

# LIFE SCIENCES - MICROBIOLOGY (LS-MCRB)

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## Courses

LS-MCRB 114L Introductory Microbiology Laboratory Credits: 2

Introductory laboratory studies in microbiology and infection to correlate with LS-MCRB 113. For non-majors only; does not count toward biology degree requirements. Recommended preparation: BIOLOGY 112 or LS-MCRB 113.

LS-MCRB 121 Human Biology III (Microbiology) Credits: 3

Basic concepts of microbiology with emphasis on infectious diseases and host defenses. Recommended preparation: CHEM 211.

**Prerequisites:** LS-ANATO 219 or BIOLOGY 108.

LS-MCRB 121L Human Biology III (Microbiology) Lab Credit: 1

Laboratory exercises demonstrating basic concepts of microbiology with emphasis on infectious diseases and host defenses.

**Co-requisites:** LS-MCRB 121.

LS-MCRB 4180 Microbiology Credits: 4

Study of infectious diseases, their etiology, symptoms, prevention and treatment. Special emphasis is placed on plaque formation, caries development, periodontal and other oral diseases that relate to dentistry.

**Prerequisites:** School of Dentistry Student.

LS-MCRB 431 Virology Credits: 3

Survey of the molecular biology of animal, plant, and bacterial viruses. The course will emphasize the molecular mechanisms of virus replication, viral pathogenesis, and the use of virus as model systems to study mammalian cells.

**Prerequisites:** BIOLOGY 202, BIOLOGY 206.

**Co-requisites:** BIOLOGY 441.