

Departmental Policy Statement: Civil Engineering

Herff College of Engineering

Faculty Representative: Dr Jerry Anderson
Library Liaison: Ian Edward
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Curriculum

The Civil Engineering Department offers academic and research programs leading to the BSCE, MSCE, and the Ph.D. degrees.

Purpose and Scope of the Collection

The Civil Engineering curriculum at The University of Memphis is based on a solid foundation of mathematics and physical science and mechanics. Areas of specialization include environmental, structural, geotechnical, transportation, water resources and construction engineering.

Cooperative Agreements

None specified.

Geographical Coverage

Not applicable.

Period Coverage/Date of Publication Range

The emphasis is on current materials. An attempt is made to fill in gaps in the holdings of publications issued by professional associations. Selected reprints of classical works in the field are collected if they are particularly germane to the historical development of Civil Engineering in the United States, i.e., journals from the American Society of Civil Engineers.

Languages

Although English is the primary language, materials in other languages are also acquired on a selective basis. If at all possible, translations into English are preferred, especially for those materials that are in Russian, Japanese, and Chinese.

Types of Materials

Monographs:

Individual titles as well as numbered monographic series are purchased. Textbooks are acquired minimally, especially at the lower division level. Textbooks are not normally purchased. Exceptions are those which have earned a reputation as "classics" in their fields, or which are the only or best sources of information on a particular topic.

Serials:

Both domestic and international serials are purchased. The emphasis is on core journals to satisfy curricular interests.

Proceedings/Transactions:

Major publications of international associations, societies, and other learned institutes are acquired.

Reference Materials:

These are a high priority in acquisition and include major abstracts and indexes (electronic and print), dictionaries in subject fields, encyclopedic works, handbooks, and biographical data

Electronic Formats:

In addition to the criteria used for judging print materials (authority, content, etc.), other factors are considered in the acquisition of electronic resources. These include:

- Method of access: non-proprietary protocols such as the World Wide Web and document formats such as HTML and PDF are preferred
- Availability: access to the entire campus is preferred to library-only access
- Licensing requirements
- Availability of archives

For secondary literature, campus wide electronic access is desirable where available and affordable followed by print access and mediated online searching where necessary.

Exclusions:

Popular books, industrial house organs, equipment/vendor catalogs, and reprints from journals.

Special Collections

None specified.

Subject Areas by LC Classification

GB651 - GB2998	Hydrology
GC1 - GC1581	Oceanography
GE1 - GE350	Environmental sciences
HD9715 - HD9717.5	Construction industry and materials
HE1 - HE5990	Transportation
TA1 - TA2040	Civil Engineering
TC1 - TC1665	Hydraulic Engineering
TD1 - TD949	Environmental Technology; Sanitary Engineering
TE1 - TE450	Highway Engineering; Roads and Pavements
TF1 - TF1620	Railroad Engineering and Operation
TG1 - TG470	Bridge Engineering
TH1 - TH9745	Building Construction

Related Areas of Collection

Mathematical Sciences Physics