

Biology

Benha University

Faculty: Veterinary Medicine

Program on which the course is given: Bachelor of Veterinary Medical Sciences

Department offering the course: Biology Department, faculty of Science.

Academic year/level: 1st year

Date of specification approval: Ministerial Decree No 921, on 15/9/1987

(Then approved in this recent template by department council on 12/2/2009)

A- Basic Information

Title: Biology (Botany & Zoology)

Code: Vet 00618

Lecture: 4 h/W

Practical: 4 h/W

Total: 8 h/W

B- Professional Information

1- Overall aims of course:

Aim of teaching this course is to provide the students with:

- The basic information about the plants physiology and systematic zoology.

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

a-Knowledge and understanding :

After successful completion of this course the students should have:

- a.1. Basic knowledge about the plant cell physiology & structure .
- a.2. Basic information about Algae, bacteria, Fungi .
- a.3. Comprises the taxonomy of animal kingdom in phyla, classes, orders, family & Genus .

b-Intellectual skills :

After successful completion of this course the students should have:

- b.1. The basic knowledge about the methods of studying the age, growth and fecundity as well as habits of different plants & fishes .

c-Professional and practical skills :

After successful completion of this course the students should acquire:

- c.1. Practical skills on Egyptian fauna characters .
- c.2. Professional information about the physical characters of colloid & diffusions.

d-General and transferable skills :

After successful completion of this course the students should be able to:

- d.1. A good knowledge about the plants & fishes .
- d.2. Helps the studying in the veterinary medical sciences especially at 4th & 5th year .

3- Contents:

Topic	No. of hours	Lecture	Practical
Plant physiology	60	30	30
Zoology	60	30	30
Total	120	60	60

4- Teaching and learning methods:

- 4.1. Lectures.
- 4.2. Laboratories.

5- Student assessment methods:

- 5.1. Practical examination to assess knowledge, practical and intellectual skills.
- 5.2. Written examination to assess knowledge and intellectual skills.

Assessment schedule:

- Assessment 1: Practical examination week 13
- Assessment 2: Written examination week 15

Weighing of assessments:

Practical examination	50	%
Final- term examination	50	%
Other types of assessment	0	%
Total	100	%

6- List of references:

6.1. Course notes: Department books.

7- Facilities required for teaching and learning:

- Well equipped lecture hall.
- Biology lab.

Course Coordinators:

Prof.Dr. Mahmoud Sewalim

Prof.Dr. Hassan Shams

Prof.Dr. Mohamed El-Sayed Abd El hamid

Prof.Dr.Mohamed Nagy Mohamed

Date: