

### A- Basic Information

<b>Programme(s) on which the course is given:</b>	MSc of Fish Biology and Aquatic Ecology
<b>Department responsible for offering the course:</b>	Zoology
<b>Department responsible for teaching the course:</b>	Zoology
<b>Academic year:</b>	2012-2013
<b>Course title and code:</b>	<b>Economic Importance of Fish Z687</b>
<b>Contact hours (credit hours):</b>	Lecture: 2 hrs      Practical: Total: 2 hrs
<b>Course coordinator:</b>	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 economic importance.
- \* Identify the different types of aquatic habitats of the world.
- \* Identify the importance of fish as a food.
- \* Describe the variability of different fish species and their propagation in the world.
- \* Recognize the economic importance of fish and their role among natural resources and human society.

#### **2- Intended Learning Outcomes of Course (ILOs):**

##### **a- Knowledge and Understanding:**

- a1- Describe the basic methods of fish economics.
- a2- Identify the different types of fish as food.
- a3- Outline the necessity of fish in the trophic chain and human consumption.
- a4- Present the economic, social and anthropogenic effects of fish production.

**b- Intellectual Skills:**

- b1- Classify the differences between freshwater and marine fish.
- b2- Define the issues that may arise in fish economics.
- b3- Analyze the ability of developed countries to produce fish as food.
- b4- Recommend the necessary steps for successful economics in fish.

**c- Professional and Practical Skills:**

- c1- Deal with fish economic production of a specific aquatic habitat.
- c2- Expert on giving recommendations to successful economic fish production.

**d- General and Transferable Skills:**

- d1- Handle fish production problems.
- d2- Enumerate the economic benefit of fish.
- d3- Illustrate the management requirements of fish as an important food resource.

**3- Teaching and Learning Methods**

- Lectures.
- Quiz assignments.
- Case essays.

**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**

**1. Course Notes**

Related websites.

**2. Essential Books (Text books):**

Related text books.

**3. Internet web sites.**

**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