

# MICROBIOLOGY (MICR)

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## **MICR 505 Environmental and Public Health Microbiology 3 Credit Hours**

This course provides an understanding of microorganisms within all habitats (soil, water, and air) and their beneficial and detrimental impacts on human health and welfare. Emphasis will be placed on soil/water microbiology (fungi, bacteria, archaea, microalgae, protozoa, and viruses); ecological processes (e.g., decomposition, bioremediation, nutrient cycling, biogeochemistry, and agroecosystems) and microbes of public health significance from environmental exposures and microbiological aspects of the environment as related to human health. (F).

### **Restriction(s):**

Can enroll if Level is Rackham or Graduate

\*An asterisk denotes that a course may be taken concurrently.

### Frequency of Offering

The following abbreviations are used to denote the frequency of offering: (F) fall term; (W) winter term; (S) summer term; (F, W) fall and winter terms; (YR) once a year; (AY) alternating years; (OC) offered occasionally