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| **PROFESSOR:** | **PHONE NUMBER:** |
| **OFFICE LOCATION:** | **E-MAIL:** |
| **OFFICE HOURS:** | **SEMESTER:** |

1. **COURSE NUMBER AND TITLE, CATALOG DESCRIPTION, CREDITS:**

**BSC 1050 ENVIRONMENTAL BIOLOGY: OUR GLOBAL ENVIRONMENT (3 CREDITS)**

This class, designed for non-science majors, approaches topics in environmental science by studying the impact of humans. Contemporary ecological issues are explored in relation to problems of local, regional, national, and global concerns. The format of the class involves combined lecture, lab, and field trip activities including discussions of local problems, as well as national and global issues.

1. **PREREQUISITES FOR THIS COURSE:**

SB 1720 Testing Exemption or successful completion of all Developmental courses

**CO-REQUISITES FOR THIS COURSE:**

None

1. **GENERAL COURSE INFORMATION:** Topic Outline.

• The processes, systems and interactions that underlie population and ecosystem dynamics

• Current environmental concerns and the events and processes that lead to the current condition of the environment including

o Atmospheric dynamics and the causes, problems, and potential solutions to air pollution

o Water cycles and the causes, problems, and potential solutions to water and groundwater pollution

o Soil dynamics and the causes, problems, and potential solutions to soil pollution

o Population dynamics and the problems of overpopulation and over-consumption, including agricultural issues

o Land use problems (range management, desertification, deforestation, salinization, urban sprawl) and potential solutions

o Biodiversity and preservation of rainforest and other land, aquatic and marine ecosystems

• Political issues, environmental regulations, environmental organizations and their impacts on environmental pollution and cleanup

• Projections for the future of the environment and how current policies and practices will impact future conditions

1. **All courses at Florida SouthWestern State College contribute to the general education program by meeting one or more of the following general education competencies:**

**C**ommunicate clearly in a variety of modes and media.

**R**esearch and examine academic and non-academic information, resources, and evidence.

**E**valuate and utilize mathematical principles, technology, scientific and quantitative data.

**A**nalyze and create individual and collaborative works of art, literature, and performance.

**T**hink critically about questions to yield meaning and value.

**I**nvestigate and engage in the transdisciplinary applications of research, learning, and knowledge.

**V**isualize and engage the world from different historical, social, religious, and cultural approaches.

**E**ngage meanings of active citizenship in one’s community, nation, and the world.

**A.**  **General Education Competencies and Course Outcomes**

1. Listed here are the course outcomes/objectives assessed in this course which play an integral part in contributing to the student’s general education along with the general education competency it supports.

General Education Competency: **Evaluate**

Course Outcomes or Objectives Supporting the General Education Competency Selected:

* Analyze ecosystems, how they interact, and their importance.
* Appraise and assess the link between the historical and contemporary impacts of humans on the environment.
* Recognize the choices and trade-offs presented when addressing the challenges of the modern environment.
* Defend technological approaches proposed for solving environmental problems.
* Appraise the different cultural approaches to problem-solving, particularly between developed and developing societies.
* Compare and contrast the issues and problems discussed in the course and the impact of choices made in the conduct of one’s personal life.
* Develop connections between global, regional and local issues, and make informed political decisions.

1. **DISTRICT-WIDE POLICIES:**

**Programs for Students with Disabilities**

Florida SouthWestern State College, in accordance with the Americans with Disabilities Act and the College’s guiding principles, offers students with documented disabilities programs to equalize access to the educational process. Students needing to request an accommodation in this class due to a disability, or who suspect that their academic performance is affected by a disability should contact the Office of Adaptive Services at the nearest campus. The office locations and telephone numbers for the Office of Adaptive Services at each campus can be found at <http://www.fsw.edu/adaptiveservices>.

**REPORTING TITLE IX VIOLATIONS**

Florida SouthWestern State College, in accordance with Title IX and the Violence Against Women Act, has established a set of procedures for reporting and investigating Title IX violations including sexual misconduct.  Students who need to report an incident or need to receive support regarding an incident should contact the Equity Officer at [equity@fsw.edu](mailto:equity@fsw.edu).  Incoming students are encouraged to participate in the Sexual Violence Prevention training offered online.  Additional information and resources can be found on the College’s website at <http://www.fsw.edu/sexualassault>.

1. **REQUIREMENTS FOR THE STUDENTS:**

List specific course assessments such as class participation, tests, homework assignments, make-up procedures, etc.

1. **ATTENDANCE POLICY:**

The professor’s specific policy concerning absence. (The College policy on attendance is in the Catalog, and defers to the professor.)

1. **GRADING POLICY:**

Include numerical ranges for letter grades; the following is a range commonly used by many faculty:

90 - 100 = A

80 - 89 = B

70 - 79 = C

60 - 69 = D

Below 60 = F

(Note: The “incomplete” grade [“I”] should be given only when unusual circumstances warrant. An “incomplete” is not a substitute for a “D,” “F,” or “W.” Refer to the policy on “incomplete grades.)

1. **REQUIRED COURSE MATERIALS:**

(In correct bibliographic format.)

1. **RESERVED MATERIALS FOR THE COURSE:**

Other special learning resources.

1. **CLASS SCHEDULE:**

This section includes assignments for each class meeting or unit, along with scheduled Library activities and other scheduled support, including scheduled tests.

1. **ANY OTHER INFORMATION OR CLASS PROCEDURES OR POLICIES:**

(Which would be useful to the students in the class.)