

Bachelor of Science Degree Biology Major 2006-2007

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 CST major or declared CST 2nd major/minor requirement(s).
- Appropriate Core Curriculum requirements:
 Traditional Core 45+ Core to Core
- A recommended sequence of courses for the major is listed below:

Students must check the pre- and/or co-requisites before registering for courses.

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.)
- Intro to Biology (Bio 0101 or Bio H101) *Formerly Bio 0104*

Second Year

- Intro to Biology (Bio 0102 or Bio H102) *Formerly Bio 0103*
- Organic Chemistry I with Lab (0121/3 or equiv.)
- Organic Chemistry II with Lab (0122/4 or equiv.)
- Genetics (Bio 0203)

Third Year

- General Physics I (Physics 0121)
- General Physics II (Physics 0122)
- Cell Structure and Function (Bio W204)
- Principles of Ecology (Bio 0227)
- Elective in Biology numbered above 0204

Fourth Year

- Elective in Biology numbered above 0204
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** Up to 2 Biology electives can be replaced by: Anthro 0164; Chem 0231, 0232; EE 0154; EET 0104; Math 0127; Physics 0161, 0221; Stat 0403.

*** *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.S.

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

Core 45 +

For students receiving 45 credits or more in transfer

- English C050 _____
- American Culture _____
- The Arts _____
- Individual and Society _____
- 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 2nd level * _____
- International Studies * _____

B.S.

- 1 International Studies (IS) or
- 2nd level of a language/Exempt^

Core to Core

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

- 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.