

General Biology

Welcome to general Biology! Coming from a background in medical science and research, the instructor will provide a comprehensive view of general biology, ranging from topics discussed late high school/early college level for Biology.

Aside from topics such as transcription, translation, and other expected activities, the course will also feature detailed research into PubMed/NCBI, the national database for medical research conducted by physicians. Having a background of research and contributions to this database, the instructor will explain the properties from a chemistry standpoint. For example, how does sodium Bicarbonate relate to practical applications for patients reporting an upset stomach? How does asthma cause tiredness from the perspective of the Krebs cycle? Why is one tired after a heavy meal, and how does this relate to their ATP levels? Many topics such as these will be explored in depth, which will prove useful especially for those who wish to enter the field of medicine.

During the course, we will meet for one-hour sessions daily, Monday through Friday, starting at 6 PM CDT. The instructor will cover the topics in a high school organized format, coming from being certified to teach Biology in his country. He will also be available to contact between classes for anyone who has any questions regarding the material.