**Course Overview:**

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| Unit | Topics | Approximate Time Frame |
| Unit 1: The Ecosystem | * Abiotic vs. Biotic Factors * Trophic Levels * Pyramids of numbers, energy, and biomass * Biomes * Limiting Factors * Carrying Capacity * Nutrient Cycling * Succession * Techniques for assessing environmental change | 6 weeks |
| Unit 2: Human Population and Resource Use | * Growth curves * Predicting population growth * Renewable, replenishable, and non-renewable resources * Sustainability * Soil systems * Water resources * Food resources * Limits to human population growth * Ecological footprint | 6 weeks |
| Unit 3: Conservation and Biodiversity | * Biodiversity in ecosystems * The influence of evolution on biodiversity * Conservation of biodiversity | 1 week |
| Unit 4: Pollution Management | * Sources of pollution * Point source vs. non-point source * Biotic Indexes * Eutrophication * Depletion of the ozone layer * Acid Precipitation | 2 weeks |
| Unit 5: Global Warming | * Causes and Solutions * The Debate | 1 week |