

BIOLOGY

There are three modules offered.

BLG-5061-1 The Human Respiratory System - 1 level 5 credit

Students are introduced the human respiratory system and the health problems associated with it.

This course covers:

- anatomical structures of the respiratory system
- pulmonary inhalation and exhalation mechanisms
- gas exchanges in lungs and cells
- health problems related to the respiratory system

BLG-5064-2 The Anatomy and Physiology of Cells - 2 level 5 credits

Students learn some of the concepts of anatomy and physiology of both the animal and plant cell and will gain a better understanding of the function of cells which are the basic units of life.

This course covers:

- plant and animal cell structures
- cell nutrition and excretion
- cell reproduction
- cellular respiration
- deoxyribonucleic (DNA) and ribonucleic (RNA) acids

BLG-5065-2 The Transmission of Hereditary Characteristics- 2 level 5 credits

Students are introduced to the concept of the transmission of human hereditary characteristics.

This course covers:

- the transmission of hereditary characteristics
- problems associated with the transmission of hereditary characteristics