

Collection Development Policy, Chemistry

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Collection Development Statement

Department: Chemistry
Drafted by: Peter Spyers-Duran
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COLLECTION PURPOSE:

The collection supports the instructional and research needs of undergraduate and graduate students as well as the research endeavors of the faculty. Users of the Chemistry collection include students and faculty from the Department of Chemistry as well as Physics, Optics, and Nanosciences. The utilization of the Library's resources by the general public as well as students and faculty of other state universities and local colleges merits some consideration but is not a strong factor in collection decisions.

DEGREE PROGRAMS:

Graduate Programs

- PhD in Chemistry
- Master of Science in Chemistry
- Master of Science in Forensic Science

Undergraduate Programs

- Bachelor of Science in Chemistry
- Bachelor of Science in Forensic Science
- Minor in Chemistry

The Ph.D. program in Chemistry will provide doctoral training in many areas within the chemical sciences. This new program will draw upon the strengths of the Department of Chemistry as well as other university units.

The Master of Science in Industrial Chemistry curriculum is designed to provide a broad overall perspective of the industry and an awareness of economic and engineering considerations while placing the primary emphasis upon chemistry and the application of chemical principles to the development of products and processes.

The Forensic Science Master Program has a strong biochemistry-DNA focus to serve the needs of supervisory personnel in DNA sections of crime laboratories, who are mandated by the national DNA Advisory Board to hold advanced academic degrees.

Bachelor of Science in Chemistry prepares the graduate for career opportunities in the chemical or related industries, or in government laboratories. The program also prepares students for further study at the graduate level in chemistry or in a related area such as pharmacology or toxicology.

Bachelor of Science in Forensic Science prepares students to work as a forensic scientist.

The bulk of the Chemistry collection is housed in the UCF Library on the Orlando Campus. The monographs serve as a good working collection. The UCF Libraries subscribe to the leading databases and indexes related to chemistry, biology, molecular biology, engineering, physics, criminology, and mathematics-- the most important of which is SciFinder Scholar. Compiled by the American Chemical Society, Chemical Abstracts Service, SciFinder Scholar is comprised of the Chemical Abstracts and MEDLINE indexes. The UCF Libraries also has access to the Web of Science database.

The publications of government and intergovernmental organizations contain primary data and policy information that are also very important. As a member of the Federal Depository Library Program, the UCF Libraries receive more than 60 percent of non-classified federal documents. As a depository for Florida state publications, all Florida documents issued as part of the depository program are received.

Guidelines for Collection Development

Chronology: Emphasis/restrictions

Emphasis is on current research.

Formats

All formats compatible with the libraries' infrastructure are collected. The bulk of the collection is print. However materials in electronic format are increasingly being acquired (primarily electronic journals and databases).

Geographical: Emphasis/restrictions

No limit is placed on the geographic scope of materials.

Language: Emphasis/restrictions

Although there are no limitations as to which languages the libraries collect, the bulk of resources obtained are in English.

Publication Dates

Emphasis is placed on current materials. Retrospective purchasing will be very selective.