



**Purpose:** To support the teaching and research needs of the Department of Geosciences. In Geography, the department offers a Bachelor of Arts degree and a Master of Arts degree. In Geology, the department offers a Bachelor of Science degree, a Master of Science degree, and a PhD in Chemistry with a Geology specialization. In addition to the general degrees, the Department of Geosciences offers an advanced certificate in hydrogeology and a professional certificate in GIS. Areas of interest include hydrogeology, environmental geology, tectonics, sedimentology and stratigraphy, geoinformatics, urban geography, Geographic Information Systems (GIS), and physical geography/environmental studies.

**General Collection Guidelines:**

- a. Language: Only English language materials will be purchased.
- b. Chronological Guidelines: All geological periods are of interest.
- c. Geographic Guidelines: The collection should have a balanced coverage of all geographic areas; particularly the Western hemisphere. There is some special research interest in Georgia, Alabama, Tennessee, North and South Carolina, Montana, Mid-Oceanic areas and Continental shelves. In physical geography priority geographic regions are the southwestern United States, northwestern United States, and the southeastern United States. In human geography priority geographic regions are Asia, the Middle East, and the southeastern United States, especially the Atlanta metropolitan area.
- d. Types of Materials: Monographs and serials are of primary importance. Field trip guidebooks are of interest for areas mentioned in the geographic guidelines. The federal, regional, and state geological survey publications will be extensively collected. On a selective basis the library will obtain proceedings of geological conferences and institutes. Recent maps will be acquired through standing order arrangements with various Federal and state agencies (e.g. U. S. Geological Survey). General map coverage will be of all areas with particular emphasis on regions specified in the geographical guidelines section. Geologic maps will be acquired extensively, topographic maps selectively.

**Subjects in Geology:**

**Collecting Level**

Hydrogeology	3C
Hydraulics	3C
Management and supply of groundwater	3C
Ground and surface water, pollution, landfills	3C
Fluid mechanics in geology	3C

Sedimentology	3C
Igneous petrology	3C
Fluid inclusions	3C
High temperature geochemistry	3C
Tectonics	3C
Magnetism (ocean ridges)	3C
Coastal processes (coral reefs)	3C
Shallow marine Sedimentology	3C
Low-temperature metamorphism	3C
Analytical and numerical methods in geology	3C
Sedimentation	3C
Hydro-geochemistry	3C
Earthquakes (mechanical process of)	3C
Faulting (especially Low-temperature faulting)	3C
Stratigraphy	3C
Hydrothermal activity (oceans)	3C
Mineralogy	3C
Marine geology	3C

**Subjects in Geography:**

**Collecting Level**

Physical Geography	3C
Biogeography	3C
Climatology	3C
Geomorphology	2B
Human Geography	3C
Cultural geography	3C
Economic geography	3C
Political geography	3C
Urban geography	3C
Cultural and political ecology	3C
Historical geography	3C
Human populations	3C
Qualitative methods	3C
Political economy	3C
Social theory	3C
Cartography	3C
Geographic Information Science/Systems	3C
Remote sensing	3C
Spatial statistics	3C

Revised, S. Hardesty, 2006