

# 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.

**Credits 4**

**Prerequisites**

Equivalent placement test scores also accepted.

**Subject**

[Biology](#)

**Course 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.

**Prerequisite Courses**

[WR 115](#)

[RD 115](#)