

EVPP 305 & 306:

ENVIRONMENTAL MICROBIOLOGY ESSENTIALS AND LABORATORY

INSTRUCTOR
DR. JENNIFER
SALERNO

FALL 2021
LECTURE: 3 CREDITS

ONLINE
SYNCHRONOUS
LECTURE:
TUESDAYS &
THURSDAYS
10:30-11:45 PM

Laboratory
section
(EVPP 306) is a
corequisite
unless previously
completed



COURSE DESCRIPTION:

Microorganisms play a central role in many environmental issues including climate change, zoonotic diseases, biodegradation of pollutants, and wastewater treatment. This course provides an introduction to microbiology as it pertains to environmental problems and their solutions.

TOPICS TO BE COVERED:

- History of Environmental Microbiology
- Microbial Diversity and Metabolism
- Research Methods in Microbiology
- Microbial Threats to the Environment
- Role of Microbes in Maintaining Organism Health and Ecosystem Function



Department of Environmental
Science and Policy