

# Download Ecology For Biology Study Guide

Ecology (from Greek: *oikos*, "house", or "environment"; *-logos*, "study of") is the branch of biology which studies the interactions among organisms and their environment. Objects of study include interactions of organisms with each other and with abiotic components of their environment. Topics of interest include the biodiversity, distribution, biomass, and populations of organisms ...Biology is the natural science that studies life and living organisms, including their physical structure, chemical processes, molecular interactions, physiological mechanisms, development and evolution. Despite the complexity of the science, there are certain unifying concepts that consolidate it into a single, coherent field. Biology recognizes the cell as the basic unit of life, genes as ...Biology at Boston University is a highly integrative department, with faculty teaching and conducting research in the broad range of fields that comprise the contemporary life sciences. This lesson covers producers and consumers in biology. We'll discuss what producers and consumer are and consider examples of each in different ecosystems.