

THE UNIVERSITY OF UTAH



# GEOGRAPHY

Geography is the study of the Earth as home to humanity. Geographers use a holistic, integrative perspective to help solve complex 21st century challenges such as climate change, globalization, sustainability, urbanization, and living with hazards.

## MORE THAN MAPS!

### CHECK OUT OUR COURSES!

Pyrogeography  
Antarctica: The Crystal Desert  
Digital Cities  
Mobile GIS  
The Earth from Space  
Snow and Avalanche  
Exploring the World Through Google Earth  
Medical Geography  
Global Climate Change  
Terrorism & Security  
Utah's Energy Landscape  
Disasters & Emergency Management  
Environmental Optics  
Resource Conservation & Environ Mgt  
Oceanography  
Energy Resource in Sustainable World  
Military Geography  
GIS/Remote Sensing Program

**"The biggest little Geography Department  
in the world"**

**Earth System Science/Environmental  
International Regional Geography  
Urban and Economic Geography  
Geographic Information Science (GIS)  
Hazards/Emergency Management**

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[www.geog.utah.edu](http://www.geog.utah.edu)

A FEW OF THE EXCITING  
GEOGRAPHY CAREERS!

*No student left inside!*

Geography fieldwork:



**THE DIGIT LAB**  
THE UNIVERSITY OF UTAH



# GIS on Campus



- Enterprise database design
- Remote sensing and image processing
- Spatio-temporal modeling
- Custom cartography and map series
- Spatial analysis and site selection
- Demographic profiling
- Transportation modeling and analysis
- Custom web applications
- Environmental analysis
- Urban and regional planning

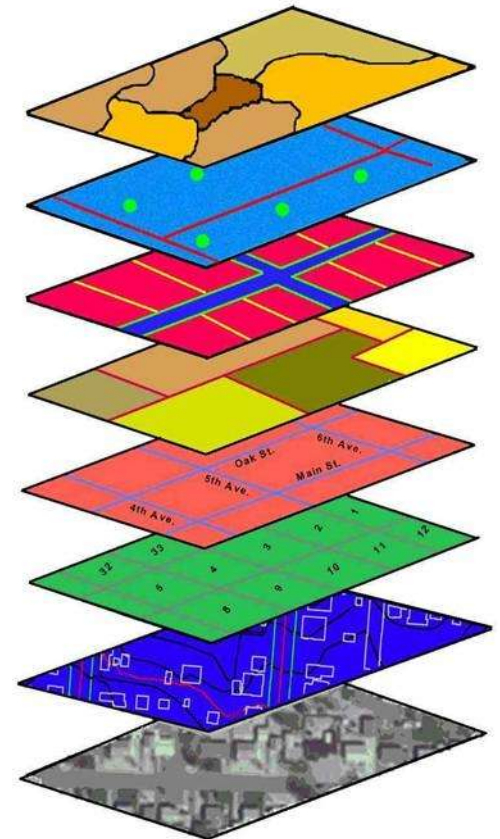
260 S Central Campus Dr Rm 270 Salt Lake City, UT 84112  
801.581.3612 <http://www.digit.utah.edu>

# ***SUPERCHARGE YOUR MAJOR!***

## **Geographic Information Systems (GIS) Certificate**

[http://www.geog.utah.edu/gis\\_cert](http://www.geog.utah.edu/gis_cert)

- **What can knowledge of GIS do for a student?**
- **Enhance almost any U degree from Anthropology to Urban Planning:**
  - \*Anthropology \*Economics \*Political Science \*Geography \*Sociology
  - \*Environmental Studies \*Family & Consumer Studies
  - \*Business Administration \*Marketing \*Information Systems
  - \*Atmospheric Sciences \*Geological Engineering \*Metalurgical Engineering
  - \*Geoscience \*Metallurgical Engineering \*Earth Sciences
  - \*Civil & Environmental Engineering \*Computer Science
  - \*Biology \*Health Promotion & Education \*Parks, Recreation & Tourism
  - \*Urban Planning AND MANY MORE !!
- **Provide students with career opportunities in Geotech**, a rapidly growing field often placed alongside Biotech and Nanotech for 21<sup>st</sup> century job growth. (U.S. Dept. of Labor, *Nature*, 2004)
- **Help students improve their understanding of locational decision making**, environmental problems, urban and regional planning, and many other geographic application areas.
- **Get students thinking spatially!**





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## ***GEOGRAPHY FIELD COURSES:***

- GEOG 3000      Geo-Excursions in Utah
- GEOG 3200      Geomorphology: Mountains, Rivers, Deserts
- GEOG 3230      Pyrogeography: Fire, Humans, and the Environment
- GEOG 3290      Water in Utah
- GEOG 3292      Snow and Ice
- GEOG 3310      Introduction to Natural Hazards
- GEOG 3350      Resource Conservation & Environmental Management
- GEOG 5260      Snow Dynamics and Avalanche Studies
- GEOG 5712      Paleo Field Methods
- GEOG 5810      Field Seminar: Utah Landforms

