

EMPHASIS: Geology
Geography
Oceanography
Astronomy
Meteorology
DEGREE: Associate in Science

Purpose:

The degree program in Earth Sciences transfers to four-year colleges and universities. Completion of the program qualifies a student for junior standing at most four-year colleges and universities in Washington except in astronomy at the University of Washington, and reasonably assures qualification outside of the state. The program will not qualify students for junior standing in astronomy at the University of Washington because only one year of physics with calculus is offered at Centralia College. Students not prepared to enter MATH& 131 and CHEM& 121 should plan on more than four years to complete a bachelor's degree in one of the earth sciences. For those students, a three-year program of study at Centralia College, carefully planned with an advisor, is recommended.

Many transfer schools have language requirements for admission or for certain kinds of bachelor's degrees. Graduate work in science may require a foreign language, probably German, French, or Russian.

The program outlined below is more rigorous in mathematics, chemistry, and physics than minimum requirements at some four-year colleges and universities for some earth sciences. Substitution of less rigorous courses is not generally recommended.

Program Outcomes:

Please refer to the Distribution Requirements and their criteria listed in the Centralia College catalog.

Learning Themes:

General education outcomes at Centralia College help students, faculty, and the general public identify learning expected when a student has completed a degree or program. The administration, faculty, and staff have agreed upon the following five Learning Themes which students can expect to encounter in their courses by the completion of any degree.

Reasoning:

The ability to extract information from data, develop ideas and solutions, establish logical progression in thinking, and problem solve using such procedures as literary analysis or the scientific methods.

Written, Oral and Visual Communication:

The ability to make oneself understood in public, interpersonal, professional, artistic, and technical arenas.

Exploration-Self and Others:

An awareness of the values, beliefs, customs, and contributions of persons from one's own and other traditions, ethnicities, classes, and genders.

Resourcefulness:

The ability to adapt to change, such as technological innovations or environmental conditions.

Responsibility:

The ability to be accountable to self, society, and the natural world.

Centralia College has direct AA-degree transfer agreements with the following colleges:

Bastyr University - Central Washington University - City University - Cornish College of the Arts - Eastern Washington University - Gonzaga University - Heritage University - Northwest University - Pacific Lutheran University - Saint Martin's University - Seattle Pacific University - Seattle University - The Evergreen State College - Trinity Lutheran College - University of Washington - Washington State University - Western Washington University - Whitworth College

Estimated Quarterly Program Costs (subject to change without notice)

Resident Tuition (15 credits) and fixed fees*:	\$1427
US Citizen Nonresident Tuition (15 credits) and fixed fees*:	\$1576
Non US Citizen Nonresident Tuition (15 credits) and fixed fees*:	\$3381
*Tuition is subject to change due to State Legislative actions	
Books and supplies (estimate):	\$427
Lab fees:	Refer to quarterly class schedule.

Centralia College does not discriminate against any person on the basis of race, color, national origin, disability, sex, genetic information, or age in admission, treatment, or participation in its programs, services and activities, or in employment. All inquiries regarding compliance with access, equal opportunity and/or grievance procedures should be directed to the Centralia College Vice President of Human Resources and Legal Affairs, 600 Centralia College Blvd., Centralia, WA 98531.