

## **Global Environmental Science Program Learning Outcomes**

Students completing the Global Environmental Science degree program will be able to:

1. Define and explain the basic principles and concepts of chemistry, physics, biology, calculus, geology, geophysics, meteorology, and oceanography.
2. Apply their understanding of the fundamentals of science and mathematics to the description and quantification of the interactions of the atmosphere, hydrosphere, lithosphere, and biosphere, including humans.
3. Employ the scientific approach to problem solving, and hypothesis formation and testing.
4. Conduct scientific research, and analyze and evaluate results.
5. Demonstrate information literacy by collection and evaluation of scientific literature.
6. Express themselves clearly and concisely in written form.
7. Demonstrate skilled delivery of well organized informal and formal oral presentations.