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

Name: ____________________________________________________________________________

TU ID: ___________________________ Degree: BS

Bachelor of Science
Recommended Sequence of Major Courses:

- Calculus I: Math 1041
- TUteach Step 1: CST 1189
- Program Design & Abstraction: CIS 1068
- Calculus II: Math 1042
- Elementary Classical Physics I: Physics 1061
- TUteach Step 2: CST 1289
- Data Structures: CIS 2168

- Calculus III: Math 2043
- Elementary Classical Physics II: Physics 1062
- TUteach Knowing and Learning: Ed 2179
- Linear Algebra: Math 2101
- Math Concepts in Computing: CIS 1166
- Comp Sys & Low-Level Prog: CIS 2107
- TUteach Classroom Interactions: Math or Sci Ed 2189

- Functions & Modeling: Math 2021
- Real & Complex Analysis I: Math 3137^F
- Theory of Numbers: Math 3003^F
- TUteach Persp. on Sci & Math: Phil 2196
- Date Structures & Algorithms: CIS 3223
- Real & Complex Analysis II: Math 3138^S
- Intro to Modern Algebra: Math 3096^S
- Research Methods: Bio/Chem/EES/Phys 3091^S
- Reading Problems in the Secondary School: Secondary Ed 3796
- Make an Appoint. for a Graduation Review

- Intro Sys Programming & OS: CIS 3207
- Modern Geometry I: Math 3061^F
- TUteach Project-Based Instruction: Math or Sci Ed 4189^F
- Independent Research in CS: CIS 4397
- OR Math Elective: Math 3000+*
- OR Senior Problem Solving Sem.: Math 4096^S
- TUteach Apprentice Teaching: Ed 4388
- TUteach Apprentice Teaching Sem: Ed 4802

Math Placement Results: Math 701 Math 0702 Math 1021 Math 1022 Math 1041

Suggested Courses:

NOTES:

^F = Fall Only  ^S = Spring Only

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

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

The Undergraduate bulletin is the official source of major requirements at www.temple.edu/bulletin

Revised Date: ____
Advisor Initials: ____

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