UW Bothell
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 with a 2.0 grade or higher, a minimum of 45 credits of college-level coursework 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.

* Indicates courses that fulfill Mathematics major requirements

**Algebra (2 courses - 1 course must be 200-level or higher)**
B MATH 122 Precalculus I: Algebraic Functions
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.