

# **BIOLOGY**

## **COLLECTION DEVELOPMENT POLICY STATEMENT**

### **I. PURPOSE AND PROGRAM DESCRIPTION**

#### **A. Library Collection Development Objective**

The library seeks to support the BS Biology, BA Biology, MS Biology degree programs as well as the research programs for the faculty and their students. The Department of Biology teaches a wide variety of courses on diverse and emerging disciplines such as ecology, evolution, organismal biology, cell biology, genetics, developmental biology, plant sciences, human anatomy and physiology and neuroscience.

#### **B. Description of User Groups Supported**

User groups supported include undergraduates, master's students, and faculty. Currently all courses are taught on campus.

#### **C. New and Expanding Areas of Interest**

Areas of expanding interest include genetics, genomics, bioinformatics, systematics, cell biology, marine ecology, histology and biomechanics. Significant curriculum changes and faculty hires are already underway in each of these areas.

Due to a loss of faculty and their research programs we have a diminished interest in stream ecology, climate science, environmental science, toxicology, ichthyology, animal physiology, biogeography, animal behavior, population biology and protein biochemistry.

#### **D. Areas of Established Specialization**

Areas of established specialization include plant sciences, cell and molecular biology, genetics, ecology, microbiology, mammalogy, zoology, physiology, neuroscience, entomology, human anatomy and physiology, marine biology, biomechanics, biophysics, developmental biology, infectious disease, wildlife biology, comparative anatomy, and phycology.

### **II. TREATMENT OF SUBJECT DEPTH**

A. Treatment of Depth

<b>SUBJECT SUBDIVISIONS</b>	<b>COLLECTING LEVEL</b>
Anatomy, Comparative	3
Animal Behavior	3
Animal ecology/Wildlife management	3
Bacteriology	2
Biochemistry	3
Bioinformatics	4
Biology – Study and teaching	1
Biomechanics	4
Biostatistics	3
Botany	3
Cell Biology	4
Cytology	1
Developmental biology	4
Ecology	4
Entomology	4
Fish (Ichthyology)	1
Evolution	2
Genetics	4
Herpetology	3
Histology	4
Human anatomy	3
Human physiology	3
Immunology	1
Invertebrates	3
Limnology	1
Mammalogy	4
Microbiology	2
Mycology	4
Ornithology	4
Parasitology	3
Phycology	4
Physiology, Comparative	3
Plant diseases	4
Plant physiology	3
Plants—Classification	1
Population biology	1
Vertebrate Biology	3
Virology	3
Zoology	3

B. Specific Delimitations

**Formats collected:** Journals: extensively. Monographs, Proceedings, and Reference tools: selectively. Maps, Media and Microformat collections: excluded.

**Imprint dates collected:** Current: extensively. 20<sup>th</sup> century: selectively. 19<sup>th</sup> century and Earlier: excluded.

**Chronological focus:** Current: extensively. 20<sup>th</sup> century: selectively. 19<sup>th</sup> century and Earlier: excluded.

**Languages collected:** English.

**Place of Publication:** United States: extensively. Elsewhere: selectively.

**Significant Publishers/Associations:**

American Association for the Advancement of Science (*Science* journal).  
*Nature*  
Elsevier