

Bachelor of Arts Degree **Biology Major** 2005-2006

Department of Biology
255 Biology Life Sciences Building
 (215) 204-8851

Chairperson: Dr. Shohreh Amini
Faculty Advisor: Dr. Shepherd Roberts
www.temple.edu/biology

- **123** credits, **90** of which must be in CST/CLA courses
- **45** credits must be upper level (UL) coursework in either CST/CLA or UL course(s) that can be credited towards the major or declared 2nd major/minor chosen in consultation with an advisor.
- Appropriate Core Curriculum requirements:
 - Traditional Core 45 Core to Core
- Minimum of 2 courses numbered 100 or above in the College of Liberal Arts (CLA) _____ _____
- The following requirements for the Biology Major:

Math Sequence: 0045 > C073 > C074 > C085 > 0086

First Year

- Calculus I (Math C085, or H095) •
 - Calculus II (Math 0086, or H096) •
 - General Chemistry I with Lab (Chem C071/C073 or equiv.) •
 - General Chemistry II with Lab (Chem C072/C074 or equiv.) •
 - Introduction to Biology [for Majors] (Bio 0101 or Bio H101)
- [prereq Chem C071 or equiv.; co-req Chem C072] **Formerly Bio 0104**

Second Year

- Introduction to Biology [for Majors] (Bio 0102 or H102)
- [prereqs Chem C071, Chem C072, or equiv.; co-req Chem 0121 or equiv.]
Formerly Bio 0103
- Organic Chemistry I with Lab (0121/3 or equiv.) •
 - Organic Chemistry II with Lab (0122/4 or equiv.) •
 - General Physics I (Physics 0121) •
 - General Physics II (Physics 0122) •
 - Genetics (Bio 0203) •

Third Year

- Cell Structure and Function (Bio W204) ••
- *This is the Writing Intensive course for Biology majors.**
- Principles of Ecology (Bio 0227) •

Fourth Year

- Elective in Biology numbered above 0204 •
- Elective in Biology numbered above 0204 •
- Elective in Biology numbered above 0204 •

• Courses have pre- and/or co-requisites, consult course descriptions for details.

•• Bio 0292 will not count as an elective in Biology numbered above 0204.

Traditional Core

For students starting as freshmen or transferring with fewer than 45 credits.

- English C050 _____
- American Culture _____
- The Arts _____
- Individual and Society _____
- Studies in Race _____
- Foreign Language 2nd level * _____
- Foreign Language 3rd level * _____
- International Studies _____
- International Studies (non western) * _____
- Science and Technology (SA) _____
- Science and Technology (SB) _____
- Quantitative Reasoning (QA) _____
- Quantitative Reasoning (QB) _____
- Intellectual Heritage X051 _____
- Intellectual Heritage X052 _____
- Writing Intensive Elective _____
- Writing Intensive Elective (Must be taken at Temple) _____
- Writing Intensive in Major (Must be taken at Temple) _____

* B.A.

- 2nd level of a language + 2 IS (1 non western) or
- 3rd level/ Exempt[^] + 1 IS

Core 45 +

For students receiving 45 credits or more in transfer.

- English C050 _____
 - American Culture _____
 - The Arts _____
 - Individual and Society _____
- } 2 of the 3
- Studies in Race _____
 - Science and Technology (SA or SB) _____
 - Quantitative Reasoning (QA or QB) _____
 - Intellectual Heritage X051 or X052 _____
 - Writing Intensive Elective (Must be taken at Temple) _____
 - Writing Intensive in Major (Must be taken at Temple) _____
 - Foreign Language _____
 - International Studies _____
 - International Studies (non western) _____

* B.A.

- 2nd level of a language + 2 IS (1 non western) or
- 3rd level/ Exempt[^] + 1 IS

Core to Core

For students who have completed an approved Associate's degree from a college that has an established transfer agreement with Temple.

B.A. follow traditional core foreign language/IS requirement

- Writing Intensive Elective (Must be taken at Temple) _____
- Writing Intensive in Major (Must be taken at Temple) _____
- Library Skills (TILT) www.library.temple.edu
 (Must be taken in order to graduate)

^If English is your second language, speak with an advisor about possible exemption.
 Revised 6/23/05