

BTH 205: INTRODUCTORY ECOLOGY & EVOLUTION (2 Units)

Concepts and definitions of ecosystems. Biotic interactions, energy flow and nutrient Cycling. Trophic structure and productivity. Current concepts of evolution and origin of life to include Theories of evolution and Evidences supporting evolution. Geological time scale of evolutionary events (Periods, epochs and events). Genetic variation and separation. Evolution of selected organisms, particularly the Hominid line.