

Science Libraries Information Guide

Biomedical Engineering Graduate Programs

Library Homepage: <http://search.library.cmu.edu>
CAMEO: [Library Catalog](#)

Research Guides: <http://guides.library.cmu.edu/engineeringbeck>

At the *Engineering & Science Library* (4400 Wean Hall) you will find materials in the engineering fields of Biomedical, Chemical, Civil and Environmental, Electrical and Mechanical. In the sciences: Computer Science, Materials Science, Mathematical Sciences, Physics, and Robotics, as well as general science and engineering.

Biology and Chemistry materials are held: *Mellon Institute Library* (4400 Fifth Ave., 4th fl).

→ **Book Loan Period**

Graduate: 90 days – 100 books - 1 renewal per book.
(a book may be recalled after 1 week)

→ **Journals** – print issues can be checked out for 24 hours.

→ **Photocopiers and Scanners** – Available at all libraries.

→ **Printing**

Swipe your Carnegie Mellon ID card at the library printer release station to send your job to the printer.

→ **Renew your materials online**

Use “My Account” link to renew items.

Need materials that Carnegie Mellon does not own?

→ **Interlibrary Loan** (ILL) see tab on Library’s home page

▪ **ILLiad:** Request articles, books, and other items.

▪ **EZ-Borrow/PALCI:** Request *books* only – quick delivery.

Questions about ILL: 412-268-7215

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→ **Local libraries you can borrow from (in person)**

The Carnegie Library of Pittsburgh

- With your Carnegie Mellon ID card and proof of local residence, go to the Main (Oakland) Library desk for a library card.

The University of Pittsburgh Library System

- With your Carnegie Mellon ID and proof of current registration, go to the [Hillman Library](#) lending desk, lower level for a borrowing card.

At Hillman Library, you can also use the University of Pittsburgh’s electronic databases and journals ONLY when you ask for a guest account at their reference desk. This allows in person access to their public computers.

“Articles & Databases” on Library’s home page: <http://search.library.cmu.edu>

→ **Select Databases**

- **Academic OneFile** – 43 million full-text articles (1980-2011) — with listening capability—have text read to you.
Try the “Subject Guide Search” for Biomedical Engineering.
- **Compendex** (Engineering Index) – can also search with **Inspec** + **NTIS**
The most comprehensive interdisciplinary bibliographic engineering database in the world – goes back to 1884.
- **IEEE Xplore** – technical literature: articles & conference proceedings in engineering and technology.
- **Knovel** – includes nearly 3,000 full-text manuals, handbooks, and encyclopedias, plus interactive tools for data analysis.
- **PubMed** – free search engine to biomedical literature/MEDLINE
U.S. National Library of Medicine/National Institutes of Health.
- **SciFinder Scholar** – access to Chemical Abstracts, worldwide literature & patents, in chemistry, biochemistry, chemical engineering.
- **Scopus** – abstract & citation database with 45.5 million records.
- **USPTO** – search U.S. patent databases.
With the Patent Number, use <http://www.pat2pdf.org/> to get the pdf.
- **Web of Science** – includes *Science Citation Index*, literature of the sciences back to 1900, CITATION searching.
Under ISI Web of Knowledge, you can also access *Journal Citation Reports*.

→ **Search multiple databases at the same time: MetaLib**

Try the Basic Search, choosing “Engineering/Tech” category.

→ **Search for relevant lectures in the Synthesis database:**

[Synthesis Lectures on Biomedical Engineering](#)

→ **[Off Campus/Wireless Access](#)**: see link on Library’s home page

HINT: [Zotero](#) free of charge Citation Manager, FireFox extension

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