Guidelines for Chemistry
Collection Analysis and Investment
Last updated August, 2013

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1. Purpose.

Collections in Chemistry support a research agenda consistent with research enterprise at a Carnegie Research Intensive (Very High Research) institution with bachelor’s, master’s, and doctoral programs in the field.

The Department of Chemistry offers B.S., M.S. and Ph.D. degrees. The undergraduate degree in chemistry has concentrations in chemical science, professional chemistry, chemical modeling, and biochemistry. Graduate programs lead to M.S. or Ph.D. degrees in analytical, inorganic, organic, and physical chemistry. The department also offers a Ph.D. in Chemical Physics.

The collection supports interdisciplinary areas in physics, mathematics, engineering, and medicine. It also supports extensive research in biological/biophysical, chemical physics, inorganic chemistry, materials/nanoscience, organic chemistry, drug discovery, and physical chemistry.

2. General Collection Guidelines.
A. Language.
English is the primary language of the collection. Foreign or multi-language monographic and serial titles are collected selectively, particularly research works of international importance or value.

B. Chronology.
No restrictions.

C. Geography.
Inapplicable.

D. Publication Date.
Emphasis is on current imprints, particularly the latest editions of core texts. Older materials, for example, classics, are added to the collection whenever necessary. Journal backfiles are purchased to fill gaps and to augment the collection.

E. Treatment of Subject.
Primary emphasis is on graduate and professional texts reporting current research. Upper division texts are acquired selectively. Lower division textbooks are not generally acquired.

F. Types of Materials and Formats.
Monographs and periodicals are the principal materials with preference for electronic format. Conference proceedings and symposia are also collected. Video materials support teaching and research in the department.

3. Area Resources.
There are no comparable resources in the area.

4. Subjects and Collecting Levels.
Resources for Chemistry are collected at a research level (4).