

BIOL 102: Foundations in Biomedical Science II

This course continues the exploration of the fundamental concepts underlying biomedical science, including DNA replication, transcription, translation, signal transduction mechanisms, apoptosis, the cell cycle, and cancer. This course is designed for students who may have previously studied biology but need a refresher on the main concepts in biomedical science as well as students without a science background who wish to gain a foundation in basic biological mechanisms and is a continuation of Foundations in Biomedical Science I.

Learning Objectives

- Trace the flow of genetic information at the intracellular level, from DNA to protein Summarize the cell cycle and will analyze examples of cell cycle dysfunction Build and hone critical-thinking skills

Sample syllabus is subject to change.

Credits: 2

Class Type: Graduate Course

Prerequisites:

BIOL 101

The above course(s) or permission from the instructor.

Program: Biology, Genetics, and Medicine

Availability Fall 2021

Session Session B