

Granite State College

POST-BACCALAUREATE SECONDARY MATH FOR GRADES 7-12 *for Already Certified Teachers*

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) and/or the *SOE student handbooks* for all testing requirements and information.

| POST-BACCALAUREATE SECONDARY MATH FOR GRADES 7-12 | |
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| A Minimum GPA of 3.0 is Required | |
| MAJOR REQUIREMENTS: SECONDARY MATH FOR GRADES 7-12 FOR ALREADY CERTIFIED TEACHERS | |
| 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