



# VCU

Libraries

# 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.



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**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).