**TUteach Mathematics with Teaching** 2013-2014

**Department of Mathematics**  
632 Wachman Hall  215-204-7639  
**Content Advisor:** Dr. Boris Datskovsky  
**Program Director:** Dr. Doug Baird  
**Master Teacher/Faculty Advisor:** Ms. Kathleen McKinley  
**Academic Advisor:** Lisa Mathason  
www.temple.edu/mathematics

**CST Credit Requirements:**  
- 124 minimum total credits  
- 90 minimum CST/CLA credits  
- 45 minimum upper-level (2000+) CST/CLA credits  

**Backtracking rule:** Credit for courses 2 or more levels below previously completed coursework cannot be used towards the degree.

Admission to candidacy is required to complete this degree. This includes, but is not limited to, a 3.0 minimum GPA and a passing score in the PRAXIS 1/PAPA Teacher Certification Exam.

**The B.S. with Teaching in Mathematics provides broad training in Mathematics, and prepares students for a career in secondary school teaching.**  
**Please note:** PA Certification requires passing scores in the PRAXIS 1/PAPA and PRAXIS II Teacher Certification Exams.

<table>
<thead>
<tr>
<th>Name:</th>
<th>TUID:</th>
</tr>
</thead>
</table>

**Recommended Sequence of Major Courses for Bachelor of Science:**

- □ Calculus I: Math 1041 _____  
- □ TUteach Step 1: CST 1189 _____  
- □ Programming Course: CIS 1053, 1057, or 1068 _____  
- □ Calculus II: Math 1042 _____  
- □ Elementary Classical Physics I: Physics 1061 _____  
- □ TUteach Step 2: CST 1289 _____  
- □ Schedule PAPA Exam  
- □ Calculus III: Math 2043 _____  
- □ Linear Algebra: Math 2101 _____  
- □ Elementary Classical Physics II: Physics 1062 _____  
- □ TUteach Knowing and Learning: Ed 2179 _____  
- □ TUteach Special Ed 2231 _____  
- □ Theory of Numbers: Math 3003 _____  
- □ Math 2111 (prev. 2196) or Math Elect: Math 3000+_____  
- □ Functions & Modeling: Math 2021S _____  
- □ TUteach Classrm Interact: Math or Sci Ed 2189S _____  
- □ Make an Appointment for Candidacy Review  
- □ Real & Complex Analysis I: Math 3137F _____  
- □ TUteach Persp. On Science & Math: Phil 2196F _____  
- □ TUteach Differentiated Literacy Instruction in the Disciplines, 7-12: Secondary Ed 3796 _____  
- □ Intro to Probability Theory: Math 3031 _____  
- □ Real & Complex Analysis II: Math 3138S _____  
- □ Intro to Modern Algebra: Math 3096S _____  
- □ TUteach Research Methods: Phys 3091S _____  
- □ Make an Appointment for a Graduation Review  
- □ Modern Geometry I: Math 3061F _________  
- □ Math Elective: Math 3000+ _____  
- □ TUteach PBI: Math or Science Ed 4189F _________  
- □ Senior Problem Solving Seminar: Math 4096S _________  
- □ TUteach Apprentice Teaching: Ed 4388 _________  
- □ TUteach Apprentice Teaching Sem: Ed 4802 _________

**Placement:** Math: | English: | FL: | Notes: |
|---|---|---|---|

**Suggested Courses:**

- ____________________________
- ____________________________
- ____________________________
- ____________________________

**Notes:**  
F= Fall Only  S=Spring Only

Please check all pre- and co-requisites for courses before registering.  
*Please refer to the online bulletin for elective course options.  
The Undergraduate Bulletin is the official source for major requirements: www.temple.edu/bulletin.
# University Requirements 2013-2014

## Appropriate University Curriculum:
- Gen Ed Traditional
- Gen Ed 45+
- Gen Ed-to-Gen Ed

### Gen Ed Curriculum

#### Gen Ed Traditional:
- □ Analytical Reading & Writing: Eng 0802
- □ Mosaic I: Intel Heritage 0851
- □ Mosaic II: Intel Heritage 0852
- □ US Society
- □ Human Behavior
- □ Arts
- □ Diversity and Race
- □ Global/World Society
- □ Quantitative Literacy **
- □ Science and Technology **
- □ Science and Technology **
- ** may be waived based on major courses

#### Bachelor of Arts (BA) Only
- □ 2nd level of a Language

#### Gen Ed-to-Gen Ed:
- Transfer students with a pre-approved Associate’s degree from an institution that has an established transfer agreement with Temple have satisfied their GenEd requirements, with the following exception for BA students:

#### Bachelor of Arts (BA) Only
- □ 2nd level of a Language

### Gen Ed online:
- www.temple.edu/gened
- www.temple.edu/vpus/transfer/TransferGenEd.htm

### University Core:
Students who were admitted as freshmen prior to fall 2008, or were admitted as transfers prior to fall 2010, follow the University Core curriculum instead of the Gen Ed curriculum.

### Undergraduate Bulletin:
The Undergraduate Bulletin is the official reference for University Requirements at:
- www.temple.edu/bulletin

### Note:
No more than two courses from the same department may be used to satisfy GenEd requirements. GenEd courses may not be used to satisfy major requirements.

<table>
<thead>
<tr>
<th>Date:</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advisor:</td>
<td>Advisor:</td>
</tr>
<tr>
<td>Student:</td>
<td>Student:</td>
</tr>
</tbody>
</table>

**Note:** Students must complete at least 2 Writing-Intensive (WI) courses within the major, to be taken at Temple. These must be specific courses or course combinations within the major, or electives required for the major. These courses must be taken at Temple University. Writing-Intensive courses are numbered XX96, XX97, or XX98.