

## Some Branches of Biology

**Anatomy** deals with the structure of living things.

**Bacteriology** is the study of bacteria.

**Biochemistry** examines the chemical processes and substances that occur in living things.

**Botany** is the study of plants.

**Cytology** studies the structure, composition, and functions of cells.

**Ecology** concerns the relationships living things have with one another and their environment.

**Embryology** deals with the formation and development of plants and animals from fertilization until they become independent organisms.

**Entomology** - the study of insects.

**Ethology** - concerns animal behavior under natural conditions.

**Genetics** - study of heredity.

**Ichthyology** - study of fishes.

**Immunology**- concerns the body's defenses against disease and foreign substances.

**Limnology** - studies bodies of fresh water and the organisms that live in them.

**Marine biology** investigates life in the ocean.

**Medicine** is the science and art of treating and healing.

**Microbiology** deals with microscopic organisms.

**Molecular biology** analyzes molecular processes in cells.

**Ornithology** - the study of birds.

**Paleontology** - the study of prehistoric life.

**Pathology** examines the changes in the body that can cause disease or are caused by disease.

**Physiology** deals with the functions of living things.

**Systematics**, also called *taxonomy*, is the scientific classification of organisms.

**Virology** - concerns viruses and virus diseases.

**Zoology** - the study of animals.