

Biology 100
Topics in Biology
(5 units)

This course fulfills the Life Sciences (B.2) requirement in the Natural Sciences Breadth Area of the CSUSB General Education Program. The University expects students who successfully complete this requirement to be able to:

Explain some of the most important results of scientific inquiry in the life sciences. Students will demonstrate a breadth of knowledge concerning a major area in the life sciences, which also incorporates supportive facts and concepts from other major areas in the life and/or physical sciences. In particular, students will

Objectives:

1. Demonstrate knowledge of the life forms in nature and the rules governing their structure, function and ecology.
2. Demonstrate an understanding of the experimental basis for current knowledge and future exploration in the Life Sciences area.
3. Demonstrate familiarity with the usual techniques and apparatus of the life sciences (e.g, measurement techniques, sterile techniques, microscopy, ...).
4. Utilize the scientific method to design simple experiments and to collect, analyze and evaluate life science data in a lab or field setting.