

# Granite State College

## POST-BACCALAUREATE: SECONDARY MATH FOR GRADES 7-12

Granite State College offers a Post-Baccalaureate Program for candidates interested in pursuing teacher certification. The Post-Baccalaureate Teacher Certification program is designed for 21st Century Educators, providing an in-depth focus on the critical issues that are transforming the landscape of education—innovation, critical thinking, problem solving and collaboration.

Students will

- Be reflective and knowledgeable about learners and are able to employ instructional methods, strategies and technologies to meet the needs of all students;
- Have a rich understanding of the subject/s that they teach;
- Employ best practices in the planning, delivery and assessment of instruction to improve learning achievement of Pre-K-12 students.

**NOTE:** Please see the *Teacher Education Resource page* ([my.granite.edu/teacher-education-resources](http://my.granite.edu/teacher-education-resources)) and/or the *SOE student handbooks* for all testing requirements and information.

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A Minimum GPA of 3.0 is Required

### MAJOR REQUIREMENTS: SECONDARY MATH FOR GRADES 7-12

A minimum grade of C is required in all Major coursework.

Praxis Core Academic Skills for Educators Exam Required	Passing Praxis Core Exam scores must be submitted prior to EDU 700
Praxis II Required	Praxis II scores indicating an attempt must be submitted before taking EDU 750A
Introduction to Field Experience and Program Requirements	EDU 700
Managing Student Behavior	EDU 707*
Secondary School Mathematics Methods	EDU 734*
Aspects of Mathematics Learning	EDU 752*
Reading/Writing in the Math Content Area	EDU 753*
Logic and Proof	MATH 700
Number Systems	MATH 701
Geometric Structures	MATH 702*
Statistics and Probability	MATH 703
Linear & Abstract Algebra	MATH 704*
Discrete Mathematics	MATH 705*
Calculus I	MATH 706
Calculus II	MATH 707*
History of Math	MATH 708
Culminating Teaching Experience & Seminar	EDU 750A (Should be taken as the last course)

\* Associated Prerequisite