

THE UNIVERSITY OF TENNESSEE AT MARTIN

Department of Geology, Geography, and Physics



Degree Options

- **Geology**

To be a geologist is to be a time traveler, scientist, and explorer. Geologists engage in rigorous study and analysis of the earth's evolution and the processes that have shaped our physical environment. They also trek into the field to collect evidence from research sites. Geologists study mountain formation, find mineral and rock resources, evaluate environmental hazards, and dig fossils to document the evolution of life. As a geoscience-geology major, you, too, can take on these and many other exciting roles.

- **Geography**

From mountain chains to motel chains to anything on or around the earth's surface, geographers study a vast array of physical and cultural phenomena. They also use powerful computer software to analyze and map the world's many features. As a geoscience-geography major, you will be doing nothing less than learning about the entire world.

- **Physics**

Physicists explore the most fundamental aspects of science such as matter and energy. Their discoveries have thus become the cornerstones of scientific progress over the centuries. Physics courses are essential parts of the curricula for students interested in biology, chemistry, engineering, health sciences and science education. For students who want even more depth, a minor degree in physics is also available.

- **Travel and Tourism**

Experts in tourism development know something many others do not – they are working in one of the largest and fastest-growing service industries in the world today. And, as it continues to grow, more professionals will be needed to develop, manage and market tourism resources. As a geoscience-travel and tourism major, you will get the background needed to enter this dynamic career path.

The Department of Geology, Geography, and Physics provides students with the opportunity to gain in-depth knowledge about the earth, matter, energy, and the cosmos. With more than 50 Geology, Geography, Physics, and Astronomy courses available, students have the opportunity to learn about phenomena such as earthquakes, global warming, suburbs, tourist havens, magnetism, and meteor storms. Computer laboratories, field trips, physics experiments, research projects, and internships comprise the hands-on learning experience you can get from the department's array of course offerings.

www.utm.edu/departments/ggp/home.htm

731-881-7430

Many Worlds to Explore!

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Superb facilities

- Reelfoot Station
- Coon Creek Science Center
- Well-equipped geology, cartographic, and physics laboratories.
- Repository for U.S. Geological Survey maps
- Large collections of topographic maps, aerial photographs, rocks, minerals, fossils, and visual aids.
- Included in the Tennessee Earthquake Network: houses a seismograph.

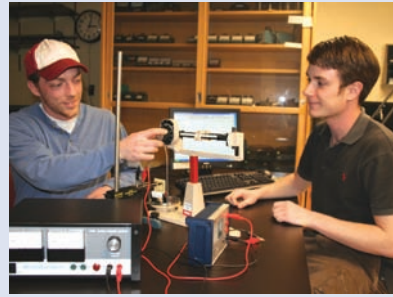
Career possibilities

- Computer cartography
- Geographic Information Systems analysis
- Environmental analysis
- Government foreign service
- Local and regional planning
- Mining
- Oil and gas exploration

- Tourism marketing services
- Students interested in attending graduate school will be well-prepared for continued study and research.

Travel-study opportunities

The department offers travel-study opportunities yearly to such destinations as Central America and the American Southwest. Belize is a frequent destination where students visit Mayan ruins, snorkel the barrier reef, collect geologic samples from asteroid impact structures, and explore rain-forests ecology. Additional future destinations may include Canada, Mexico, Europe, the Bahamas, and other exciting locations.



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