

BI 101: Biology

Introduces the properties of life, morphology and physiology of cells, cell chemistry, energy transformation, and the basic principles of ecology. A laboratory science course designed for non-biology majors.

Course Student Learning Outcomes

Upon completion of the course students should be able to:

- Apply knowledge of the structures and functions of biological molecules, cells, populations, communities and ecosystems, to solve interdisciplinary problems.
- Gather information, assess its validity, and differentiate factual information from opinion and pseudo-science by practicing methods used by biological scientists.
- Demonstrate an understanding and application of the self-correcting nature of science.
- At an emerging level, use quantitative reasoning to interpret patterns in the living world.
- Communicate informed positions on biological issues, using appropriate biological vocabulary.

Credits: 4

Prerequisites: [WR 115](#) [RD 115](#) [MTH 20](#) Equivalent placement test scores also accepted.

Program: [Biology](#)