

TUteach

BIOLOGY *with* TEACHING

2008-2009

Department of Biology

255 Biology Life Sciences Building

(215) 204-8851

Program Directors: Dr. David Dalton &
Dr. James Byrnes

Master Teacher/Faculty Advisor: Dr. Herbert Green

Content Advisor: Dr. Shepherd Roberts

Academic Advisor: Lisa Mathason

www.temple.edu/biology

CST Credit Requirements:

- A minimum of **124** total credits
- A minimum of **45** Upper Level (UL) within CST/CLA (College of Science & Technology/ College of Liberal Arts)
- A minimum of **90** credits within CST/CLA
- A 3.0 grade point average is required to obtain a Pennsylvania teaching certificate
- The PRAXIS must be successfully completed in order to obtain a teaching certificate

The B.S. with Teaching in Biology is a "TUteach" program. It provides broad training in Biology, and prepares students for a career in secondary school teaching.

Name: _____ **TU ID:** _____ **Degree:** **BS**

Bachelor of Science

Recommended Sequence of Major Courses:

- | | |
|--|--|
| <input type="checkbox"/> Calculus I: Math 1041 _____ | <input type="checkbox"/> Cell Structure and Function: Bio 3096 ^F _____ |
| <input type="checkbox"/> General Chemistry I: Chem 1031 _____ | <input type="checkbox"/> General Physics I: Physics 2021 ^F _____ |
| <input type="checkbox"/> General Chemistry Lab I: Chem 1033 _____ | <input type="checkbox"/> TUteach Perspectives on Science and Math: Philos 3xxx _____ |
| <input type="checkbox"/> TUteach Step 1: CST 1189 _____ | <input type="checkbox"/> Principles of Ecology: Bio 2227 ^S _____ |
| <input type="checkbox"/> Introduction to Biology: Bio 1111 _____ | <input type="checkbox"/> General Physics II: Physics 2022 ^S _____ |
| <input type="checkbox"/> Calculus II: Math 1042 _____ | <input type="checkbox"/> TUteach Research Methods _____ |
| <input type="checkbox"/> General Chemistry II: Chem 1032 _____ | <input type="checkbox"/> TUteach Language & Literacy in Math & Science _____ |
| <input type="checkbox"/> General Chemistry Lab II: Chem 1034 _____ | <input type="checkbox"/> Make an Appointment for a Graduation Review _____ |
| <input type="checkbox"/> TUteach Step 2: CST 1289 _____ | |
| <input type="checkbox"/> Introduction to Biology: Bio 2112 _____ | <input type="checkbox"/> Biology elective numbered above 2000* _____ |
| <input type="checkbox"/> Organic Chemistry I: 2201 _____ | <input type="checkbox"/> Biology elective numbered above 2000* _____ |
| <input type="checkbox"/> Organic Chemistry Lab I: 2203 _____ | <input type="checkbox"/> TUteach Project-Based Instruction: _____ |
| <input type="checkbox"/> TUteach Knowing and Learning: Educ 2179 _____ | Math or Science Ed 4189 _____ |
| <input type="checkbox"/> Genetics: Bio 2296 ^S _____ | <input type="checkbox"/> Biology elective numbered above 2000* _____ |
| <input type="checkbox"/> Organic Chemistry II: 2202 _____ | <input type="checkbox"/> TUteach Apprentice Teaching _____ |
| <input type="checkbox"/> Organic Chemistry Lab II: 2204 _____ | <input type="checkbox"/> TUteach Apprentice Teaching Seminar _____ |
| <input type="checkbox"/> TUteach Classroom Interactions: _____ | |
| Math or Science Ed 2189 _____ | |

Math Placement Results: Math 701 Math 1021 Math 1022 Math 1041

NOTES:

^F = Fall Only ^S = Spring Only

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

*See course descriptions for exceptions to Biology electives at <http://www.temple.edu/bulletin/ugradbulletin/ucd/ucdtoc.html>

**Please refer to the bulletin for other elective options at http://www.temple.edu/bulletin/Academic_programs/

Suggested Courses:

Appt Date: __/__/__ Time: __: __
1810 Liacouras Walk, Suite 203

Revised Date: _____
Advisor Initials: _____

Revised Date: _____
Advisor Initials: _____

Revised Date: _____
Advisor Initials: _____

Revised on June 12, 2008

University Requirements

Appropriate University Curriculum: Gen Ed Freshman Traditional Core Core 45+ Core-to-Core

Gen Ed Curriculum

Freshman or Transfers w/ fewer than 45 credits:

- Analytical Reading and Writing _____
- Mosaic I _____
- Mosaic II _____
- Quantitative Literacy _____
- Arts _____
- Human Behavior _____
- U.S. Society _____
- World Society _____
- Race and Diversity _____
- Science and Technology _____
- Science and Technology _____

Bachelor of Arts (BA) Only

- 2nd level of a Language _____

Note: Gen Ed curriculum applies to all newly admitted freshman in Fall 2008 or after and for all transfer students admitted Fall 2010 and after.

Core Curriculum

For students starting as freshman or transferring fewer than 45 credits.

Traditional Core:

- English 802/812 _____
- American Culture _____
- Arts _____
- Individual and Society _____
- Studies in Race _____
- Foreign Language 2nd level* _____
- Foreign Language 3rd level* _____
- International Studies* _____
- International Studies* _____
- Science and Technology (SA) _____
- Science and Technology (SB/GS) _____
- Quantitative Reasoning (QA/GQ) _____
- Quantitative Reasoning (QB/GQ) _____
- Intellectual Heritage 0851 _____
- Intellectual Heritage 0852 _____
- Writing Intensive Elective _____
- Writing Intensive Elective _____
- Writing Intensive in Major _____

*B.S.

2 International Studies (IS/GG) or
2nd level of a language + 1 IS/GG or
3rd level of a language or Exemption^

*B.A.

2nd level of a language + 2 IS/GG or
3rd level/ Exempt^ + 1 IS/GG

English Placement Results:

English 701/711 English 802/812 Exempt

Foreign Language Placement Results:

_____ 1001 1002 1003 Exempt

All transfer students are required to complete the **Library Skills Test (TILT)** online at www.library.temple.edu.

Please consult with your assigned academic advisor if you have questions about the university curriculum you should be following.

The Undergraduate bulletin is the official source of University core or general education requirements at www.temple.edu/bulletin.

Revised Date: _____
Advisor Initials: _____

Revised Date: _____
Advisor Initials: _____

Revised Date: _____
Advisor Initials: _____

Revised Date: _____
Advisor Initials: _____

Core 45+:

For students receiving 45 or more credits in transfer.

- English 802/812 _____
- American Culture _____
- Arts _____
- Individual and Society _____
- Studies in Race _____
- Science and Technology (SA or SB) _____
- Quantitative Reasoning (QA or QB) _____
- Intellectual Heritage 0851 or 0852 _____
- Writing Intensive Elective (Must be taken at Temple) _____
- Writing Intensive in Major (Must be taken at Temple) _____
- Foreign Language 2nd level** _____
- Foreign Language 3rd level** _____
- International Studies** _____
- International Studies** _____

} 2 of the 3

**B.S.

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

**B.A.

2nd level of a language + 2 IS/GG or
3rd level/ Exempt^ + 1 IS/GG

For students who have completed an approved Associate's

Core-to-Core: degree from a college that has an established transfer agreement.

- Writing Intensive Elective (Must be taken at Temple) _____
- Writing Intensive in Major (Must be taken at Temple) _____

B.A.—Must follow the traditional core foreign language/IS/GG requirements