Subject: Geology

Subject Librarian Liaison: Mark Pfeifer

Section I: Program Descriptions

Description of Undergraduate Program: (Source: 2009-2010 Undergraduate Catalog)

“The mission of the Geoscience Program is to provide integrated and process-oriented curricula, based on fundamental scientific principles and processes, that enable graduates to pursue challenging careers and maintain lifelong learning. The Geoscience Program is designed to serve students majoring in geology and environmental science as well as students in other fields who are interested in adding to their knowledge of the earth and planetary system. Support is also provided for students preparing to earn certification for teaching at the K-12 level, and interested non science majors. Members of the geoscience faculty provide majors with a broad overview of geology and planetary processes while offering the opportunity to pursue specialized knowledge in selected areas of geoscience in preparation for graduate study and careers in government, industry, or academia.”

Student learning outcomes:
BS graduates of the Geology program will:
• show competence in scientific inquiry, writing, and oral presentation;
• demonstrate a broad understanding of major concepts central to the geological sciences;
• be able to apply field and laboratory methods, perform data analysis, and utilize computer applications relevant to the geological sciences;
• be employable in geology-related fields, or able to continue their education in graduate programs;
• be able to evaluate and critically discuss issues related to geology that impact society.
Tracks Offered for Undergraduate Major:

(Source: 2009-2010 Undergraduate Catalog)

There are no specifically designated tracks though Geology undergraduates have options of choosing electives from a Group A (Environment and Coastal Sciences) or Group B (Geographic Information Systems, Geophysics, Geochemistry and Petroleum Geology)

Undergraduate Catalog Course Listings for Public Administration (and Political Science): The course listings are available in the University’s Undergraduate Catalog, which is available at:  http://www.tamucc.edu/academics/index.html

Description of Graduate Program:  (Source: 2009-2010 Graduate Catalog)
There is no graduate program in Geology

Tracks Offered for Graduate Major: There is no graduate program in Geology

Section II: Collection Levels

The designated collection levels will provide the appropriate support for the University’s curriculum and academic programs. Higher priority will be given to research conducted in the local geographic area.

The library adheres to library collection standards set by the State Higher Education Coordinating Board (http://www.thecb.state.tx.us/), the Southern Association of Colleges and Schools (http://www.sacs.org/), and other accreditation agencies.

<table>
<thead>
<tr>
<th>Subjects</th>
<th>LC Call Number Range</th>
<th>Collection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geology General</td>
<td>QE 1 - QE 350.62</td>
<td>3</td>
</tr>
<tr>
<td>Mineralogy</td>
<td>QE 351 - QE 399.2</td>
<td>3</td>
</tr>
<tr>
<td>Petrology</td>
<td>QE 420 – QE 499</td>
<td>3</td>
</tr>
<tr>
<td>Dynamic and Structural Geology</td>
<td>QE 500 – QE 639.5</td>
<td>3</td>
</tr>
<tr>
<td>Stratigraphy</td>
<td>QE 640 – QE 699</td>
<td>3</td>
</tr>
<tr>
<td>Paleontology</td>
<td>QE 701 – QE 760</td>
<td>3</td>
</tr>
<tr>
<td>Paleozoology</td>
<td>QE 760.8 – QE 899.2</td>
<td>3</td>
</tr>
</tbody>
</table>
Section III: Preferred Collection Formats and Languages

Preferred Collection Format(s): Electronic for periodicals and indexes; print for monographs.

Lower-Priority Collection Formats: Print, Microform

Language: English is the language of the collection.

Section IV: Noteworthy Publishers:

Blackburn Press http://blackburnpress.stores.yahoo.net/
Elsevier http://www.elsevier.com/
W.H. Freeman http://www.whfreeman.com/
Kendall Hunt http://www.kendallhunt.com/
Oxford University Press http://www.oup.com/
Pearson Higher Education http://www.pearsonhighered.com/
Springer http://www.springer.com/
Taylor and Francis http://www.taylorandfrancis.com/
Terra Publishing http://www.terrapublishing.net/

Section V: Specialized Lists/Bibliographies in this Subject Area:


2. Resources for College Libraries http://www.rclweb.net/

Section VI: Weeding Policy
(Including Frequency of Collection Assessment):

Due to the changing nature of the field, the collections for Geology (in the Main and Reference collections) will be examined, and weeded, every three years.

Weeding criteria include (1) Currency and relevance of material to the curriculum; (2) Updated/revised editions; and (3) Physical condition of the title (please see the “Weeding” section of the General Collection Development Policy).
Section VII: Gift Policy:

The library will accept donations of materials (monographs, periodicals, etc.) in this subject area. All donors are encouraged to fill out, and sign, a form with the Technical Services Department when the library accepts those materials. If the donor allows the library to keep all donated materials, then the library has the discretion about whether to integrate those materials into the collections or use them in another capacity, such as: (1) Donating those titles to another library; (2) Including them in the annual book sale; or (3) Recycling the materials if no other parties or organizations can use the materials. However, the donor can also specify on the form that they would like all donated materials returned to them if the library cannot add those materials to the collections.

The library will add gift books to the collections only if they support the curriculum and student research in Geology.

The Library will generally add print periodical titles to its collections under the following conditions: (1) The library already has a current subscription to that title; (2) The library has determined that there is adequate room for older print volumes of that title; (3) The library does not own those titles but they fit the subject’s selection criteria.

Revised by M. Pfeifer, 6/27/09

Approved by Library Director, 8/15/2009.