



# VCU

Libraries

# Guidelines for Mathematics

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### **1. Purpose.**

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

The Department of Mathematical Sciences offers a B.S. in mathematical sciences with concentrations in applied mathematics, mathematics, operations research, and statistics. The curriculum provides a foundation for the student seeking to enter a vocation with a technological orientation and for the student who wishes to pursue graduate study. In addition, the department offers the Master of Science degree in mathematical sciences with concentrations in mathematics, applied mathematics, operations research, statistics, biomathematics, applied computational mathematics, discrete structures, and secondary school teacher preparation. The department also offers a Ph.D. in systems modeling and analysis jointly with the Department of Statistical Sciences and Operations Research.

### **2. General Collection Guidelines.**

#### **A. Language.**

English is the primary language of the collection. Foreign or multi-language monographic and serial titles are collected selectively, particularly research works of international importance or value.



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**B. Chronology.**

No restrictions.

**C. Geography.**

No restrictions.

**D. Publication Date.**

Emphasis is on current imprints, particularly the latest editions of core texts. 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.**

Materials that provide current and historical research data are collected. Acquisition of textbooks is highly selective.

**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 local resources that impinge upon the collecting decisions.

**4. Subjects and Collecting Levels.**

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