

Course Number

BIO-103-01

Course Description

More than 3.5 billion years of evolution have resulted in the astonishing diversity of genetically interconnected organisms comprising life on earth. This course will explore biodiversity through the lens of ecology, evolution, and heredity, and will investigate various topics, including: the history of life on Earth, evolutionary change, Mendelian & non-Mendelian inheritance, genetic recombination, as well as human impacts on biodiversity and ecological functioning. These processes will be studied in lab using animal model systems, computer simulations, observations of diversity, and molecular techniques. Students will learn experimental design, data analysis, scientific writing, and various laboratory skills during weekly lab sessions.

Academic Term

20/FA

Instructor

Bishop, Jennifer

Location & Meeting Time

Synchronous Online-ONLI M/W/F 09:20AM-10:25AM LEC

Petition

Y

Credits

1.00

Capacity

48

Total Students

47

Additional Information

<http://www.union.edu/Biology>

Common Curriculum

SCLB Science w/Lab

Interdisciplinary Programs

Environmental Science & Policy

Academic Department

Biology

Field Of Study

Biology (BIO)