

ANATOMY AND PHYSIOLOGY SCOPE AND SEQUENCE

Semester 1 (3 week units)

- Unit 1:** **Cells and Tissues** (cell processes, cell structures, cell membranes, molecule movement, cell division, levels of organization, tissues, etc.)
- Unit 2:** **Histology** (the study of cells and tissues, tissue type identification, etc.)
- Unit 3:** **The Skeletal System** (bone structure and function; bone identification; skeletal system diseases / disorders; etc.)
- Unit 4:** **The Muscular System** (muscle structure and function; muscle identification; muscular system diseases / disorders; etc.)
- Unit 5:** **The Integument and Homeostasis** (skin; regulatory mechanisms; integumentary system diseases / disorders; etc.)
- Unit 6:** **The Nervous System** (organs of the nervous system; nervous system diseases / disorders; etc.)

Semester 2 (3 week units)

- Unit 7:** **The Endocrine System** (organs of the endocrine system; endocrine system diseases / disorders; etc.)
- Unit 8:** **The Cardiovascular System** (organs of the cardiovascular system; cardiovascular system diseases / disorders; etc.)
- Unit 9:** **Lymphatic System and Immunity** (organs of the lymphatic system; lymphatic system diseases / disorders; etc.)
- Unit 10:** **Respiratory System** (organs of the respiratory system; respiratory system diseases / disorders; etc.)
- Unit 11:** **The Digestive System** (organs of the digestive system; digestive system diseases / disorders; etc.)
- Unit 12:** **The Urinary System** (organs of the urinary system; urinary system diseases / disorders; etc.)
- Unit 13:** **Reproduction and Development** (organs of the reproductive system; rep. system diseases / disorders; etc.)