof. Dr. 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 behaviour.
- * Identify the principles of fish behaviour types.
- * Demonstrate the ability to differentiate the specifications of different modes of behaviour.
- * Identify behaviour of fish and relation to spawning, feeding and predation.

2- Intended Learning Outcomes of Course (ILOs):

a- Knowledge and Understanding:

- a1- Describe the concepts of fish behavior.
- a2- Summarize the spawning, feeding and predation behaviour.
- a3- Identify the modes of behaviour.
- a4- Outline the importance of behaviour in survival.

b- Intellectual Skills:

- b1- Classify the different various types of fish behaviour.
- b2- Compare between fish behaviour types of being freshwater or marine.

- b3- Describe the various modes of fish behaviour.
- b4- Identify the relationship between behaviour of fish and the fish live stages.

c- Professional and Practical Skills:

- c1- Supply information on fish behaviour.
- c2- Provide the needed information for odd behaviour of fish.
- c3- Expert in behaviour of fish.

d- General and Transferable Skills:

- d1- Enumerate different types of fish behaviour.
- d2- Supply the criteria to deal with odd behaviour of fish.

3- Teaching and Learning Methods

- Lectures.
- Research assignment.
- Case essays.
- Oral presentation.

4- Student Assessment Methods

- Written Exams.
- Oral exams
- Reports.

Assessment schedule

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

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 of Fish Behaviour.

2. Internet web sites.

Research papers related to fish behaviour.

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