

## G&G Department Resources

- Geology Labs with samples, microscopes and other tools for studying rocks, minerals & fossils
- Field equipment for general field geology, geophysical surveying and hydrogeologic testing and sampling
- G&G Department Computer Lab with 26 networked high-end computers with access to extensive software resources for classroom instruction and student use



## What are Recent Grads doing?

- Working for Environmental Consulting Firms
- Working for Regional and National Oil and Gas Companies
- Attending Graduate School
- Working for State and Federal Agencies
- Working for Environmental Groups and Environmental Institutes (NGOs)
- **And you??????**



## Careers in Geology

### Check these resources:

American Geological Institute  
(Geoscience Careers)

<http://www.agiweb.org/careers.html>

Geoscience World (Careers in Geosciences)

<http://www.earthscienceworld.org/careers>

Bureau of Labor Statistics  
(Careers for Environmental Geoscientists)

<http://www.bls.gov/oco/content/ocos050.stm>

### Internships

Student Conservation Association

<http://www.thesca.org>

### CONTACT US!

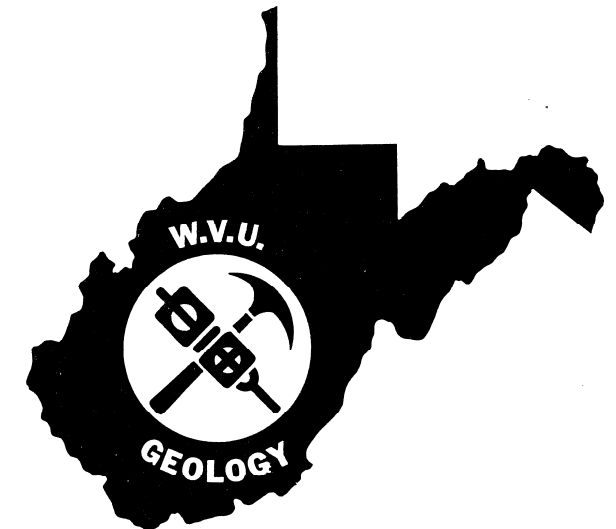
Department Phone: 304-293-5603

Office: 330 Brooks Hall

Dr. Jack Renton, Coordinator	
<i>John.Renton@mail.wvu.edu</i>	304-293-9657
Dr. Henry Rauch	
<i>Henry.Rauch@mail.wvu.edu</i>	304-293-2187
Dr. Robert E. Behling	
<i>Bob.Behling@mail.wvu.edu</i>	304-293-9818
Dr. Helen Lang	
<i>Helen.Lang@mail.wvu.edu</i>	304-293-5469



## THE B.S. DEGREE IN GEOLOGY



AT  
**WEST VIRGINIA UNIVERSITY**

<http://www.geo.wvu.edu/geology/undergrad>

# Geology Curriculum

## Required Geology Courses

Planet Earth (4hr)  
Earth through Time (4hr)  
Mineralogy (minerals, 3hr)  
Petrology (rocks, 3hr)  
Paleontology (fossils, 3hr) or  
Exploration Geophysics (3hr)  
Structural Geology (3hr)  
Stratigraphy & Sedimentation (3hr)  
Hydrogeology (3hr)  
Geology Field Camp (6hr)  
Plus  
5 additional hours of Geology electives  
at the 300- or 400-level

## Allied Sciences and Math

Chemistry (8hr)  
Physics (8hr)  
Algebra (3hr), Trigonometry (3hr )  
Calculus I (4hr)  
Calculus II or Geol 351, Geomath (3-4hr)  
Statistics (3hr)

## A Total of 128 hours for graduation

You must meet all University and College requirements.

**Most of your Geology courses will have  
at least one day or weekend field trip.**

**There's no better way to learn Geology  
than in the Field!**

# Geology Faculty

Dr. Timothy Carr – petroleum geology, energy  
“Dr. Bob” Behling – geomorphology,  
environmental geology  
Dr. Joseph Donovan – hydrogeology,  
geochemistry  
Dr. Thomas Kammer – paleontology,  
paleoecology and stratigraphy  
Dr. J. Steven Kite – geomorphology, stream  
restoration  
Dr. Helen Lang – mineralogy, igneous and  
metamorphic petrology  
Dr. Joseph Lebold – geologic education,  
paleontology  
Dr. Henry Rauch – hydrogeology  
Dr. Jack Renton – coal geology and  
geochemistry  
Dr. Richard Smosna – stratigraphy, carbonates,  
petroleum geology  
Dr. Jaime Toro – structural geology, petroleum  
geology  
Dr. Dorothy Vesper – hydrogeology and  
geochemistry  
Dr. Timothy Warner – remote sensing  
Dr. Thomas Wilson – geophysics, applications  
related to groundwater and petroleum



## Capstone Course . . .

### GEOL 404: Geology Field Camp

This 5-week summer course emphasizes field mapping with good doses of stratigraphy, structural geology, regional geology, as well as some surficial geology. The course is divided between the Black Hills of South Dakota and southwestern Montana with a 4-day trip across Wyoming including trips through the Big Horn Mountains, the Tetons and Yellowstone National Park.

