

# GEOLOGY

## DEPARTMENT







## MAJORS

**ADOLESCENCE EDUCATION:  
EARTH SCIENCE (7-12)**

**ENVIRONMENTAL GEOSCIENCE  
GEOLOGY**

## CAREER POTENTIAL

*Areas of opportunity:*

- Education
- Environmental consulting companies
- Government agencies
- Landfill operations
- Local soil and water conservation districts
- Nature preserves
- Non-profit environmental organizations

→ *The alumni network of SUNY Cortland geology majors stretches across the country in a wide range of geologic, environmental and engineering firms and government positions.*

## PROGRAM HIGHLIGHTS

No matter the long-term goal — whether it's working in the public or private sector, graduate school or teaching — students in the geosciences excel at SUNY Cortland thanks to an emphasis on fieldwork. Students examine local fossils, glacial landforms and water quality, often visiting prime mineral and bedrock sites in the Adirondack Mountains and nearby states.

### PROFESSIONAL GEOLOGY LICENSURE

Students who complete the geology major are pre-approved for the educational component of the professional geologist license, a new requirement for the profession in New York state.

### REWARDS OF RESEARCH

The Undergraduate Research Council offers financial assistance to student scientists, from travel grants to summer fellowships that provide a \$4,000 stipend and campus housing. Students also can present their results at the Geological Society of America Conference.

Evolution of ancient life, climate change, water quality, mineral formation and rock deformation are research topics students have explored in recent years.

*By the numbers*

**#1**

**SUNY Cortland's geology major was the first in New York to be approved for the educational component of the professional geologist license**

## LEARN MORE

**Geology Department**  
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[cortland.edu/geology](http://cortland.edu/geology)