



## STUDENT LEARNING OUTCOMES

### COLLEGE OF COMMUNITY INNOVATION AND EDUCATION ENVIRONMENTAL SCIENCE - B.S.

#### Discipline Specific Knowledge, Skills, Behavior and Values

1. Students will be able to apply critical thinking (including systems thinking) to understand and address environmental challenges.
2. Students will demonstrate the ability to use GIS to generate insights into environmental systems; and students will engage in research in Environmental Science.

#### Critical Thinking

1. Environmental Science students will demonstrate the ability to apply scientific concepts within an interdisciplinary context as they relate to sustainability.
2. Students will demonstrate the ability to use GIS to generate insights into environmental systems; and students will engage in research in Environmental Science.
3. Students will be able to convey scientific concepts pertaining to environmental systems to a multidisciplinary audience and work collaboratively with others.

#### Communication

1. Environmental Science students will demonstrate the ability to apply scientific concepts within an interdisciplinary context as they relate to sustainability.
2. Students will be able to convey scientific concepts pertaining to environmental systems to a multidisciplinary audience and work collaboratively with others.

#### Assessment of Environmental Science - B.S. Outcomes

These outcomes will be assessed using a variety of assessment methods, including:

- Tests
- Research projects
- Papers
- Oral and written presentations
- Portfolios
- Presentation rubrics