BIOL260C : Cell Biology

For biology majors, focuses on eukaryotic cells. General topics include the structure and function of principal cellular components, energy metabolism, signal transduction, apoptosis, the cell cycle, gene expression, and an introduction to cancer biology. Lab experiments include modern cell research techniques such as ELISA, gel electrophoresis, and animal cell culture.
Credits 4
Lab/Practicum/Clinical Hours 3
Lecture Hours 3
Prerequisites
Students are required to pass prerequisite courses with a grade of C or higher. Exceptions apply; please consult your department chair.

- Students must take either BIOL112C or BIOL196C.

BIOL112C
BIOL196C
Learning Outcomes
Upon completion of this course, students will:

1. Define the cell theory and describe the structures and main functions of cells.
2. Examine energy metabolism and signal transduction pathways.
3. Describe the cell cycle, gene expression, and gene regulation.
4. Demonstrate proper laboratory techniques and skills.