MATHEMATICS, MIDDLE LEVEL (TEACHER CERTIFICATION)

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

Description

This Post-Baccalaureate Program is 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.

Requirements

Minimum GPA requirement of 3.0

Code	Title	Credits
Major in Post-Bacc Cert Mathematics Middle Level [1]		
Introductory Level Education Courses		
EDC 800	Introduction to Field Experience/Program Requirements	1
EDC 817	Managing Student Behavior	4
EDC 831	Aspects of Mathematics Learning	4
MTH 801	Probability and Statistics	4
Intermediate Level Education Courses		
EDC 832	Reading and Writing in the Mathematics Content Area	4
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
Advanced Level Education Courses		
MTH 808	Discrete Mathematics	4
MTH 810	Algebra Theory for Teachers	4
EDC 833	Middle School Mathematics Methods	4
EDC 885	Culminating Teaching Experience and Seminar	4
Total Credits		**53**

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

State Certification Requirements

The following requirements must be completed in order to be recommended to the state for Teacher Certification.

- **Praxis Core Academic Skills For Educators Exam** required. Passing Praxis Core Exam scores, NH DOE waiver or current NH teaching certification must be submitted prior to completion of EDC 800 Introduction to Field Experience/Program Requirements (1 s.h.) to continue with clinical courses.
- **Praxis II-Middle School Math Exam** required. Students must attempt to pass Praxis II exam prior to taking the Culminating Teaching Experience & Seminar. Passing exam scores are required for state certification.

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**
EDC 800	Introduction to Field Experience/Program Requirements Nonclinical; Complete CHRC Process	1
MTH 801	Probability and Statistics Nonclinical	4
MTH 802	Mathematical Proof for Educators Nonclinical	4
	Credits	**9**
Spring		
EDC 817	Managing Student Behavior Clinical A	4
EDC 831	Aspects of Mathematics Learning Clinical A	4
MTH 803	Number Systems Nonclinical	4
MTH 804	Geometric Structures for Teachers Nonclinical	4
	Credits	**16**
Second Year		
Fall		
EDC 832	Reading and Writing in the Mathematics Content Area Clinical A	4
EDC 833	Middle School Mathematics Methods Clinical A	4
MTH 805	Calculus I Nonclinical	4
MTH 806	History of Mathematics Nonclinical	4
	Credits	**16**
Spring		
EDC 885	Culminating Teaching Experience and Seminar Clinical A	4
MTH 808	Discrete Mathematics Nonclinical	4
MTH 810	Algebra Theory for Teachers Nonclinical	4
	Credits	**12**
	Total Credits	**53**

Note: Only 1 Clinical A course is allowed per term

Student 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.