

Chemistry Pathfinder

The purpose of this pathfinder is to introduce some of the resources available in Houston Cole Library on **Chemistry**. The various types of library materials useful in research are described along with some examples of each type. This pathfinder is NOT a comprehensive listing of sources, but is intended to be a starting point from which patrons can begin their research according to their specific needs.

BASIC INTRODUCTION OR OVERVIEW MATERIAL can be found in:

REF QD31.2.B75 1997: *Chemistry Today And Tomorrow: the Central, Useful, and Creative Science*

SUBJECT HEADINGS can be identified by using the Library of Congress Subject Headings books located at the Information Desk on each floor. Books on CHEMISTRY can be located in the Library Catalog by entering a subject search. Books can be located in the Library Catalog by clicking on "Author/Title/Subject/Call Number" search type. Then click on the "Subject" radio button. Last, type in your subject and press the enter key.

Suggested subject headings for this topic are:
Chemistry

Related headings include: Biochemistry, Analytical Chemistry, Inorganic Chemistry, Organic Chemistry, Physical and Theoretical Chemistry.

To browse the book stacks, here are some Library of Congress call numbers on the 9th floor.

QD1-65 - General Chemistry
QD71-142 - Analytical Chemistry
QD146-197 - Inorganic Chemistry
QD241-441 - Organic Chemistry
QD415-436 - Biochemistry

REFERENCE TOOLS

BIBLIOGRAPHIES -- list of books, periodical articles, and/or other materials by subject or author.

REF QD8.5.W54 1991: *Chemical Information Sources*

REF QD8.5.A57 1979: *Guide to Basic Information Sources in Chemistry*

DICTIONARIES AND ENCYCLOPEDIAS -- provide definitions for useful terms, and an overview of topics.

REF QD5.F33 1999: *Facts on File Dictionary of Chemistry*
REF QD5.C5 1997: *Hawley's Condensed Chemical Dictionary 13th ed.*
REF QD4.A2313 1994: *Concise Encyclopedia Chemistry*
REF QD4.M33 1997: *Macmillan Encyclopedia of Chemistry*
REF QD5.H34: *Glossary of Chemical Terms*

HANDBOOKS AND MANUALS -- cover broad subjects in a brief, concise manner and may include odd bits of information about a variety of topics (They may also be referred to as a compendium).

REF QD65.H3 1991/92: *CRC Handbook of Chemistry and Physics 72nd ed.*
REF QD65.L36 1979: *Lange's Handbook of Chemistry 12th ed.*
REF RS51.M41996: *The Merck Index: an Encyclopedia of Chemicals, Drugs and Biologicals*

GOVERNMENT PUBLICATIONS -- are primarily annual reports, studies, and statistics from the various departments and agencies of the government. They are cataloged and shelved like other books and microforms. (There is no separate collection of government publications in this library).

JOURNALS

JOURNALS held by the library can be identified by consulting the Library Catalog by searching under the journal name. Journal Titles on CHEMISTRY can be located in the Library Catalog by clicking on "Author/Title/Subject/Call Number" search type. Then click on the "Journal Title" radio button. Last, type in your journal title and press the enter key. Use these Electronic Databases to locate JOURNAL ARTICLES and other papers on CHEMISTRY: Elsevier Science Direct, Wiley Online Library Chemistry Journals. Print indexes include Periodicals QD1.A51 *Chemical Abstracts*.

A few Journals which would report on this topic are:

Periodicals QD1.C63: *Chemical Society Reviews*
Periodicals QD1.A5: *Journal of the American Chemical Society*
Periodicals QD1.J93: *Journal of Chemical Education*

Also, scan for chemistry related periodicals in the current periodical section on the 9th floor. Tips on [finding research articles](#).

WEB SITES

Browse a list of [Chemistry related Web sites](#) selected by subject librarians at Houston Cole Library.

INTERLIBRARY LOAN services are available to graduate students and faculty.
Please ask a librarian about these services.

Subject(s):

Chemistry

Biochemistry

Organic Chemistry

Inorganic Chemistry

Analytical Chemistry

10/11: PJBE