

BIOL-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. Prerequisites: **BIOL-309** or **ENVR-320** Offered alternate years (Cross-listed as **ENVR-401**)

Credits 4

Prerequisites

BIOL 309 or ENVR 320

Corequisites

Take BIOL-401L

Term Offered

Fall Only

Session Cycle

F

Grade Scheme

BC