

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

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