

# Bisc 568: Infectious Disease Ecology

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 minimunm grade of C or graduate standing

## Instruction Type(s)

Lecture: Lecture for Bisc 568

### **Subject Areas**

Ecology and Evolutionary Biology

#### **Related Areas**

- <u>Aquatic Biology/Limnology</u>
- <u>Conservation Biology</u>
- <u>Ecology</u>
- Ecology, Evolution, Systematics and Population Biology, Other
- Evolutionary Biology
- Marine Biology and Biological Oceanography
- Population Biology
- <u>Systematic Biology/Biological Systematics</u>

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