

BIOLOGY GUIDELINES

I. Purpose and Program Description

A. Library's Collection Development Objectives

The primary purpose of the collection is to support teaching and research studies at the B.S. level in Biology. The library also seeks to support Master's level coursework in this area. The interdisciplinary nature of biology requires that students and faculty consult related collections in the library.

B. Curricular Program Description

The Biology major includes options in eight areas of concentration: Biological Science; Microbiology; Molecular Biology; Medical Technology; Laboratory Technology; Pre-Med; Pre-Veterinary Medicine; and Environmental Science. The Biological Science option also provides a subject area degree for secondary education students with a major in biology.

C. New and Expanding Areas of Interest

1. Environmental Science
2. Environmental Health
3. Biotechnology

D. Areas of Specialization

1. Environmental Health
2. Biotechnology

E. Overlap with Other Academic Disciplines and Library Collections

Nursing, Medical Technology, Physical Sciences, Chemistry, Mathematics, Kinesiology

II. General Selection Guidelines

A. Languages: English is the primary language collected. Works in other languages may be acquired selectively and usually in English translation.

B. Chronological Coverage: Emphasis is upon current materials, but no period is excluded from consideration for the collection.

C. Geographical Coverage: Primarily emphasis is upon biological sciences in the United States and secondary emphasis is upon world biological studies.

D. Types of Materials: Includes encyclopedias, handbooks, directories, dictionaries, field guides, periodicals, bibliographies, biographies, statistical works, analytical research reports, government documents, monographs, and journals. As a regional depository, all items issued by the Superintendent of Documents are acquired.

E. Imprint Date: Current-imprint publications receive priority. Selective retrospective publications are purchased in available formats as funding permits.

F. Physical Format: Hardback, paperback, electronic formats, serials, audiovisuals and computer software are collected.

G. Treatment of Subject: Publications encompassing natural history, botany, genetics, human biology, environmental biology, ecology, zoology, cytology, biological physiology, biological anatomy, animal behavior and psychology, embryology, and microbiology are emphasized..

H. Place of Publication: Primarily the United States. Imprints from other countries will be considered, however, primary emphasis will be placed on English language publications.

I. Acquisition Plans Affecting English / English Literature:

1.) Standing Orders: Due to budget reductions in the mid-1990s, all standing orders in all fields were cancelled.

2.) Approval Plans: None.

J. Major Assessment / Selection Tools: *Books for College Libraries*; *MLA*; Sheehy, Eugene P. *Guide to Reference Books*; Katz, Bill *Magazines for College Libraries*; *Choice Magazine*; *Booklist*; GOBI New Title Announcement Slips.

Assessments are conducted doing a comparison of the library holdings with those of the following peer institutions: Austin Peay State University (TPA), Columbus State University (GCO), Jacksonville State University (AJB), McNeese State University (LHA), University of Houston-Clear Lake, University of Louisiana-Monroe (LNE), University of North Alabama (ANO).

K. Weeding / Replacement: A major weeding was conducted in 2011 to remove damaged, superseded, out of date items, and those items which did not reflect the institutional curriculum. Following this, weeding has been kept to a minimum except to replace superseded or damaged items, or those items which are dated in terms of information on techniques and theory. For damaged items, efforts will be made to replace those materials. Discussions between the library liaison for the area and the department will take place to determine if an electronic copy of the title will be an acceptable replacement.

L. Classifications That Define the Scope of the Collection:

QH 1-199	Natural History- General
QH 201-278	Microscopy
QH 301-705	Biology- General
QK 1-474	Botany-General Fields
QK 475-989	Botany-Specific Fields
QL 1-355	Zoology-General
QL 362-739	Invertebrate and Vertebrate Zoology
QL 750-999	Ethology, Anatomy, Embryology
QM	Human Anatomy
QP 1-348	Physiology-General
QP 351-499	Nervous System & the Senses

QP 901-981 Experimental Pharmacology
 QR Microbiology

Library Liaison: Williams

Subject: Biology

COLLECTION DEVELOPMENT POLICY STATEMENT: CLASSED ANALYSIS

LC Class	Descriptor	Existing Strength	Desired Strength
QH 1-199	Natural History-General	2b	3a
QH 201-278	Microscopy	3a	3a
QH 301-705	Biology- General	2a	3a
QK 1-474	Botany-General Fields	2b	3a
QK 475-989	Botany-Specific Fields	2b	3a
QL 1-355	Zoology-General	3a	3a
QL 362-739	Invertebrate and Vertebrate Zoology	2b	2b
QL 750-999	Ethology, Anatomy, Embryology	3a	3b
QM	Human Anatomy	3a	3b
QP 1-348	Physiology-General	3a	3b
QP 351-499	Nervous System & the Senses	3b	3b
QP 901-981	Experimental Pharmacology	3b	3b
QR 1-74	Microbiology-General Works	3a	3b
QR 75-99.8	Bacteria	3b	3b
QR 100-160	Microbial Ecology	3b	3b
QR 180-189.5	Immunology	3b	3b
QR 355-502	Virology	2b	3a
RA 565-618	Environmental Health	3b	3b
S 1-760	Agriculture-General	3b	3a
S 900-972	Conservation of Natural Resources	3b	3b
SB	Plant Culture & Horticulture	3b	3b
SF	Animal Culture, Veterinary Medicine	3a	3a
SH	Fish Culture & Fisheries	3b	3b

TD 170-196	Environmental Pollution	3b	3b
TD 201-500	Water Supply, Water Quality Pollution	3b	3b
TD 878-893	Other Types of Pollution	3b	3b