

General Purpose

The general purpose is to guide the collecting or provision of access to material in the subject of Microbiology to support undergraduate and graduate teaching, and research to the Ph.D. and post-graduate levels. Particular emphasis is placed on microbial physiology, structure, genetics, ecology and technology, immunology, and virology.

Collection development should be maintained at the current collecting intensity objectives by the effective utilization of funds available each year.

Languages

Primarily English, but publications in other languages may be collected as demanded by research needs.

Geographic areas

Materials from any part of the world should be collected to support teaching and research programs, subject to the language limitation.

Chronological Limitations

Material with a recent imprint date is preferred.

Types of Material Collected

Monographs, periodicals, government documents, and research reports are emphasized in whatever format will maximize use. For example, journals are preferred in electronic form. Likewise, e-reference books are also preferred if cost effective. Many of the e-journals relevant to Microbiology will be acquired as part of a large publisher suite through a consortial purchase which is preferred. Other types of publications such as theses, data files (as data or as part of a GIS initiative) or audio visual works may be considered.

Types of Material Excluded

Normally manuscripts, rare books, patents and computer software are not acquired.

Weeding and Relocation to Storage

The Library is committed to effective space utilization in both the campus library and in the TUG Annex (shared storage facility). As part of this, normally, provided there is local loading of electronic resources within an institution in Ontario to safeguard archival retention of information, there is no justifiable cost-benefit in retaining paper copy of what we have in archived back-up electronic format and paper will be withdrawn from the collection. An exception to this is with rare books and archival materials.

Access and Related Resources

The web-based catalogue is the main point-of-access to the Library's scholarly collections and resources, including those accessed on a consortial basis. A broad spectrum of additional information can also be available using document delivery and interlibrary loan services as well as the Internet.

Subjects and Collecting Levels

Subject Area	Existing Collection Strength	Current Collecting Intensity Objective
Microbiology (general)	4E	4E
Bacteriology	4E	4E
Virology	4E	4E
Microfungi	4E	4E
Microbial physiology	4E	4E
Microbial genetics	4E	4E
Molecular biology of viruses	4E	4E
Microbial cell structure	4E	4E
Microbial ecology	4E	4E
Microbial technology	4E	4E
Industrial microbiology	4E	4E
Food and dairy microbiology	4E	4E
Soil microbiology	4E	4E
Medical microbiology	3E	3E
Immunology	4E	4E
Pathogenic bacteriology	4E	4E
Antibodies	4E	4E

For related resources see collections policies for Chemistry and Biochemistry, Pathology, Environmental Biology, Food Science, Land Resource Science, Molecular Biology and Genetics, Botany, and Veterinary Microbiology and Immunology.

The attached Appendix indicates collection levels.

Approval

Dr. Chris Whitfield,
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November 19, 2003

Date

Tim D. Sauer, Head
Information Resources
McLaughlin Library

January 6, 2004

Date