

Biology (BS) – Curriculum Guide

Student Name: _____

Advisor: _____

GENERAL EDUCATION REQUIREMENTS

COMPETENCIES

(Minimum grade of C- required in all competencies)

FS 0102 Freshman Seminar

(if transferring in fewer than 18 credits)

Writing

ENG 0101 English Composition I

ENG 0102 English Composition II

Mathematics

* MATH 0098 College Algebra II or Higher *(see major)*

THE HUMAN EXPERIENCE

Students are required to complete two courses designated

as "Global"

ARTS & LETTERS *(ONE course MUST be literature;*

ONE course MUST be a creative, fine or performing Arts course)

Literature

Arts

Literature, Arts, Language

BEHAVIORAL, ECONOMIC, & POLITICAL SCIENCES

(Two different categories must be represented)

HISTORY, CULTURES, & PHILOSOPHICAL INQUIRY

(ONE course MUST be History, and ONE course must be Cultures or Philosophical Inquiry)

HIST

PHYSICAL, LIFE, & COMPUTATIONAL SCIENCES

(ONE course must be a Physical Science, ONE must be a Life Science and ONE must include a lab)

(See Major)

(See Major)

(See Major)

Lab *(See Major)*

PHYSICAL EDUCATION

PEDC

Students interested in applying to schools of chiropractic, dentistry, medicine, optometry, podiatry, and veterinary medicine must complete:

*1 year of Organic Chemistry with labs

CHEM 0206, 0207, 0208, and 0209

*1 year of General Physics with labs

PHYS 0101 and 0102 or 0201, 0202, 0203, and 0204

*1 semester of Calculus *MATH 0140*

10/3/17

REQUIRED MAJOR COURSES:

BIOL 0101 Intro. to Cell and Molecular Biology *GE (4)*

BIOL 0102 Introduction to Biodiversity *GE (4)*

BIOL 0203 Genetics *(4)*

BIOL 0217 Principles of Ecology & Evolution *(4)*

BIOL 1451 Capstone *(2)*

Upper Level Biology Electives (16 cr)

2 courses MUST include a Lab

Upper-Level Biology electives *(4)*

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Other Required Courses:

CHEM 0101 General Chemistry I *GE (4)*

CHEM 0102 General Chemistry II *GE (4)*

CHEM 0206 Organic Chemistry I *(3)*

CHEM 0207 Organic Chemistry I Lab *(1)*

Choose ONE of the following:

MATH 0132 Precalculus *GE (4)*

MATH 0136 Applied Calculus *GE (4)*

MATH 0140 Calculus I *GE (4)*

Choose ONE of the following:

PHYS 0101 Introduction to Physics I *GE (4)*

PHYS 0103 Concepts of Modern Physics *GE*

PHYS 0201 Foundations of Physics I *GE*

*MATH 0098 does not meet the mathematics competency
At the Pittsburgh campus

According to your Degree Progress Report in MY.PITT.EDU upon successful completion of the current term:

You will have EARNED _____ credit hours

You NEED _____ for 120 credit hours required for graduation.

You will have earned _____ credit hours of Upper Level course work.

You NEED _____ for the 30 credit hours required for graduation.

NOTE: This guide is unofficial. Completing the requirements on this sheet does NOT guarantee degree completion. Official degree completion information can be found in **MY.PITT.EDU**. Contact your Faculty Advisor and/or the Registrar's Office with questions or concerns.



BACHELOR OF SCIENCE IN BIOLOGY
(Suggested 4 Year Plan)

FIRST YEAR, 1ST TERM	CREDITS	FIRST YEAR, 2ND TERM	CREDITS
ENG 0101 English Composition I	3	ENG 0102 English Composition II	3
BIOL 0101 Introduction to Cell & Molecular Biology	4	BIOL 0102 Introduction to Biodiversity	4
CHEM 0101 General Chemistry I	4	CHEM 0102 General Chemistry II	4
FS 0102 Freshman Seminar	3	MATH 0132 Precalculus OR MATH 0136 Applied Calculus OR MATH 0140 Calculus I	4
GE: PEDC	1		
Credit hours per term	15	Credit hours per term	15
		Credit hours per academic year	30

SECOND YEAR, 1ST TERM	CREDITS	SECOND YEAR, 2ND TERM	CREDITS
BIOL 0203 Genetics	4	BIOL 0217 Principles of Ecology & Evolution	4
CHEM 0206 Organic Chemistry I	4	GE: History, Cultures, or Philosophical Inquiry	3
CHEM 0207 Organic Chemistry I Lab		GE Behavioral, Economics or Political Science	3
GE Arts & Letters	3	GE: Arts & Letters	3
GE Behavioral, Economics or Political Science	3	Elective	3
Credit hours per term	14	Credit hours per term	16
		Credit hours per academic year	30

THIRD YEAR, 1ST TERM	CREDITS	THIRD YEAR, 2ND TERM	CREDITS
Upper Level Biology Elective with Lab	4	Upper Level Biology Elective with Lab	4
PHYS 0101 Introduction to Physics OR PHYS 0103 Concepts of Modern Physics OR PHYS 0201 Foundations of Physics I	3-4	GE: Arts & Letters	3
GE: History, Cultures or Philosophical Inquiry (NW)	3	GE: Behavioral, Economics or Political Science	3
Upper Level Biology Elective	3	GE: History, Cultures, or Philosophical Inquiry	3
Upper Level Elective	3	Elective	3
Credit hours per term	16-17	Credit hours per term	16
		Credit hours per academic year	32-33

FOURTH YEAR, 1ST TERM	CREDITS	FOURTH YEAR, 2ND TERM	CREDITS
Upper Level Biology Elective	3-4	Upper Level Biology Elective	3
BIOL 1451 Capstone	2	Upper Level Elective	3
Elective	3	BIOL 1451 Capstone	2
Elective	3	Elective	3
Elective	3	Elective (<i>Internship Recommended</i>)	1-2
		Credit hours per term	12-13
Credit hours per term	14-15	Credit hours per academic year	26-28
		TOTAL CREDITS REQUIRED FOR DEGREE	120

Please note that this is a potential plan for completing your degree within four years. The order of classes does not necessarily need to be followed exactly as written. Be sure to check the Academic Catalog for pre-requisites. Make sure to discuss grade requirements and course offerings each semester with your Faculty Advisor prior to registering for the upcoming term. Consult your Degree Progress Report in <http://my.pitt.edu> for an official record of your degree standing.