1. Purpose.

Collections in Computer Science support teaching, research, and practice consistent with the curriculum at a Carnegie Research Intensive (Very High Research) institution with a bachelor's degree program in the field.

The collection in Computer Science supports teaching and research through the Ph.D. level. The Department of Mathematical Sciences offers the B.S. and the M.S. in Computer Science and a Ph.D. in Engineering with a computer science track. This program is a highly concentrated curriculum of computer sciences courses. The department, in collaboration with the School of Business, also offers a joint M.S. degree in Computer Information Systems Security.

Related subject areas include mathematics, business, and electrical and computer engineering. There is an emphasis in collecting conference proceedings as these are a major resource group for computer scientists.

2. General Collection Guidelines.
A. Language.
English is the primary language of the collection. Foreign or multi-language monographic and serial titles are acquired selectively, particularly research works of international importance or value.

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.
Primary emphasis is on graduate and professional texts reporting current research. Upper division texts are acquired selectively. Lower division textbooks are not generally acquired. Professional and scholarly works that support the curriculum are acquired broadly.

F. Types of Materials and Formats.
Monographs and periodicals are the principal materials with preference for electronic format. Conference proceedings and symposia are also collected. Video materials support teaching and research in the department.

3. Area Resources.
There are no comparable resources in the area.

4. Subjects and Collecting Levels.
Resources for Computer Science are collected at a research level (4).