

Outcomes

With a degree in natural science, careers are possible in:

- Biochemistry/biology graduate school research
- Drug Development / Pharmaceutical Industry
 - Laboratory Research and Development Specialist / Manager
 - Laboratory Quality Control Specialist / Manager
 - Forensic Science
 - Agricultural and biomedical research
 - Biodegradation / bioremediation research
 - Pesticide / insecticide / herbicide development
 - Patent Law
 - Education / Teaching
 - Energy Production / Alternative Energy Development
 - Environmental Advocacy

Contact Information

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Program Description

The Department of Natural Science offers a Natural Science Field Endorsement for Secondary Education. The endorsement provides students with a broad understanding of disciplinary knowledge in a primary field (either biology or chemistry), and several secondary fields (biology, chemistry, physics, physical science). As a major in natural science, you will take a broad array of courses in humanities, social sciences, and the arts, in addition to those in biology, chemistry, and math. Students seeking the Natural Science Field Endorsement complete general education courses and teacher education courses, as well as their coursework in the sciences.

PSC Points of Distinction

- Faculty expertise in biochemistry, biodiversity, ecology, evolutionary biology, systematics, entomology, vertebrate biology, and parasitology.
- All faculty members have earned PH.D.'s in their field of expertise.
- Numerous opportunities for independent undergraduate research, including publication and presentation of results at regional, national, and international meetings.
- Laboratories are personally taught by professors responsible for the course.
- Many laboratories have significant field components, with hands-on work in local streams, rivers, ponds, lakes, and terrestrial habitats.
- Graduates with high rates of acceptance into their first choice of graduate school or placement in local, regional, and national organizations.
- Choice of emphasis in the Natural Science option, including biology and biochemistry.
- Instructional format permits the students personal and extended contact with faculty and individualized guidance during throughout all coursework.
- Each program at Peru State College is reviewed on a continual basis and coursework is updated to meet industry and academic standards.
- Students completing a degree at Peru State College are prepared to attend the nation's top graduate schools in all program areas.
- Minor in a subject area outside of the major is simple at Peru State and can broaden the scope of knowledge and can improve employment prospects for any student.

Facilities

The recently-renovated Hoyt Science Building with the new Vrtiska addition is the primary building for students pursuing a degree in natural science. With new laboratories and state-of-the-art equipment available for student use, this facility has everything needed to learn about their field. Faculty offices are located throughout the building where classrooms are available as well.

Faculty

Mike Barger, Ph.D., Associate Professor of Biology
Richard Clopton, Ph.D., Professor of Biology
John Hnida, Ph.D., Associate Professor of Biology
Daryl Long, Ph.D., Professor of Science
Dennis Welsh, Ph.D., Assistant Professor of Chemistry

Courses Required

In addition to the general studies requirements, students must take a variety of science courses in biology, chemistry and physics to complete this degree. The progress sheet for this major includes a listing of all coursework required for the natural science major in addition to the general studies courses.

<http://www.peru.edu/artsandsciences/programs/>