Administrative Unit: Science Department

Course Prefix and Number: ENVS 251

Course Title: Resource Management

Number of Credit Hours: 3  Lecture Hours: 3  Laboratory Hours: 0

Catalog Description: An introduction to the global range of natural resources, the economic and political contexts of their development and the resulting physical and societal impacts. Cross-listed as GEOG 251. Prerequisite: GEOG 101.

Prerequisite(s)/Corequisite(s): GEOG 101.

Text(s): Recommended types of texts: textbooks listed are not necessarily the textbook(s) used in the course.


Course Objectives:

- To identify the factors underlying local, regional, national and global resource issues.
- To describe the considerations involved in ecosystem management.
- To apply the concept of sustainability to resource management.

Measurable Learning Outcomes:

- Summarize the uses of the environment to benefit societies.
- Illustrate the impact of resource development on various levels of the environment.
- Demonstrate how the economy affects patterns of resource development.
- Explain the role of political processes in developmental decisions.
- Evaluate resource management decisions.

Topical Outline (major areas of coverage):

- Resources, technology and society.
- Economic factors in resource development.
- Political factors in resource development.
- Environmental and societal impacts of resource development.
- Energy and mineral resources.
- Soil and water resources.
- Biological resources.
• Resource management: present and future concerns.

Recommended maximum class size for this course: 35

Library Resources: Online databases are available at http://www.ccis.edu/offices/library/resources.asp. You may access them from off-campus using your eServices login and password when prompted.

Prepared by: Julie Estabrooks, Ph.D. ________________________________

Name Signature

Date: January 23, 2005 ______________________

NOTE: The intention of the master syllabus is to provide an outline of the contents of this course, as specified by the faculty of Columbia College, regardless of who teaches the course, when it is taught or where it is taught. Faculty members teaching this course for Columbia College are expected to facilitate learning pursuant to the course objectives and cover the subjects listed in the topical outline. However, instructors are also encouraged to cover additional topics of interest so long as those topics are relevant to the course’s subject. The master syllabus is, therefore, prescriptive in nature but also allows for a diversity of individual approaches to course material.

Office of Academic Affairs
12/04