TUteach
Mathematics with Teaching  2016-2017

Department of Mathematics
632 Wachman Hall  215-204-7639

Content Advisors:
Dr. Boris Datkovsky & Dr. Maria Lorenz

Program Director:
Dr. Susan Varnum

Master Teacher/Faculty Advisor:
Ms. Kathleen McKinley

Academic Advisor: Kenneth Ruff
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.

Name: ____________________________  TUID: ____________________________

Recommended Sequence of Major Courses for Bachelor of Science:

- □ Calculus I: Math 1038* or 1041 or 1941H
- □ TUteach Step 1 & 2: SCTC 1389
- □ Programming Course: CIS 1053, 1057, or 1068 or 1968H
- □ Calculus II: Math 1042 or 1942H
- □ Elementary Classical Physics I: Phys 1061 or 1961H
- □ TUteach Knowing and Learning: Ed 2179
- □ Schedule PAPA Exam
- □ Calculus III: Math 2043 or 2943H
- □ Linear Algebra: Math 2101 or 2103F
- □ Elementary Classical Physics II: Phys 1062 or 1962H
- □ TUteach Special Ed 2231
- □ Basic Concepts of Math: Math 2111
- □ Intro to Probability Theory: Math 3031
- □ Functions & Modeling: Math 2021S
- □ Make an Appointment for Candidacy Review
- □ Theory of Numbers: Math 3003
- □ Real & Complex Analysis I: Math 3137F
- □ TUteach Persp. On Science & Math: Phil 2196
- □ TUteach Differentiated Literacy Instruction in the Disciplines, 7-12: Secondary Ed 3796
- □ Real & Complex Analysis II: Math 3138S
- □ Intro to Modern Algebra: Math 3096
- □ TUteach Research Methods: Bio/Chem/EES/Phys 3091S
- □ TUteach Classrm Interact: MAES 2189S
- □ TUteach Apprentice Teaching: Ed 4388
- □ TUteach Apprentice Teaching Sem: Ed 4802

Placement: Math: English: FL:
Notes: F= Fall Only  S= Spring Only  H= Honors Students Only
Please check all pre- and co-requisites before registering.

* Students who choose Math 1038 must also take the corresponding section of the linked course Math 1039

The Undergraduate Bulletin is the official source for major requirements: http://bulletin.temple.edu

Suggested Courses: ____________________________  Notes: ____________________________

Office Use Only: CR Path_________________
### University Requirements 2016-2017

<table>
<thead>
<tr>
<th>Appropriate University Curriculum:</th>
<th>Gen Ed Traditional</th>
<th>Gen Ed 45+</th>
<th>Gen Ed-to-Gen Ed</th>
</tr>
</thead>
</table>

#### Gen Ed Curriculum

**Gen Ed Traditional:**
- □ Analytical Reading & Writing: Eng 0802
- □ Mosaic I: Intel Heritage (IH) 0851
- □ Mosaic II: Intel Heritage (IH) 0852
- □ US Society (GU)
- □ Human Behavior (GB)*
- □ Arts (GA)
- □ Diversity and Race (GD)
- □ Global/World Society (GG)
- □ Quantitative Literacy (GQ)*
- □ Science and Technology (GS)*

* Students who complete TTeach majors typically receive a waiver for 1 GB, 2 GS, and 1 GQ 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](http://www.temple.edu/gened)
- [www.temple.edu/vpus/transfer/TransferGenEd.htm](http://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: [http://bulletin.temple.edu](http://bulletin.temple.edu)

**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>
<tr>
<td>Date:</td>
<td>Date:</td>
</tr>
<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.