

# BIOL3460 : Cell Biology

A study of the processes common to life at the molecular and cellular level. This course deals primarily with the structure and function of eukaryotic cells with focus on cell composition, organelles, cytoskeleton, bioenergetics, metabolic processes, cell signaling, the cell cycle, apoptosis, and cancer. It is strongly recommended that [BIOL3720 Genetics](#) be taken prior to this course.

**Credits** 3

**Prerequisites**

[BIOL2220](#), [BIOL2230](#), or instructor's approval.

**Corequisites**

[BIOL3460L](#)

**Semester Offered**

Alternate years.