

**TUteach**

# GENERAL SCIENCE

## with TEACHING 2009-2010

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

**Program Director:** Dr. David Dalton &  
Dr. James Byrnes

**Master Teacher/Faculty Advisor:** Dr. Herbert Green

**Content Advisor:** Dr. Sue Varnum

**Academic Advisor:** Lisa Mathason  
www.temple.edu/cst

### 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 General Science is a "TUteach" program. It provides broad training in General Science, 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"/> Introduction to General Physics I: Physics 1021 <sup>F</sup> _____  |
| <input type="checkbox"/> General Chemistry I: Chem 1031 _____          | <input type="checkbox"/> TUteach Persp on Science & Math: Phil 3XXX _____                    |
| <input type="checkbox"/> General Chemistry Lab I: Chem 1033 _____      | <input type="checkbox"/> Science Elective* _____   |
| <input type="checkbox"/> TUteach Step 1: CST 1189 _____                | <input type="checkbox"/> Introduction to Astronomy: Physics 0846 _____                       |
| <input type="checkbox"/> Calculus II: Math 1042 _____                  | <input type="checkbox"/> Introduction to General Physics II: Physics 1022 <sup>S</sup> _____ |
| <input type="checkbox"/> General Chemistry II: Chem 1032 _____         | <input type="checkbox"/> TUteach Research Methods _____                                      |
| <input type="checkbox"/> General Chemistry Lab II: Chem 1034 _____     | <input type="checkbox"/> TUteach Lang & Literacy in Math & Science _____                     |
| <input type="checkbox"/> TUteach Step 2: CST 1289 _____                | <input type="checkbox"/> Make an Appointment for a Graduation Review _____                   |
| <br>   |  |
| <input type="checkbox"/> General Biology: Biology 1011 _____           | <input type="checkbox"/> Science Elective* _____   |
| <input type="checkbox"/> Introductory Geology: Geology 1001 _____      | <input type="checkbox"/> Science Elective* _____   |
| <input type="checkbox"/> TUteach Knowing and Learning: Educ 2179 _____ | <input type="checkbox"/> TUteach Project-Based Instruction: _____                            |
| <input type="checkbox"/> General Biology: Biology 1012 _____           | Math or Sci Ed 4189 _____  |
| <input type="checkbox"/> Program Design & Abstraction: CIS 1068 _____  | <input type="checkbox"/> Paradigms of Knowledge: CST 4351 _____                              |
| <input type="checkbox"/> Science Elective* _____                       | <input type="checkbox"/> TUteach Apprentice Teaching _____                                   |
| <input type="checkbox"/> TUteach Classroom Interactions: _____         | <input type="checkbox"/> TUteach Apprentice Teaching Seminar _____                           |
| Math or Sci Ed 2189 _____  |  |

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

#### NOTES:

<sup>F</sup> = Fall Only <sup>S</sup> = Spring Only

Students must check the pre- and co-requisites for all courses before registering. They can be checked at <http://www.temple.edu/bulletin/ugradbulletin/ucd/ucdto.html>

\*Please refer to the bulletin for elective options at <http://www.temple.edu/bulletin/>

#### Suggested Courses:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Appt Date: \_\_/\_\_/\_\_ Time: \_\_: \_\_  
1810 Liacouras Walk, Suite 203

Revised Date: \_\_\_\_\_  
Advisor Initials: \_\_\_\_\_

Revised Date: \_\_\_\_\_  
Advisor Initials: \_\_\_\_\_

Revised Date: \_\_\_\_\_  
Advisor Initials: \_\_\_\_\_

# 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

- 2<sup>nd</sup> 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 2<sup>nd</sup> level\* \_\_\_\_\_
- Foreign Language 3<sup>rd</sup> 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  
2<sup>nd</sup> level of a language + 1 IS/GG or  
3<sup>rd</sup> level of a language or Exemption^

\* **B.A.**

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

### English Placement Results:

English 701/711 English 802/812 Exempt

### Foreign Language Placement Results:

\_\_\_\_\_ 1001 1002 1003 Exempt

### 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 2<sup>nd</sup> level\*\* \_\_\_\_\_
- Foreign Language 3<sup>rd</sup> level\*\* \_\_\_\_\_
- International Studies\*\* \_\_\_\_\_
- International Studies\*\* \_\_\_\_\_

} 2 of the 3

\*\* **B.S.**

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

\*\* **B.A.**

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

All transfer students are required to complete the **Library Skills Test (TILT)** online at [www.library.temple.edu](http://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](http://www.temple.edu/bulletin).

Revised Date: \_\_\_\_\_  
Advisor Initials: \_\_\_\_\_

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Advisor Initials: \_\_\_\_\_

Revised Date: \_\_\_\_\_  
Advisor Initials: \_\_\_\_\_

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