

Biology Collection Development Policy

Purpose of the Collection

The Biology collection supports the research interests and instructional needs of the faculty and students in the Department of Biological Sciences. It may also aid scholarship in degree programs that overlap with Biology. These include: Anthropology, Chemistry, Computer Science, Engineering, Earth Sciences, Physics, and Statistical Science.

Description of the Academic Program

The department of Biological Sciences offers degrees at both the undergraduate and graduate levels. Undergraduate degree programs include the Bachelor of Science in Biology, Bachelor of Arts in Biology, Bachelor of Science in Biochemistry, and a minor in Biology. At the graduate level, the department offers Ph.D., MS and MA degrees in Molecular and Cellular Biology, as well as a combined BS-MS degree. A large portion of the program's focus is on the biomedical sciences.

The department of Biological Sciences encourages students in both graduate and undergraduate programs to take active roles in conducting research, and many opportunities are available.

Collection Description

Geography

No limitations, though mostly American and European publications are collected. In the areas of plant biology and aquatics, concentration of collections is on North American, southwestern and local works. Collections of other geographic areas are collected selectively.

Currency

Focus of acquisitions is on newly published materials, within 5 years of publication date. Classic works may be purchased if required as replacements of materials with historical value, though current scholarship and research will be the priority consideration for subject matter.

Language

Preference is for English language materials.

Formats Collected (e-format is preferred unless otherwise indicated):

Reference Books- Protocols, Handbooks, Dictionaries and Encyclopedias

Monographs- Print items will be purchased on request of faculty and graduate students. Print will also be preferred when quality of graphics, perpetual access, or completeness of content is found lacking in the electronic version. Additionally, content will override format for desired titles, so if an e-version is not available, the print will be selected.

Databases- including Nature Journals Online, MEDLINE/PubMed, Science Direct, Agricola, Web of Science, and Wiley Online Library.

Journals

Collection Levels by Library of Congress call number range

For a description of collection levels, see [Collection Depth Indicators](#).

LC Call Number Range	Subject	Goal Level
QH1-28.5	Natural History (General)	2
QH201-278.5	Microscopy	3
QH301-705.5	Biology (General)	3
QH359-425	Evolution	3
QH426-470	Genetics	4
QH471-489	Reproduction	3
QH501-531	Life	3
QH540-549.5	Ecology	2
QH573-671	Cytology	4
Subclass QK		
QK1-989	Botany	2
Subclass QL		
QL1-991	Zoology	2
Subclass QM		
QM1-511	Human anatomy- General	3
QM531-549	Regional anatomy	3
QM550-577.8	Human and comparative histology	3
QM601-695	Human embryology	3
Subclass QP		
QP1-981	Physiology	3
Subclass QR		
QR1-74.5	General Microbiology	3
QR75-99.5	Bacteria	3
QR99.6-99.8	Cyanobacteria	2

QR100-130	Microbial ecology	3
QR171	Microorganisms in the animal body	2
QR180-189.5	Immunology	4
QR355-502	Virology	4