

Date Prepared: August 2, 2003

New       Revised  
(Check One)

Effective Date: Fall 2003

### **COURSE OUTLINE**

1. COURSE PREFIX and NUMBER: **BIO 102** CREDIT HOURS: 4

2. COURSE TITLE: **General Biology II**

3. PREREQUISITES: BIO 101

4. COURSE DESCRIPTION: Explores fundamental characteristics of living matter from the molecular level to the ecological community with emphasis on general biological principles. Introduces the diversity of living organisms, their structure, function and evolution. Lecture 3 hours. Recitation and laboratory 3 hours. Total 6 hours per week.

5. CONTENT: (Major Headings)

- a. biology of plants
- b. the origin of animals
- c. biology of populations
- d. ecology

6. GENERAL COURSE OBJECTIVES:

Upon successful completion of the course, the student will be able to:

- a. Describe the diversity of living organism.
- b. Understand basic physiology and anatomy of animal and plant systems.
- c. Relate organisms to the study of evolution and ecology.