Masters of Science Degree Program

Areas of Specialization

Tectonics: Paleoseismology, image processing, earthquake hazards, GPS geodesy, structural geology

Environmental Geochemistry: Environmental geochemistry, isotope hydrology, and hydrogeology

Geophysics: Crustal deformation, seismology, GPS geodesy, continental dynamics, and applied geophysics

Geomorphology & Climate Change: Fluvial processes, paleoearthology, ice core records, and Quaternary geology

Petroleum/Volcanology: Isotope geochemistry, igneous and metamorphic petrology, geochronology, volcanology

Earth Science Education

Application Deadline: February 1

Research Facilities

Research Computing
- Computational Geophysics Laboratory
- Remote Sensing, Image Processing, GIS Laboratory

Geodesy Laboratory
- Principal Data Processing Center for Plate Boundary Observatory (GPS) Array
- Tidal Geodesic Receivers

Geochemistry Laboratories
- CACHE Lab for Trace Element Analyses
- Stable Isotope Extraction Lab

Analytical Instrumentation
- Inductively Coupled Plasma Quadrupole Mass Spectrometer
- Gas-Source Mass Spectrometer
- Single Particle Scintillator
- Powder X-Ray Diffractometer
- Petrographic Microscopes

Opportunities for Support

Teaching Assistantships:
- Minimum incoming GPA of 3.0
- Priority to 1st-year students

Grant-funded Research Assistantships:
- Usually granted to 2nd-year students

Contact:
Graduate Coordinator, Dr. Chris Mattinson
grad@geology.cwu.edu
www.geology.cwu.edu

2-year M.S. Degree in Geological Sciences
Field, laboratory, or computational thesis
Application Deadline: February 1

Central Washington University Campus

Earth Science Education

Contact: Graduate Coordinator, Dr. Chris Mattinson
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Central Washington University

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