MATHEMATICS, UPPER LEVEL (INITIAL TEACHER LICENSURE)

https://cps.unh.edu/online/academics/post-baccalaureate-teacher-licensure

Description

This Post-Baccalaureate Program is for candidates interested in pursuing teacher licensure. The Post-Baccalaureate Teacher Licensure 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.

Requirements

Minimum GPA requirement of 3.0

Code	Title	Credits
Required Courses [1]		
Introductory Level Education Courses		
EDC 800	Introduction to Clinical Experience	1
EDC 817	Positive Behavior Guidance and Student Engagement	4
EDC 831	Aspects of Mathematics Learning	4
MTH 801	Probability and Statistics	4
Intermediate Level Education Courses		
MTH 802	Mathematical Proof for Educators	4
MTH 803	Number Systems	4
MTH 804	Geometric Structures for Teachers	4
MTH 805	Calculus I	4
MTH 806	History of Mathematics	4
EDC 832	Reading and Writing in the Mathematics Content Area	4
Advanced Level Education Courses		
MTH 809	Topics in Linear and Abstract Algebra	4
MTH 808	Discrete Mathematics	4
MTH 807	Calculus II	4
EDC 834	Upper Level Mathematics Methods	4
EDC 885	Culminating Teaching Experience and Seminar	4
Total Credits		**57**

[1] A minimum grade of B- is required in all Major coursework.

State licensure Requirements

The following requirements must be completed in order to be recommended to the state for teacher licensure.

- **Basic Academic Skills Assessment (BASA): Pearson Essential Academic Skills or Praxis Core Academic Skills For Educators Exam** required. Passing BASA Exam scores or current NH teaching licensure must be submitted prior to completion of EDC 800 Introduction to Clinical Experience to continue with clinical courses.
- **Licensure Exam-Pearson Mathematics (Secondary) Exam** required. Students must attempt to pass the exam prior to taking the Culminating Teaching Experience & Seminar. Passing exam scores are required for state licensure.

Degree Plan

This degree plan is a sample and does not reflect the impact of transfer credit or current course offerings. UNH CPS Online students should develop individual academic plans with their academic advisor during their first semester at UNH.

Sample Course Sequence

First Year		
Fall		**Credits**
MTH 801	Probability and Statistics Nonclinical	4
MTH 802	Mathematical Proof for Educators Nonclinical	4
MTH 803	Number Systems	4
MTH 804	Geometric Structures for Teachers	4
	Credits	**16**
Spring		
EDC 800	Introduction to Clinical Experience	1
MTH 805	Calculus I	4
EDC 817	Positive Behavior Guidance and Student Engagement Clinical A	4
	Credits	**9**
Summer		
MTH 806	History of Mathematics	4
MTH 808	Discrete Mathematics	4
	Credits	**8**
Second Year		
Fall		
EDC 831	Aspects of Mathematics Learning	4
MTH 807	Calculus II	4
EDC 832	Reading and Writing in the Mathematics Content Area Clinical A	4
MTH 809	Topics in Linear and Abstract Algebra	4
	Credits	**16**
Spring		
EDC 834	Upper Level Mathematics Methods	4
EDC 885	Culminating Teaching Experience and Seminar Clinical A	4
	Credits	**8**
	Total Credits	**57**

Note: Only 1 Clinical A course allowed per term

Student Learning Outcomes

Program Learning Outcomes

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.

Disclosures

Mathematics Upper Level (Teacher Licensure)

Location/Delivery: College of Professional Studies [Online Program]

This program is designed to prepare graduates for professional licensure/certification as follows:

Teacher Licensure

Mathematics Upper Level

*The University of New Hampshire has determined this program **meets** the educational requirements for licensure/certification in:*[1]
Maine, Massachusetts, New Hampshire, Vermont

Additional information and related resources are available on the Office of the Registrar's website.

[1] State specific post-education requirements are subject to change. Students are responsible for confirming these requirements in their state of residence and intended practice.