



Introduction to Biology – C190

[Course Feedback](#)

Overview

This course is a foundational introduction to the biological sciences. The overarching theories of life from biological research are explored as well as the fundamental concepts and principles of the study of living organisms and their interaction with the environment. Key concepts include how living organisms use and produce energy; how life grows, develops, and reproduces; how life responds to the environment to maintain internal stability; and how life evolves and adapts to the environment.

Competencies

▲ Living Organisms

The graduate analyzes the characteristics and classification of living organisms.

▲ Chemistry

The graduate analyzes the basic chemical composition of cells and the basic processes that happen at the cellular level.

▲ Cells

The graduate analyzes different types of cells based on their structures and biological functions.

▲ Genetics

The graduate analyzes the biological basis for and patterns of heredity and gene expression.

▲ Organisms and their Environments

The graduate analyzes interdependencies of organisms and their environments.

Learning



The learning resource includes readings and several other activities with immediate feedback to improve and test your knowledge. These include the virtual labs activities, "Did I Get This," and "Learn by Doing." The learning resource also includes "Personal Practice" quizzes and "Unit Tests." For the best understanding of the concepts, work through each of the modules in order, completing all of the activities on each page. Check your understanding of the modules and units by completing the "Personal Practice" and "Unit Test" activities. As you work through the content, it is recommended that you write out notes on the learning objectives located at the top of each page in the learning resource. Additionally, you can attend live review sessions and meet with course instructors to review your work, assess your understanding, and address questions.

[GO TO COURSE MATERIAL](#)

Cohort Sign-up

Cohorts provide additional structure and support for challenging aspects of this course. In a cohort you receive specific homework assignments and meet online with mentors and students regularly to discuss the challenging topics.

[EXPLORE COHORT OFFERINGS](#)

Assessments

Preassessment: Introduction to Biology

STATUS: **Not Attempted**

OF ITEMS: **70**

TIME ALLOTTED: **120 minutes**

CODE: **PKBC**

[TAKE NOW](#)

Objective Assessment: Introduction to Biology

STATUS: **Not Attempted**

OF ITEMS: **70**

TIME ALLOTTED: **120 minutes**



A score of **Competent** or **Exemplary** is required to pass all assessments. Passing a preassessment does not guarantee you will pass the high stakes assessment.

On objective assessments, you will be charged a retake fee for the third attempt and every attempt thereafter. For more information [click here](#).

Course Information

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Course Instructor 

Course Instructor Group

 lifescience@wgu.edu

Announcements 

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