

# BIOL-401 / ENVR-401 : Environmental Microbiology

Exploration of how microorganisms interact with their environment and the implications of these interactions for humans. Specific topics include antibiotic resistance; biodegradation; biodiversity; biofuels; bioremediation; extreme environments; geochemical cycles; methods for sampling; culture and analysis of environmental microorganisms; microbiology of air, water and soil; environmental pathogens; and microbiological treatment of sewage and water. Three lectures and one lab per week. Offered alternate years. (Cross-listed as [ENVR-401](#))

**Credits** 4

**Prerequisites**

[BIOL-309](#) or [ENVR-320](#)

**Term Offered**

Fall Only

**Session Cycle**

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