

# ~Major of the Month~ Geology

**Are you looking for a career that allows you to explore?** Do you wish there were classes that took you camping, hiking, backpacking and on road trips around the United States? Students majoring in Geology at Lake Superior State University get the opportunity to do all these things, and much more, while working towards their degree in Geology.

Geology examines the dynamic Earth and its physical, chemical and biologic history. The Geology program, developed from the National Science Foundation, offers many opportunities for field work, hands-on learning, and close interaction with professors. Throughout your four years in the program, you will take part in many project-centered learning experiences.

The Geology curriculum will prepare its graduates to contribute to society's needs by exploring for oil and gas and prepare you to enter the world of mineral exploration. Environmental aspects of geology will also allow you to study groundwater supplies and contamination, flooding and landslide potential and environmental quality issues.



## In the Classroom

Students majoring in Geology will take classes such as:

- General Chemistry
- Geophysics
- Calculus for Business and Life Sciences
- Mineralogy and Petrology
- Structural Geology and Tectonics
- Geo-Environmental Systems



## Student Profile

Do You....

- like to travel ?
- enjoy working outdoors?
- enjoy science, math and working with computers?
- like working in a team setting?

## Skills

- Strong oral and written communication skills.
- Strong problem solving skills.
- Strong observation skills
- An independent and creative thinker.

## Career Outlook

Employment opportunities are expected to grow moderately. Job growth will be accelerated by the need to find new sources of oil and gas.

## Salary

Starting - \$40,500-\$45,000  
Median - \$65,000-\$72,000



The Geology Department offers several degree tracks. Students can receive a Bachelor of Science degree in Geology, Environmental Geology, or Secondary Teaching with a Geology emphasis. A minor is also available for those who are interested in the field of Geology, but wish to pursue a different major.

Graduates of the Geology program have also gone on to graduate institutions such as Duke, MIT, University of Minnesota and Texas A&M.

For more information on this program, contact the Chair of the Dept. of Geology and Physics (Lewis Brown) at ext. 2155, or stop by the Career Service office located in Library 119A.

## GEOLOGY CLUB ROCKS!!!



Join with other students who are interested in the study of geology and take part in activities that aren't possible in the classroom. Past groups have taken field trips to collect rock specimens, gone ice climbing and even cave exploring. Not only is this a great way to learn but a great way to develop skills needed in the work place. Contact the Department of Geology and Physics for meeting times and place.

## Career Options

**Geologists** - Conduct worldwide searches for petroleum, gas and coal.

**Paleontologists** - Study the origin and evolution of life through time and its applications to interpreting the geologic record.

**Environmental Geologist/Hydrogeologists** - Study surface and groundwater supplies and contamination, flooding and landslide potential and environmental quality.

**Teachers** - Present the study of geology and earth sciences in secondary schools and at the college level.

“Everything will be ok in the end; if it's not ok, then it's not the end.”

~Author Unknown~

## COUNSELOR'S C



Fall semester is well underway and students are beginning to focus on coursework for the upcoming winter/spring semester. Many of you have a much better idea of the course selection process than you did during the orientation scheduling. You each need to contact your advisor for assistance with your curriculum plan. Your advisor will work with you on the appropriate course selection. Your advisor will need to lift your advisor “hold” once you have met with them so you can then schedule on-line during your assigned scheduling time.

As you look over the course offerings keep in mind the things that have worked well for you this semester, for example the best time of day for you to attend class. If you are not an early morning person try to find courses that are offered later in the day. Look over LSSU's general education requirements so you can complete these on time.

If you have questions or concerns about your selection of a major please come to Career Services where you can discuss options that are available to you. Many students find that after they have completed a semester or two in a major that this may not be the field in which they wish to complete a degree. If you are searching for degree program or have questions, Career Services may be able to help. We are located in the lower level of the Library, room 119A, our office hours are 8:00 to 5:00 Monday through Friday. Good Luck with your spring course selection!

-Mary Jo Meehan, LPC

## Career Services

a division of Academic Services

Lake Superior State University

Library 119A

906-635-2733

[www.lssu.edu/careerservices](http://www.lssu.edu/careerservices)