

Introductory Biology in the Department of Biological Sciences

LECTURE COURSES—all 3 credit hours				
Course Number	Course Name	Description	Offerings	Prerequisites
BIOSC 0150	Foundations of Biology 1	First course in a two semester sequence that is intended for students who plan to become biology majors or who plan another major requiring the courses (e.g. Neuroscience) or who need the course for application to a professional school (e.g. medical school).	Fall, Spring, Summer (6week1)	None
BIOSC 0160	Foundations of Biology 2	Second course in a two semester sequence that is intended for students who plan to become biology majors or who plan another major requiring the courses (e.g. Neuroscience) or who need the course for application to a professional school (e.g. medical school).	Fall, Spring, Summer (6week1 & 6week2)	BIOSC 0150 (minimum grade of C)
BIOSC 0715	UHC Honors Foundations of Biology 1	First course in a two semester sequence that is for students who would like an extra challenge.	Fall	AP Biology score of ≥ 4 or IB Biology score of ≥ 5
BIOSC 0716	UHC Honors Foundations of Biology 2	Second course in a two semester sequence that is for students who would like an extra challenge.	Spring	BIOSC 0715 (minimum grade of C) or AP Biology score of 5 or IB Biology score of 7; minimum cumulative GPA 3.25
BIOSC 0100	Preparation for Biology	For students who self identify as needing preparation before taking BIOSC 0150 & BIOSC 0160. This can include students who have not had a high school biology course or who have not complete college algebra.	Fall	None
BIOSC 0805	The Human Body	For non-biology majors who are interested in biology	Fall	None
BIOSC 0815	Genes and Diseases	For non-biology majors who are interested in biology	Spring	None

LABORATORY COURSES—all 1 credit hour*				
Course Number	Course Name	Description	Offerings	Prerequisites
BIOSC 0050	Foundations of Biology Laboratory 1	First course in a two semester sequence of inquiry-based labs where students are guided in asking questions & designing experiments.	Fall, Spring, Summer (6week1)	BIOSC 0150 (minimum grade of C)
BIOSC 0067	Foundations of Biology Research Laboratory 2	Second course in which students engage in authentic research, addressing a question that has never been answered before. Topics change each term.	Fall & Spring	BIOSC 0050 & BIOSC 0160 (minimum grade of C)
BIOSC 0058/0068	Foundations of Biology SEA-PHAGES Laboratory 1 & 2	Two semester sequence of courses where students engage in authentic research about viruses (phages) that infect bacterial cells. Students should plan to take both courses, although a student can switch to BIOSC 0060 or 0067 in the second semester if desired.	BIOSC 0058 – Fall BIOSC 0068 – Spring	None for BIOSC 0058; BIOSC 0058 is a prerequisite for BIOSC 0068

* Introductory laboratory courses are offered separately from the lecture courses. These labs are intended for students who are interested in majors that require biology labs or who need the courses for application to professional schools (e.g. medical school). All 005x courses and 006x courses are considered equivalent to each other so if you need two semesters of biology labs you would take one 005x course and one 006x course.

Contact Information:

For more information about the undergraduate programs in the Department of Biological Sciences, visit us at:

<http://www.biology.pitt.edu/undergraduate>

For biology advising questions, contact our BIOSC advisors in A258 Langley Hall:

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