



Secondary Academic 7-12 Endorsement in Mathematics

[NAC 391.13043](#)

To receive an endorsement to teach secondary (7-12) mathematics, a person must:

1. Complete the following required testing, if you do not hold a current, valid license from another state in this subject area ([click here for reciprocity information](#)):
 - Praxis Core Academic Skills for Educators
 - Principles of Learning and Teaching 7-12
 - Praxis Content Area Test

Please [visit the Praxis testing website](#) for further testing information.

2. Meet the Secondary Academic requirements

3. **For the comprehensive major:**

Thirty-six (36) semester credits required for a major in mathematics must include:

- A. Nine (9) semester credits in calculus; and
- B. Twenty-seven (27) semester credits to include coursework in each of the following:
 - i. Probability or statistics;
 - ii. Number theory or numerical analysis;
 - iii. Linear algebra;
 - iv. Abstract or modern algebra;
 - v. Finite mathematics or discrete processes; and
- C. If additional credits are required to fulfill the twenty-seven (27) credit requirement identified above, you may choose from any of the following areas:
 - i. History of mathematics;
 - ii. Euclidean geometry;
 - iii. Non-euclidean geometry;
 - iv. Mathematical computer applications, data structures or programming;
 - v. Differential equations;
 - vi. Real number analysis;
 - vii. Multivariate calculus;
 - viii. Numerical analysis; and
 - ix. Logic or methods of mathematical proof.

4. **For the comprehensive minor:**

Twenty-four (24) semester credits required for a minor in mathematics must include:

- A. Six (6) semester credits in calculus courses; and
- B. Eighteen (18) semester credits in the following:
 - i. Probability or statistics;
 - ii. Finite mathematics, discrete mathematics, or number theory;
 - iii. Linear, abstract or modern algebra; and

- C. If additional credits are required to fulfill the eighteen (18) credit requirement identified above, you may choose from any of the following areas:
- i. Multivariate calculus;
 - ii. History of mathematics;
 - iii. Differential equations;
 - iv. Real number analysis;
 - v. Euclidean geometry;
 - vi. Non-Euclidean geometry;
 - vii. Mathematical computer applications, data structures or programming;
 - viii. Numerical analysis; and
 - ix. Logic or methods of mathematical proof.