

# Bisc 568: Infectious Disease Ecology

## BIOLOGY

This course covers basic principles of infectious disease ecology and their application to the study of human and wildlife disease spread and control; disease modeling, transmission dynamics, basic reproductive number and herd immunity.

3 Credits

### Prerequisites

- Pre-req: Bisc 301 OR Bisc 322 minimum grade of C or graduate standing

### Instruction Type(s)

- Lecture: Lecture for Bisc 568

### Subject Areas

- [Ecology and Evolutionary Biology](#)

### Related Areas

- [Aquatic Biology/Limnology](#)
- [Conservation Biology](#)
- [Ecology](#)
- [Ecology, Evolution, Systematics and Population Biology, Other](#)
- [Evolutionary Biology](#)
- [Marine Biology and Biological Oceanography](#)
- [Population Biology](#)
- [Systematic Biology/Biological Systematics](#)

