

GUIDEPOST

SCIENCES

This guide will help you find library materials on science topics including biology, chemistry and physics.

Our **Subject Guide for Sciences** list selected print sources as well as **web sites** that have been evaluated by librarians. To access the Subject guide for Science for Sciences, go to our Library Web site at www.kwantlen.ca/library , click on **Subject Guides**, and then click on **Sciences**.

Click on Kwantlen's **LIBRARY CATALOGUE** on our Library Web site to find information about books, magazines and audiovisual materials, such as videos/DVDs, that are available at any of the three campus Libraries of Kwantlen University College.

The Library uses **SUBJECT HEADINGS** to organize information by subject in the Library catalogue. To locate materials on a subject as specifically as possible, use the concise Library of Congress subject headings assigned by the Library. Type your topic in the search box, click on the drop down arrow, highlight subject and click on search. Some useful subject headings for Science topics are listed below.

ANATOMY	ASTRONOMY
BIOLOGY	CHEMISTRY
ECOLOGY	ELECTRONICS
ENGINEERING DESIGN	GENETICALLY MODIFIED FOODS
PHYSICS	SCIENTISTS BIOGRAPHY
SCIENCE DICTIONARIES	SCIENCE METHODOLOGY
CHEMISTRY ORGANIC	CHEMISTRY INORGANIC
STEM CELLS	QUANTUM THEORY

The Library uses **CALL NUMBERS** to organize books on the library shelves by subject. Useful call number areas for browsing the shelves include:

BIOLOGY	QH 301-705	ELECTRONICS	TK 7800-7882
ECOLOGY	QH 540-541	ENGINEERING DESIGN	TA 174
CHEMISTRY	QD	PHYSICS	QC
CHEMISTRY, ORGANIC	QD 248-449	SCIENCE	Q
CHEMISTRY, INORGANIC	QD 151-199	SCIENTISTS	Q 141-143

AUDIOVISUAL materials are listed in the Library Catalogue. To find videos/DVDs on Science topics, click on Power Search and then choose Video & DVD search from the Catalogue Searches box. When the next screen appears, type your topic in the search box and click on search.

LIBRARY



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REFERENCE BOOKS include dictionaries, encyclopedias, handbooks, manuals and directories. They are designed to provide an overview of a subject, supply you with quick facts and concise, up-to-date information. They are shelved in the REFERENCE section of the Library. Useful reference books include:

DICTIONARY OF SCIENTIFIC BIOGRAPHY REF Q 141 D5 v.1-16	R,S
NOTABLE TWENTIETH CENTURY SCIENTISTS REF Q 141 N73 1995 v.1-4	L,R,S
NEW ENCYCLOPEDIA OF SCIENCE REF Q 121 N46 2003 v.1-9	R
<i>APPLIED SCIENCE (ENGINEERING)</i>	
THE ILLUSTRATED DICTIONARY OF ELECTRONICS REF TK 7804 G497	S
ELECTRONICS ENGINEERS' HANDBOOK REF TK 7825 E34	S
MASTER HANDBOOK OF ELECTRONIC TABLES AND FORMULAS REF TK 7825 C56	L,S
<i>BIOLOGY</i>	
FACTS ON FILE DICTIONARY OF BIOLOGY REF QH 302.5 F25	R,S
WORLD OF GENETICS REF QH 427 W67 v.1-2	R,S
<i>CHEMISTRY</i>	
A TO Z OF CHEMISTS REF QD 21 O34 2002	R
CRC HANDBOOK OF CHEMISTRY AND PHYSICS REF QD 65 H3	L,R,S
FACTS ON FILE DICTIONARY OF CHEMISTRY REF QD 5 F33	R,S
FACTS ON FILE DICTIONARY OF INORGANIC CHEMISTRY REF QD 5 F34 2004	R,S
MERCK INDEX : AN ENCYCLOPEDIA OF CHEMICALS, DRUGS, AND BIOLOGICALS REF QV 13 M4 2001	R,S
WORLD OF CHEMISTRY REF QD 33 W873 2000	R
<i>PHYSICS</i>	
DICTIONARY OF PHYSICS REF QC 5 D53 2004 v.1-4	R,S
FACTS ON FILE DICTIONARY OF PHYSICS REF QC 5 F34	R,S
MACMILLAN ENCYCLOPEDIA OF PHYSICS REF QC 5 M15 v.1-4	R,S
WORLD OF PHYSICS REF QC 5 W67 2001 v.1-2	R

The Library subscribes to many online **ARTICLE INDEXES** that list useful articles published in journals. Often, the full text of the article is included. Click on Article Indexes on our Library Web site to access some of the key indexes for the Sciences listed below.

NOTE: All of the Web indexes below are available off campus from any pc that has access to the internet. If you would like to access the library from off campus, go to our library web site at www.kwantlen.ca/library and click on Article Indexes. Have your Kwantlen Smart Card handy because you will be prompted for the 14 digit barcode.

ACADEMIC SEARCH PREMIER

AGRICOLA

APPLIED SCIENCE AND TECHNOLOGY INDEX

BIOLOGICAL AND AGRICULTURAL INDEX

CANADIAN BUSINESS AND CURRENT AFFAIRS REFERENCE

DIRECTORY OF OPEN ACCESS JOURNALS

ELECTRONIC JOURNALS SERVICE

GENERAL SCIENCE INDEX

NATIONAL RESEARCH COUNCIL PRESS

JSTOR

In addition to the journals available through the above indexes, your campus Library subscribes to many journals relevant to the Sciences. Check the titles below in the Library Catalogue for information about years held at each campus library. In some cases, a campus library might only hold back issues of a title, not current copies. Some of the journals below are available online. To access them, click on Library Catalogue and type the journal title in the search box. These online journals are restricted to Kwantlen students and employees.

AUDUBON	L
AMERICAN SCIENTIST	R,S
CANADIAN JOURNAL OF BOTANY	ONLINE
CANADIAN JOURNAL OF FISHERIES & AQUATIC SCIENCES (also available online via the Library catalogue)	S
DISCOVER	L,R,S
NATURE CANADA	L,R
NEW SCIENTIST	L,R,S
POPULAR SCIENCE	L
SCIENCE	R
THE SCIENCES	R
SCIENTIFIC AMERICAN	L,R,S
SMITHSONIAN	R
TECHNOLOGY REVIEW	L,S
WILDLIFE CONSERVATION	L

BIOLOGY

BIOCHEMISTRY & CELL BIOLOGY (also online via Library catalogue)	S
CANADIAN JOURNAL OF MICROBIOLOGY	ONLINE
ECOLOGY	R
ECOLOGICAL MONOGRAPHS	R
GENOME	ONLINE
JOURNAL OF HEREDITY (also online via Library catalogue)	S
QUARTERLY REVIEW OF BIOLOGY	S

CHEMISTRY

CANADIAN CHEMICAL NEWS	S
CANADIAN JOURNAL OF CHEMISTRY (also online via Library catalogue)	R
CHEM 13 NEWS	R
CHEMMATTERS	R
JOURNAL OF CHEMICAL EDUCATION (also online via Library catalogue)	S

PHYSICS & ASTRONOMY

AMERICAN JOURNAL OF PHYSICS (also online via Library catalogue)	R
CANADIAN JOURNAL OF PHYSICS	ONLINE
CANADIAN UNDERGRADUATE PHYSICS JOURNAL (also online via Library catalogue)	R,S
JOURNAL OF THE ROYAL ASTRONOMICAL SOCIETY OF CANADA	R
MERCURY	R
PHYSICS TODAY	S
SKYNEWS	S

REMEMBER - IF YOU HAVE QUESTIONS, PLEASE ASK A LIBRARIAN!