

BIO 103 : Principles of Biology I

This is an introductory course for both science and nonscience majors. It covers physical, chemical, and biological principles common to all organisms. These principles are explained through a 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 emphasis on viruses, prokaryotes, and protists. A 120 minute laboratory is required.

Code A

Credits 4

Theory Credit

3

Experimental Laboratory Credit

2

Prerequisites

Must have completed ENG 101 successfully or be able to take ENG 101 without the ENG 099 support lab. Eligibility for ENG 101 can be determined by appropriate ACT, SAT, or Accuplacer score or by completion of ENR 094 or ENR 098 with a C or higher.