

BIO 103: Principles of Biology I

BIO 103A is the theory portion only of BIO 103. Students must take BIO 103L as a co-requisite to BIO 103A. BIO 103L is the lab portion that accompanies the lecture class. Sections listed as BIO 103 include both the theory/lecture (A) and lab (L) portions of the course. This is an introductory course for both science and non-science majors. It covers physical, chemical, and biological principles common to all organisms. These principles are explained through the study of cell structure and function, cellular reproduction, basic biochemistry, cell energetics, the process of photosynthesis, and Mendelian and molecular genetics. Also included are the scientific method, basic principles of evolution, and an overview of the diversity of life with survey of viruses, prokaryotes, and the protists. A 120-minute laboratory is required.

Credits: 4

Lab Hours: 1

Lecture Hours: 3

Program: [Biology](#)