

Guidelines for Biomedical Engineering

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1. Purpose.

Collections in Biomedical Engineering support a research agenda consistent with research enterprise at a Doctoral University: Highest Research Activity, under the Carnegie Classification of Institutions of Higher Education.

VCU Biomedical Engineering (BME) has an undergraduate program leading to a B.S. and a graduate program leading to an M.S. and Ph.D. The collection supports research in biomaterials, cell and tissue engineering, computational physiology, haptics man-machine interfaces, mechanobiology of disease, neuromuscular and musculoskeletal biomechanics, regenerative medicine, and rehabilitation and human factors engineering. The collection also supports a high level of student and faculty research in physiology, anatomy, biostatistics, and sports medicine.

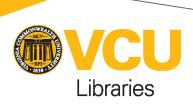
2. General Collection Guidelines.

A. Language.

English is the primary language for the monographic and serial collections.

B. Chronology.

No restrictions.



C. Geography.

No restrictions.

D. Publication Date.

Emphasis is on current imprints. Older materials, for example, classics, are added to the collection whenever necessary. Journal backfiles are purchased to fill gaps and to augment the collection.

E. Treatment of Subject.

Primary emphasis is on graduate and professional texts reporting current research. Upper division texts are acquired selectively. Lower division textbooks are not generally acquired.

F. Types of Materials and Formats.

Primary emphasis is on monographs and periodicals with a preference for electronic formats. Conference proceedings and symposia are also collected as are video materials and other streaming media that support teaching, learning, and research.

3. Area Resources.

There are no comparable resources in the area.

4. Subjects and Collecting Levels.

Resources for Biomedical Engineering are collected at a research level (4).