

Secondary Special Education Mathematics Endorsement Competencies & Requirements

Purpose

The Special Education Mathematics Endorsement is attached to a Special Education license. Candidates who currently hold a Utah Special Education Educator License and meet all of the requirements of the endorsement will be approved to teach all special education mathematics courses:

- 7th Grade Mathematics Special Education
- 8th Grade Mathematics Special Education
- Secondary Mathematics I Special Education
- Secondary Mathematics II Special Education
- Secondary Mathematics III Special Education
- Math for Personal Finance Special Education
- Math Decision Making for Life Special Education

Endorsement Type Requirements:

- Professional Special Education Mathematics Endorsement:
All requirements met
- Associate Special Education Mathematics Endorsement. I have completed the following requirement(s):
 - Earned a bachelor's or higher degree in the endorsement area
 - Completed at least 1 of the 2 Requirement Areas for the endorsement
 - Successful completion of Mathematics Praxis Exam (5169 or 5161)

Endorsement Requirements

The Special Education Mathematics Endorsement has the following two requirement areas:

Area #1: [Mathematics Content Knowledge](#) (See section C.1)

The requirements for Area #1: Mathematics Content Knowledge can be met through earning a bachelor's degree with a minor in Mathematics or a related field, or earning an Early Adolescent National Board-Certified Teacher in Mathematics award (EA NBCT), or being an awardee or finalist with a Presidential Award for

Excellence in Mathematics and Science Teaching (PAEMST), or completing specific university/college courses.

Area #2: [Pedagogy, Skills, and Dispositions](#)

The requirements for Area #2: Middle School Mathematics Dispositions, Skills, and Pedagogy can be met through earning a bachelor's degree in mathematics education, or earning an Early Adolescent National Board-Certified Teacher in Mathematics award (EA NBCT), or being an awardee or finalist with a Presidential Award for Excellence in Mathematics and Science Teaching (PAEMST), or completing specific Microcredential Stacks, or completing specific university/college courses.

If taking Utah-Based University Courses approved by USBE:

- For individual coursework, applicants must earn a C or higher in each course taken.
- All Mathematics or Mathematics Education degree programs must include 24 semester hours of mathematics coursework and must include Geometry, Algebra, and Statistics/Probability coursework.
- Unless specifically indicated, all courses require a minimum of Calculus I as a prerequisite.
- AP Coursework is accepted.
- If you would like to learn more about a specific mathematics program or approved courses, please visit the following websites for Utah Institutions of Higher Education:
 - [Brigham Young University](#)
 - [Salt Lake Community College](#)
 - [Special Education and Middle School Math Endorsement](#)
 - [Snow College](#)
 - [Southern Utah University](#)
 - [University of Utah](#)
 - [Utah State University](#)
 - [UMEP](#) (Utah Mathematics Endorsement Project at USU)
 - [Utah Tech University](#)
 - [Utah Valley University](#)
 - [Weber State University](#)
 - [Westminster College](#)

Secondary Special Education Mathematics Endorsement Requirement Options

Requirement Area 1:

Special Education Mathematics Content Knowledge

College Major or Minor

University degree minor in Mathematics or related field.

- Must include 24 semester hours of mathematics and include Geometry, Statistics, and Algebra coursework.

Certificate or Experiences

[Early Adolescence National Board Certified Teacher in Mathematics](#) (EA NBCT Math)

[Presidential Award for Excellence in Mathematics and Science Teaching](#) (PAEMST)
Awardee or Finalist

Content Exam

[ETS Praxis](#)

Praxis 5161 with Utah Passing Score 160

OR

Praxis 5165 with Utah Passing Score 152

University Courses

Approved Utah Institutions of Higher Education courses and their corresponding course numbers listed by required course:

College Algebra

*Calculus prerequisite does not apply.

- Brigham Young University - College Algebra - Math 110
- Salt Lake Community College – College Algebra/Pre-Calculus – Math 2030
- Snow College - College Algebra - Math 1050
- Southern Utah University - College Algebra - Math 1050
- University of Utah - College Algebra - Math 1050
- Utah State University - College Algebra - Math 1050 or Math 1051
 - UMEP - Contact the program director.
- Utah Tech University - College Algebra/Pre-Calculus - Math 1050
- Utah Valley University - College Algebra - Math 1050 or Math 1055
- Weber State University - College Algebra - Math 1050
- Westminster College - College Algebra - Math 141

Trigonometry

*Calculus prerequisite does not apply.

- Brigham Young University - Trigonometry - Math 111
- Salt Lake Community College – College Algebra/Pre-Calculus – Math 2030
- Snow College - Trigonometry - Math 1060
- Southern Utah University - Trigonometry - Math 1060
- University of Utah - Trigonometry - Math 1060
- Utah State University - Trigonometry - Math 1060
 - UMEP - Contact the program director.
- Utah Tech University - Trigonometry - Math 1060
- Utah Valley University - Trigonometry - Math 1060
- Weber State University - Trigonometry - Math 1060
- Westminster College - College Algebra - Math 142

Calculus I

- Brigham Young University - Calculus I - Math 112
- Salt Lake Community College – Calculus 1 – Math 2100
- Snow College - Calculus I - Math 1210
- Southern Utah University - Calculus I - Math 1210
- University of Utah - Calculus I - Math 1210
- Utah State University - Calculus I - Math 1210
 - UMEP - Calculus I - Math 4910-A
- Utah Tech University - Calculus I - Math 1210
- Utah Valley University - Calculus I - Math 1210
- Weber State University - Calculus I - Math 1210
- Westminster College - Calculus I - Math 201

Algebra for Secondary Mathematics Teaching

- Brigham Young University - Contact the program director.
- Salt Lake Community College – Algebra for Secondary Mathematics Teaching – Math 2130
- Snow College - Contact the program director.
- Southern Utah University - Math for Secondary Education I - Math 3010
- University of Utah - Algebra for Secondary Mathematics Teaching - Math 3430
- Utah State University - Pedagogical Foundations of Algebra - Math 3010
 - UMEP - Algebra for Secondary Mathematics Teaching - Math 3010
- Utah Tech University - Algebra for Secondary Mathematics Teaching - Math 3010
- Utah Valley University - Algebra for Secondary Mathematics Teaching or Algebra for Middle School Mathematics Teaching - Math 3030 or Math 290R
- Weber State University - Algebra from a Teaching Perspective - Mthe 4110
- Westminster College - Contact the program director.

Geometry for Secondary Mathematics Teaching

- Brigham Young University - Survey of Geometry or Euclidean Geometry: Content, Learning, and Teaching - MthEd 362 or MthEd 562
- Salt Lake Community College – Geometry for Secondary Mathematics Teaching – Math 2110
- Snow College - Contact the program director.
- Southern Utah University - Math for Secondary Education II - Math 3020
- University of Utah - Geometry for Secondary Mathematics Teaching - Math 3420
- Utah State University - Geometry for Secondary Mathematics Teaching or Geometry for Middle School Mathematics Teaching - Math 4030 or Math 290R
 - UMEP - Geometry for Secondary Mathematics Teaching - Math 5010 or Math 3110
- Utah Tech University - Geometry and Statistics for Secondary Mathematics Teaching - Math 3020
- Utah Valley University - Geometry for Secondary Mathematics Teaching or Geometry for Middle School Mathematics Teaching - Math 4030 or Math 290R
- Weber State University - Geometry from a Teaching Perspective - Mthe 2120 or Mthe 3070
- Westminster College - Contact the program director.

Statistics for Secondary Mathematics Teaching

- Brigham Young University - Teaching Statistics and Probability - MthEd 301
- Salt Lake Community College - Statistics and Probability for Secondary Mathematics Teaching – Math 2120
- Snow College - Contact the program director.
- Southern Utah University - Contact the program director.
- University of Utah - Statistics for Secondary Mathematics Teaching - Math 3410
- Utah State University - Statistics and Probability for Secondary Mathematics Teaching - Stat 4010
 - UMEP - Statistics for Secondary Mathematics Teaching - STAT 4010

- Utah Tech University - Contact the program director.
- Utah Valley University - Statistics & Probability for Secondary Mathematics Teaching or Statistics & Probability for Middle School Mathematics Teaching - Math 4040 or Math 290R
- Weber State University - Probability and Statistics from a Teaching Perspective - Mthe 3060
- Westminster College - Contact the program director.

Microcredentials

[Algebra for Secondary Mathematics Teaching](#)

[Geometry for Secondary Mathematics Teaching](#)

[Statistics and Probability for Secondary Mathematics Teaching](#)

Requirement Area 2:

Special Education Mathematics Dispositions, Skills, and Pedagogy

Microcredential

[Special Education Math Course for Secondary Teaching](#)

Special Education Mathematics Course for Secondary Teaching

- Contact USBE Special Education Secondary Mathematics Specialist