

# ENVIRONMENTAL SCIENCE

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The goals of the Environmental Science program are to:

- a. Meet the needs of students who are majoring in one of the diverse fields encompassed by environmental science, and;
- b. Provide options for students fulfilling general education science requirements.

Awareness of the issues of environmental quality is increasingly important in business, industry, and government. The growing human population and increasing consumption of resources are creating unprecedented pressures on our planetary life support systems. Environmental science majors need to complete an interdisciplinary set of core requirements that provide a basic understanding of the physical, biological, and social sciences and the relevance of these sciences to environmental processes and issues.

In addition, the coursework will prepare students for related baccalaureate majors, including: biology, chemistry, engineering, geography (including emphasis in geographic information systems (GIS)), geology, mathematics, oceanography, and physics. For non-majors, the program's goal is to educate students to make better-informed choices about key environmental and health issues.

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## Contact Information

Division: Science (PS - 148)

Division Phone Number: (909) 384-8645

Faculty Chairs: Todd Heibel (theibel@sbccd.edu), Ph.D. and Matthew Robles (mrobles@sbccd.edu), M.S.

Counselor Liaisons: Elizabeth Banuelos (ebanuelos@sbccd.edu), M.S. and Erica Begg (ebegg@sbccd.edu), M.S.

STEM Counselors: Daniele Smith-Morton (dasmith@sbccd.edu), Ed.D. and Abena Weber (awahab@sbccd.edu), Ed.D.

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- Environmental Science Associate in Science for Transfer Degree
  - Environmental Science Associate of Science Degree

### ENVSCI 100 3 Units

#### Introduction to Environmental Science

**Lecture:** 54 contact hours

**Advisory:** Eligibility for college level English and Mathematics based on the SBVC Guided-Self Placement process.

This course is an introduction to environmental issues from a scientific perspective. It focuses on physical, chemical, and biological processes within the Earth system, the interaction between humans and these processes, environmental racism and environmental justice, and the role of science in finding sustainable, culturally appropriate solutions.

**Associate Degree Applicable**

**Transfers to both UC/CSU**