

## BIO 310 : CELL BIOLOGY

This course is a study of the structure and function of prokaryotic and eukaryotic cells. Different areas of cellular biology including the synthesis and function of macromolecules such as proteins; membrane and organelle structure and function; bioenergetics; and cellular communication will be examined. Examples of relevant human disorders will also be used to help the student understand consequences of cellular dysfunction. Laboratory sections are designed to illustrate cellular phenomena, as well as introduction to techniques and procedures commonly utilized in modern cell and molecular biology research. Lab Fee.

4.000

BIO 191 or its equivalent and CHM 203.

Biology

BIO 191

CHM 203

Major, Minor, Elective Credit.