Principles of Biology I

Last Updated: Tue, 07/29/2025

Course prefix: BIOS

Course number: 1107

Section: A, B, HP

CRN
XXXX

Instructor first name: Shana

Instructor last name: Kerr

Semester: Fall

Academic year: 2025

Catalog description:

An introduction to biological principles, including biomacromolecules, bioenergetics, cell structure, genetics, evolution, and ecological relationships for STEM majors and prehealth students.

Academic honesty/integrity statement:

All students are expected to abide by the Academic Honor Code, which can be viewed online at https://policylibrary.gatech.edu/student-life/academic-honor-code. Plagiarism is the unattributed use of the words of ideas of others; plagiarism on any assignment, including laboratory reports and the group project, will be referred to the Office of Student Integrity for adjudication. If you have any questions regarding your assignments and plagiarism, we encourage you to consult with any of us before you submit the assignment. Cell phones may not be used during exams, and any indication of unauthorized cell phone access during the exam may be referred to the Office of Student Integrity.

Core IMPACTS statement(s) (if applicable):

This is a Core IMPACTS course that is part of the STEM area.

Core IMPACTS refers to the core curriculum, which provides students with essential knowledge in foundational academic areas. This course will help students master course content, and support students' broad academic and career goals.

This course should direct students toward a broad Orienting Question:

- How do I ask scientific questions or use data, mathematics, or technology to understand the universe?

Completion of this course should enable students to meet the following Learning Outcome:

- Students will use the scientific method and laboratory procedures or mathematical and computational methods to analyze data, solve problems, and explain natural phenomena.

Course content, activities and exercises in this course should help students develop the following Career-Ready Competencies:

- Inquiry and Analysis
- Problem-Solving
- Teamwork