



**Georgia State University Library  
Collection Development Policy  
Department of Computer Science**

**Purpose of the Collection:** To support the curricular and research needs of faculty and students in the Department of Computer Science. The Department offers courses of study leading to the Bachelor of Science, Master of Science, and Ph.D. Dual degree programs (Bachelor of Science/Master of Science) are offered in Computer Science, Health Administration (Health Informatics Specialization), and Computer Information Systems. The Master of Science and Ph.D. degree programs focus on advanced training in the fundamental principles and processes of computation. Both degrees offer a concentration in bioinformatics, which includes taking biology and chemistry classes. A Master of Science concentration in Analytics (Computational Data Analytics) is also offered. Active research areas include artificial and computational intelligence, bioinformatics, computer software systems, database technology, graphics and human-computer interaction, networks and distributed systems, and algorithms. The Department is heavily involved in the Neuroscience Institute, the Brains and Behavior Program, and the Molecular Basis of Disease area of focus program.

**General Collection Guidelines:**

- a. **Languages:** English is the primary language of the collection.
- b. **Chronological Guidelines:** The emphasis is on current scholarship.
- c. **Geographical Guidelines:** Primarily, United States, Europe, and Asia.
- d. **Date of Publication:** Current imprints are primarily selected. Retrospective classic or standard works not already in the collection are selectively collected.
- e. **Types of Materials:** Periodicals are of primary importance. Selection also includes monographs, treatises, compendia, and proceedings/transactions of the conferences/congresses/symposia of major societies and associations. Only occasional acquisition of media.
- f. **Treatment of the Subject:** Research and graduate materials for the concentrations covered by the Department are the main focus. Consideration to maintaining a strong undergraduate collection is encouraged. Biography and general interest material are selectively purchased. Upper division textbooks are acquired.

**Related Collection Development Policies:**

- Computer Information Systems
- Mathematics and Statistics
- Neuroscience
- Physics and Astronomy

Revised: 08/2017