

BIOL 171 : Introduction to Biology I

Credits: 3

Class Hours: 3 lecture

Corequisites: BIOL 171L and either CHEM 151 or CHEM 161

Recommended: Completed ENG 100.

Comments: Cross-listed with MARE 171.

Description: This course covers introductory biology with a marine emphasis for all life science majors including cell structure, chemistry, growth, reproduction, genetics, evolution, viruses, bacteria, and simple eukaryotes. It is taught with a molecular and cellular focus.

Semester Offered: Fall

Designation:

Diversification: Biological Sciences – DB

Course Student Learning Outcomes (CSLOs):

1. Describe and explain the chemistry of life, the cell, genetics and mechanisms of evolution.
2. Synthesize and evaluate information about the chemistry of life, the cell, genetics and mechanisms of evolution when analyzing new information.
3. Demonstrate the ability to think critically and employ critical thinking skills.
4. Describe and explain the relationship between structure and function.
5. Apply knowledge of the chemistry of life, the cell, genetics and mechanisms of evolution when analyzing new information.