



**TUteach**

# Mathematics with Teaching

2011-2012

## Department of Mathematics

632 Wachman Hall 215-204-7639

### Program Directors:

Dr. Tom Walker & Dr. Doug Baird

### Master Teacher/Faculty Advisor:

Dr. Herbert Green

### Content Advisor:

Dr. Boris Datskovsky

### 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 completion of the Praxis I 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 the Praxis I and II exams.

Name:

TUID:

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

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|---|--|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Calculus I: Math 1041 _____</li> <li><input type="checkbox"/> TUteach Step 1: CST 1189 _____</li> <li><input type="checkbox"/> Programming Course: CIS 1053, 1057, or 1068 _____</li> <li><input type="checkbox"/> Calculus II: Math 1042 _____</li> <li><input type="checkbox"/> Elementary Classical Physics I: Physics 1061 _____</li> <li><input type="checkbox"/> TUteach Step 2: CST 1289 _____</li> <br/> <li><input type="checkbox"/> Schedule Praxis I Exam</li> <li><input type="checkbox"/> Calculus III: Math 2043 _____</li> <li><input type="checkbox"/> Elementary Classical Physics II: Physics 1062 _____</li> <li><input type="checkbox"/> TUteach Knowing and Learning: Ed 2179 _____</li> <li><input type="checkbox"/> Linear Algebra: Math 2101 _____</li> <li><input type="checkbox"/> Theory of Numbers: Math 3003 _____</li> <li><input type="checkbox"/> Math 2196 or Math Elective: Math 3000+ _____</li> <li><input type="checkbox"/> TUteach Classroom Interactions:<br/>Math or Science Ed 2189<sup>s</sup> _____</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> Make an Appointment for Candidacy Review</li> <li><input type="checkbox"/> Intro to Modern Algebra: Math 3096<sup>s</sup> _____</li> <li><input type="checkbox"/> Real &amp; Complex Analysis I: Math 3137<sup>F</sup> _____</li> <li><input type="checkbox"/> Functions &amp; Modeling: Math 2021 _____</li> <li><input type="checkbox"/> TUteach Persp. On Science &amp; Math: Phil 2196<sup>F</sup> _____</li> <li><input type="checkbox"/> Intro to Probability Theory: Math 3031 _____</li> <li><input type="checkbox"/> Math Elective: Math 3000+ _____</li> <li><input type="checkbox"/> Real &amp; Complex Analysis II: Math 3138<sup>s</sup> _____</li> <li><input type="checkbox"/> Research Methods: Phys 3091<sup>s</sup> _____</li> <li><input type="checkbox"/> Differentiated Literacy Instruction in the<br/>Disciplines, 7-12: Secondary Ed 3796 _____</li> <li><input type="checkbox"/> Make an Appointment for a Graduation Review</li> <br/> <li><input type="checkbox"/> Modern Geometry I: Math 3061<sup>F</sup> _____</li> <li><input type="checkbox"/> TUteach Project-Based Instruction:<br/>Math or Science Ed 4189<sup>F</sup> _____</li> <li><input type="checkbox"/> Senior Problem Solving Seminar: Math 4096<sup>s</sup> _____</li> <li><input type="checkbox"/> TUteach Apprentice Teaching: Ed 4388<sup>s</sup> _____</li> <li><input type="checkbox"/> TUteach Apprentice Teaching Sem: Ed 4802<sup>s</sup> _____</li> </ul> |
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Placement: Math:

English:

FL:

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.

Notes:

## Suggested Courses:

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

Revised Date: \_\_\_\_\_  
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