

### **BIO 101: GENERAL BIOLOGY I (2 Units)**

The scope of Biology and its place in human welfare including characteristics of life, concepts in biology, topical issues in biology and career opportunities. Diversity and classification of living things. Cell structure and organisation; functions of cellular organelles; diversity, general reproduction, interrelationship of organisms, heredity and evolution; elements of ecology and types of habitat. Differences between plants and animals. Variation and life cycles of plants to include non-vascular plants like algae, fungi, bacteria, viruses, bryophytes and petridophytes. Varieties and forms of life cycles and functions of flowering plants.