Course Prefix and Number:  BIO 270  

Credits:  3

Course Title:  General Ecology

Course Description:  Studies interrelationships between organisms and their natural and cultural environments with emphasis on populations, communities, and ecosystems. Prerequisites: BIO 101 and 102 or departmental approval. Lecture 2 hours. Recitation and laboratory 3 hours. Total 5 hours per week.

General Course Purpose:  The content covered in this course is equivalent to that of an introductory, college-level, ecology course. Credit for this course satisfies the requirement of a science laboratory class for the AS in Science degree.

Course Prerequisites and Co-requisites:
Prerequisites: BIO 101 and BIO 102 or departmental approval.

Student Learning Outcomes:
Upon completing the course, the student will be able to
a. Understand environmental science;
b. Use critical thinking skills to evaluate scientific and technical issues both personally and more globally; and
  c. Understand key concepts of biology, chemistry, and physics, and relate them to social, political, and ethical issues.

Major Topics to Be Included:
a. Ecosystems
b. Populations
c. Communities

Date Created/Updated (Month, Day, Year):  January 23, 2019