

Course Number

BIO-104-02

Course Description

The cell is the basic unit of life. From single-celled to multicellular organisms, the cell must transform energy to survive, interact with its environment and reproduce itself. Different types of cells have different functions, and those specialized functions are exhibited in the signals they send and receive, the genes they express and ultimately the biochemical reactions they regulate. Thus, the arrangement and actions of biologically important molecules organize into functioning cellular systems and work together to carry out these important life processes. Required weekly laboratory sessions will introduce students to important tools and methods used by biologists and employ them to investigate biochemical and cellular processes and develop skills with scientific investigation including distinguishing theories and hypotheses, generating and testing hypotheses and analyzing data.

Academic Term

20/WI

Instructor

Rice, Steven

Location & Meeting Time

Karp Hall-005+ M/W/F 09:15AM-10:20AM LEC

Petition

Y

Credits

1.00

Capacity

40

Total Students

35

Additional Information

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

Common Curriculum

SCLB Science w/Lab

WAC Writing Across Curriculum

Academic Department

Biology

Field Of Study

Biology (BIO)