

INFORMATION RESOURCES FOR SCIENCE & TECHNOLOGY

The following library databases include books, articles, and videos on scientific and technological subjects.

DICTIONARIES & ENCYCLOPEDIAS

[Access Science](#) is an online encyclopedia that covers all the major scientific subject disciplines. It contains 8,700 scientific articles, 115,000 scientific definitions, and 3,000 biographies of scientific figures. This resource includes the *McGraw-Hill Encyclopedia of Science and Technology* and *McGraw-Hill Yearbook of Science and Technology*.

[Britannica Academic](#) is an online encyclopedia for general reference and research. Comprehensive in scope, it contains articles on subjects in the humanities, social sciences, and science and technology. It also provides access to thousands of additional resources like magazine and journal articles, e-books, images, audio and video clips, and primary sources.

[Oxford Quick Reference](#) is a database of over 300 academic subject, language, and quotations dictionaries published by Oxford University Press. The dictionaries can be browsed or searched, and cover subjects like art, history, language, law, literature, medicine, music, psychology, religion, science, and technology. New content is added to the database regularly.

BOOKS & E-BOOKS

[E-Book Collection](#) is a searchable online database containing thousands of multidisciplinary e-book titles. The broad range of academic disciplines covered by the collection includes art, business, education, engineering, history, law, mathematics, psychology, science, and technology. For each e-book, the database provides access to the full-text of the publication.

[ProQuest E-book Central](#) is a multidisciplinary database that provides full-text access to more than 187,000 e-books on a wide range of subjects. They include anthropology, business, economics, education, history, language, law, life sciences, literature, physical sciences, political science, religion, social sciences, and technology.

[WorldCat Discovery](#) is a database of the resources that are available in Weis Library. It describes and provides access to the library's print and electronic books. For print books, the database identifies where they are shelved in Weis Library; and for e-books, it provides direct links to the full-text of the publications. Combining the functions of a traditional library catalog with the feel of a modern search engine, WorldCat Discovery is the recommended starting point for conducting research at Weis Library. Further, this research tool enables students and faculty to identify books that are located in other libraries and request them through interlibrary loans.

[University Press Collection](#) is a database of multidisciplinary scholarly e-books from more than 90 university presses from around the world. The e-books cover an assortment of topics in the humanities, social sciences, sciences, and technology. This database contains titles appropriate for varied audiences – from introductory books to advanced research texts.

JOURNALS & MAGAZINES

[Academic Search Complete](#) is a multidisciplinary database of journal and magazine articles about numerous subjects in the humanities, social sciences, sciences, and technology. It also provides full-text access to over 8,500 periodicals, including more than 7,300 peer-reviewed publications. This database contains thousands of articles on scientific topics.

[Journal Finder](#) is an online guide to the full-text periodicals available through the library's databases. This research tool provides the option to browse or search for specific journal titles to determine whether electronic access is granted to them by Weis Library. If so, Journal Finder will display links to the journals and notes the years of coverage available.

[Medline](#) is a database that provides access to authoritative information on health, medicine, nursing, dentistry, veterinary medicine, the health care system, pre-clinical sciences, and beyond. It includes citations and abstracts from over 5,400 current biomedical journals and full-text access to selected publications. The database's coverage dates back to 1946.

[ProQuest SciTech Premium](#) is an online databases covering literature in scientific and technological disciplines. It provides citation and full-text access to nearly 11,000 journals, books, e-books, technical reports, theses, government publications, and conference proceedings on topics in the natural sciences and technology, including:

- aquatic sciences
- computer science
- engineering
- earth sciences
- life sciences
- mathematics
- physical sciences
- telecommunications

STREAMING VIDEO

[Films On Demand](#) is a streaming video service that provides access to a collection of more than 44,500 educational films from more than 700 producers. The videos may be watched in segments or in their entirety, and feature subjects like art, business, communication, education, English, health, history, languages, music, religion, science, and technology.