

## Ecology Syllabus

Complete each of the assignments in each section in the order listed.  
Lab activities may be added as you progress through the units.

All chapters and page numbers listed are for **Holt Environmental Science**, 2004 edition.

Vocabulary assignments must be completed on Frayer diagrams. All other assignments are to be completed on your own paper unless noted otherwise.

Unit exams can be taken on paper, but may be available online. All exams must be completed during class time



### Lab Safety Module

Complete if needed

### Unit 1: Individuals

Chapter 5: section 1, chapter 10

#### **Vocabulary:**

- Biodiversity
- Keystone species
- Endangered species
- Poaching
- Endemic species
- Germ plasm

**Unit Assignment:** Ch 10- quizzes and concept review

#### **Unit Exam**

### Unit 2: Populations

Chapter 8: p 197-202, Chapter 9: p 219-232

#### **Vocabulary:**

- Population
- Density
- Growth rate
- Demography
- Age structure
- Migration

**Unit Assignment:** Chapters 8 and 9 quizzes and concept reviews

#### **Unit Exam**

## Unit 3: Communities

Chapter 5: section 2; chapter 8: section 2

### **Vocabulary:**

- Niche
- Competition
- Predation
- Parasitism
- Commensalism
- Mutualism



**Unit Assignment:** Ch 5 quizzes and concept review

### **Unit Exam**

## Unit 4: Ecosystems

Chapter 5; chapter 11

### **Vocabulary:**

- Watershed
- Aquifer
- Potable
- Reservoir

**Unit Assignment:** Ch 11 quizzes and concept review

### **Unit Exam**

## Unit 5: Biomes

Chapter 6; chapter 7

### **Vocabulary:**

- Biome
- Canopy
- Permafrost
- Plankton
- Benthos
- Estuary

**Unit Assignment:** Chapters 6 and 7 quizzes and concept review

### **Unit Exam**

## Unit 6: Humans and Sustainability

Sections of Chapters 12-21

### **Vocabulary:**

- Primary pollutant
- Secondary pollutant
- Ozone layer
- Greenhouse gases
- Urbanization
- Reclamation

**Unit Assignment:** Chapters 12 and 14 quizzes and concept review

**Film:** "Environmental Issues and Human Impact" with question sheet

### **Unit Exam**



EOC Review Guide

Ecology EOC