Earth Science

Typical Career Fields:

Resources (projected growth 15% - 21%)

- Sedimentology
- Structural Geology
- Geophysics
- Economic Geology
- Geomorphology
- Paleontology

Minerals/ Geoscientists (15% - 21%)

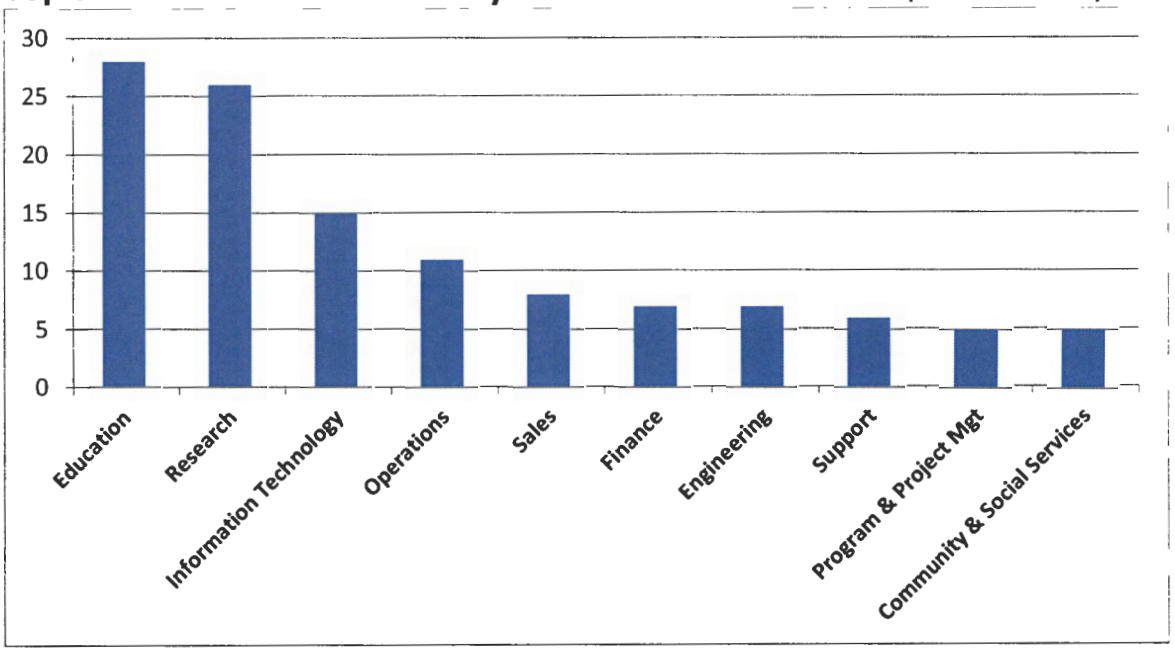
- Mineralogy
- Geochemistry
- Economic Geology
- Stratigraphy
- Sedimentology
- Crystallography

Landscape/ Geospatial (projected growth 3% - 7%)

- Environmental Geology
- Sedimentology
- Hydrology
- Geomagnetism
- Earth Surface Dynamics
- Geology Mapping

= Bright Outlook **Source: O*NET**

Top Ten Career Fields Chosen by ESU Earth Science Grads: *(Source: Linkedin)*



Where Our Grads Go (top ten):

- Burns & McDonnell
- Shawnee Mission School District
- CB&I
- Honeywell Aerospace
- Honeywell
- SAIC
- Texas Comm. On Environment
- ConocoPhillips
- Suncor Energy
- Colorado School of Mines

View a list of required courses for this major at http://www.emporia.edu/sac/list-of-majors.html.

Career Services career@emporia.edu 620-341-5407
www.emporia.edu/careerservices

EMPORIA STATE
UNIVERSITY
CAREER SERVICES

Earth / Geoscience Majors

Strategies on how to become more marketable at graduation

Possible Industries

- Government Agencies
- US and State Geological Surveys
- State Departments of Natural Resources (DNR)
- Environmental Protection Agency (EPA)
- Department of Energy
- National Oceanographic and Atmospheric Administration (NOAA)
- Environmental, geotechnical and industrial laboratories
- Educational institutions and government agencies (municipal, provincial and federal) Mining, petroleum, natural gas companies
- Laboratories, institutes and scientific research centers
- Energy sector, natural resources, transportation and public utilities management companies
- International aid organizations
- Parks and recreation organizations, travel and tourism agencies
- Water and waste treatment plants
- Land/resource analysis and management companies
- Mineral and Resource Exploration

Academia

- Continue education with a Masters and/or PhD
- Research and/or Teaching at college/university level

Related Major Skills

Earth Science majors need skills in the following areas: Investigation, Communication, Computation and Technical.

Define research problems	Develop research proposals	Measure distances
Develop research models	Review scientific literature	Measure relationships
Field sampling	Establish hypothesis	Summarize research
Perform calculations	Identify materials/specimens	Mathematical modeling
Observe data & things	Gather/analyze data	Inform, explain, instruct
Maintain records	Establish/control designs	Evaluate ideas
Prepare technical reports	Utilize math formulas	Design simulations
See relationships in factors	Use technical instruments	Draw meaningful concl.

Job & Internship Links

Global Energy Jobs www.globalenergyjobs.com
Jobs in Geology and Earth Sciences http://geology.com/jobs.htm
Geoscience Research Jobs www.earthworks-jobs.com/acad.htm
Oil and Gas Job Search www.oilandgasjobsearch.com
Geology Jobs www.itzalist.com/bus/geology-jobs.html
Wetland related jobs http://www.sws.org/Resources/the-sws-wetland-jobs-board.html
GeoWeb interactive http://www.ggrweb.com/job.html
GIS Jobs Clearinghouse http://www.gjc.org
The National Park Service http://www.nps.gov/personnel
Geo Job listings http://www.geo.mtu.edu/geojobs/
Geo recruiting companies http://www.geosearch.com/
Geology job links http://www.geologylinks.com/jobs.html