



## Approved Mathematics Endorsement Courses

Washington state teachers must be certified to teach *and* must hold an endorsement in a teaching subject. To be eligible for an endorsement, applicants must complete college-level coursework--with a 2.0/C grade or higher--in their endorsement subject to demonstrate their knowledge and understanding of various topics in the discipline. Specific endorsement competency areas are outlined by the [State of Washington Professional Educator Standards Board](#).

### **Algebra (2 courses - 1 course must be 200-level or higher)**

STMATH 308 Matrix Algebra

STMATH 402 Abstract Algebra I

STMATH 403 Abstract Algebra II

STMATH 409 Advanced Linear Algebra

STMATH 465 Fostering Algebraic Thinking (offered jointly with B EDUC 465)

Recommended course

### **Calculus Sequence (3 courses)**

STMATH 124 Calculus I

STMATH 125 Calculus II

STMATH 126 Calculus III

STMATH 324 Multivariable Calculus

### **Discrete Mathematics (1 course - 200-level or higher)**

STMATH 381 Discrete Mathematical Modeling

### **History of Mathematics or Foundations of Mathematics (1 course)**

STMATH 300 Foundations of Mathematics

STMATH 420 History of Mathematics

### **Geometry (1 course - 200-level or higher)**

STMATH 444 Foundations of Geometry

STMATH 466 Fostering Geometric Thinking (offered jointly with B EDUC 466)

Recommended course

## **Statistics (2 courses OR 1 course if Calculus-based)**

B BUS 215 Introduction to Business Statistics

BIS 215 Understanding Statistics

BIS 315 Understanding Statistics

B HLTH 215 Statistics for Health Sciences

B MATH 215 Statistics for Health Sciences

STMATH 390 Probability and Statistics in Engineering

STMATH 467 Fostering Statistical Thinking, Data, and Graphical Analysis

## **Calculus-based**

STMATH 341 Introduction to Statistical Inference

STMATH 390 Engineering Probability and Statistics

**Note:** Depending on topic, Special Topics courses may meet endorsement requirements. Please submit [Endorsement Course Syllabus Review](#) Form to have a course considered for an endorsement area.