

Middle School Mathematics Endorsement

Requirement Options

April 2022

Requirement Area 1: Middle School Mathematics Content Knowledge ([C.1](#))

University Courses

College Algebra		
Institution of Higher Education	Course Code	Course Name
Brigham Young University	Math 110	College Algebra
Utah Tech University	Math 1050	College Algebra/ Pre-Calculus
Snow College	Math 1050	College Algebra
Southern Utah University	Math 1050	College Algebra
UMEP		
University of Utah	Math 1050	College Algebra
Utah State University	Math 1050 or Math 1051	College Algebra
Utah Valley University	Math 1050 or Math 1055	College Algebra or College Algebra with Preliminaries
Westminster College	Math 141	College Algebra
Weber State University	Math 1050	College Algebra

Trigonometry

Institution of Higher Education	Course Code	Course Name
Brigham Young University	Math 111	Trigonometry
Utah Tech University	Math 1060	Trigonometry
Snow College	Math 1060	Trigonometry
Southern Utah University	Math 1060	Trigonometry
UMEP		
University of Utah	Math 1060	Trigonometry
Utah State University	Math 1060	Trigonometry
Utah Valley University	Math 1060	Trigonometry
Westminster College	Math 142	Trigonometry
Weber State University	Math 1060	Trigonometry

Calculus I

Institution of Higher Education	Course Code	Course Name
Brigham Young University	Math 112	Calculus I
Utah Tech University	Math 1210	Calculus I
Snow College	Math 1210	Calculus I
Southern Utah University	Math 1210	Calculus I
UMEP	Math 4910-A	Calculus I
University of Utah	Math 1210	Calculus I
Utah State University	Math 1210	Calculus I
Utah Valley University	Math 1210	Calculus I
Westminster College	Math 201	Calculus I
Weber State University	Math 1210	Calculus I

College Minor

- 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

- [Praxis 5161](#) (Utah Passing Score 160)

Requirement Area 2: Middle School Mathematics Dispositions, Skills, and Pedagogy ([P.1-4](#), [D.1-5](#), [S.1-6](#))**University Courses**

Statistics for Secondary Mathematics Teaching		
Institution of Higher Education	Course Code	Course Name
Brigham Young University	MthEd 301	Teaching Statistics and Probability
Utah Tech University		
Snow College		
Southern Utah University		
UMEP	Stat 4010	Statistics and Probability for Secondary Mathematics Teaching
University of Utah	Math 3410	Statistics for Secondary Math Teaching
Utah State University	Stat 4010	Probability & Statistics for Teachers
Utah Valley University	Math 4040	Statistics & Probability for Secondary Mathematics Teaching
Westminster College		
Weber State University	MTHE 3060	Probability and Statistics from a Teaching Perspective

Geometry for Secondary Mathematics Teaching*

Institution of Higher Education	Course Code	Course Name
Brigham Young University	MathEd 362 or MthEd 562	Survey of Geometry or Euclidean Geometry: Content, Learning, and Teaching
Utah Tech University	Math 3020	Geometry and Statistics for Secondary Mathematics Teaching
Snow College		
Southern Utah University	Math 3020	Math for Secondary Education II
UMEP	Math 5010	Geometry for Secondary Mathematics Teaching
University of Utah	Math 3420	Geometry for Secondary Mathematics Teachers
Utah State University	Math 3110 or Math 5010	Modern Geometry
Utah Valley University	Math 4030	Geometry for Secondary Mathematics Teaching
Westminster College		
Weber State University	MTHE 2120	Geometry from a Teaching Perspective

Algebra for Secondary Mathematics Teaching

Institution of Higher Education	Course Code	Course Name
Brigham Young University		
Utah Tech University	Math 3010	Algebra for Secondary Mathematics Teaching
Snow College		
Southern Utah University	Math 3010	Math for Secondary Education I
UMEP	Math 3010	Algebra for Secondary Mathematics Teaching
University of Utah	Math 3430	Algebra for Secondary Mathematics Teachers
Utah State University	Math 3010	Pedagogical Foundations of Algebra
Utah Valley University	Math 3030	Algebra for Secondary Mathematics Teaching
Westminster College		
Weber State University	MTHE 4110	Algebra from a Teaching Perspective

Methods of Teaching Secondary Mathematics

Institution of Higher Education	Course Code	Course Name
Brigham Young University	MathEd 377 & MathEd 378	Mathematics Teaching in the Public Schools AND Practicum in Mathematics Education
Utah Tech University	Math 4500	Methods Teach Secondary Math
Snow College		
Southern Utah University	Math 4900	Methods of Teaching Secondary Mathematics
UMEP	Math 4500	Methods of Teaching Secondary Mathematics
University of Utah	Math 4090	Teaching of Secondary School Mathematics
Utah State University	TEAL 4630 or 6630 or Math 4500 or Math 6500	Methods for Teaching Middle Level Mathematics or Methods for Teaching Middle Level Mathematics
Utah Valley University	Math 3010	Methods of Secondary School Mathematics Teaching
Westminster College	EDUC 387	Methods of Teaching Secondary School Math
Weber State University	MTHE 3010	Methods and Technology for Teaching Secondary Mathematics

College Major or Minor

- Degree in *Mathematics Education*

Microcredentials

- [Secondary Mathematics Methods](#)
- [Algebra for Secondary Mathematics Teaching](#)
- [Statistics and Probability for Secondary Mathematics Teaching](#)
- [Geometry for Secondary Mathematics Teaching](#)

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