

Date Prepared: May 4, 2004

New Revised
(Check One)

Effective Date: Summer 2004

COURSE OUTLINE

1. COURSE PREFIX and NUMBER: **BIO 199** CREDIT HOURS: 3
2. COURSE TITLE: SUPERVISED STUDY IN BIOLOGY
3. PREREQUISITES: Biology 101-102
4. COURSE DESCRIPTION: Special and supervised advanced study of biology.
5. CONTENT:
 - a. GENERAL Study of Coastal Sand Dune Ecology
 - b. SPECIFIC Study and Laboratory Work on the Structure and Zonation of Coastal Sand Dunes
 - c. SPECIFIC Study and Laboratory Work on Flora and Fauna of Eastern Shore Virginia and Maryland Coastal Dunes
 - d. RESEARCH of Anthropogenic Impact on Dune Habitats and Structure
 - e. STRATEGIES to Minimize Anthropogenic Impact on Dune Habitats and Structure
6. GENERAL COURSE OBJECTIVES:

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

- a. Identify the Zones and Topographical Features of a Coastal Virginia Sand Dune
- b. Identify the different Macro-flora of a Sand Dune Habitat
- c. Identify the different Macro-fauna of a Sand Dune Habitat
- d. Understand the Negative Impacts of Specific Human Activities on the Dunes
- e. Articulate the Best Strategies for Preservation of Coastal Sand Dunes