

# Chemistry Collection Development Policy

## Purpose of the Collection

The Chemistry collection supports the research interests and instructional needs of the faculty and students in the Department of Chemistry. It may also aid scholarship in degree programs that overlap with Chemistry. These include: Biology, Physics, Engineering, Computer Science, Earth Sciences, and Statistical Science.

## Description of the Academic Program

The department of Chemistry offers degrees at both the undergraduate and graduate levels. Undergraduate degree programs include the Bachelor of Science in Chemistry, a Bachelor of Arts in Chemistry and a Chemistry minor. The Bachelor of Science degree is certified by the American Chemical Society (ACS) for professional training in chemistry.

At the graduate level, the department offers a Master's of Science in Chemistry, as well as two Ph.D. level degrees: a Ph.D. in Experimental Chemistry, and a Ph.D. in Computational and Theoretical Chemistry. The department of Chemistry encourages students in both graduate and undergraduate programs to take active roles in conducting research, and many opportunities are available.

The department is active in 2 interdisciplinary research centers at SMU: the Center for Drug Discovery, Design and Delivery; and the Center for Scientific Computation

## Collection Description

### Geography

No limitations, though mostly American and European publications are collected.

### Chronology

Focus of acquisitions is on newly published materials, within 5 years of publication date. Classic works may be purchased if required as replacements of materials with historical value, though current scholarship and research will be the priority consideration for subject matter.

### Language

Preference is for English language materials.

### Formats Collected (e-format is preferred unless otherwise indicated):

Reference Books- Handbooks, Dictionaries and Encyclopedias

Monographs- Print items will be purchased on request of faculty and graduate students. Print will also be preferred when quality of graphics, perpetual access, or completeness of content is found lacking in the electronic version. Additionally, content will override format for desired titles, so if an e-version is not available, the print will be selected.

Databases-including SciFinder with PatentPak, Science Direct, Web of Science, and PubMed/Medline

Journals

Standards and technical reports purchased on an as needed basis.

## Collection Levels by Library of Congress call number range

For a description of collection levels, see [Collection Depth Indicators](#).

LC Call Number Range	Subject	Goal Level
QD1-65	General	2
QD71-142	Analytical chemistry	3
QD146-197	Inorganic chemistry	2
QD241-441	Organic chemistry	3
QD415-436	Biochemistry	3
QD450-801	Physical and theoretical chemistry	3
QD901-999	Crystallography	3