



Syllabus for *Foundations of Modern Biology: Genetics, Evolution, and Ethics*

- Lesson One, Theory: Thinking About Science
- Lesson Two, Theory: The Life Sciences Before Darwin
- Lesson Three, Theory: An Introduction to Darwinian Evolution
- Lesson Four, Theory: An Introduction to Mendelian Genetics
- Lesson Five, Theory: Extensions of Mendelian Genetics
- Lesson Six, Theory: An Introduction to Population Genetics
- Lesson Seven, Theory: Microevolution and Genetic Variation in Populations
- Lesson Eight, Theory: Macroevolution and Speciation
- Lesson Nine, Theory: A Brief History of Life on Earth
- Lesson Ten, Theory: Primate Evolution
- Lesson Eleven, Progress: Thinking About Progress
- Lesson Twelve, Progress: *The Time Machine*, Part 1
- Lesson Thirteen, Progress: *The Time Machine*, Part 2
- Lesson Fourteen, Progress: *The Time Machine*, Part 3
- Lesson Fifteen, Progress: Evolution and Progress
- Lesson Sixteen, Ethics: Thinking About Ethics
- Lesson Seventeen, Ethics: Social Darwinism and the Eugenics Movement
- Lesson Eighteen, Ethics: The Rise and Fall of Scientific Racism
- Lesson Nineteen, Ethics: Biology and Gender
- Lesson Twenty, Ethics: Evolution and Ethics