

Middle School Mathematics Endorsement
Requirement Options
April 2021

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

University Courses

- [Middle School Mathematics Endorsement Course List](#)

College Algebra

Institution of Higher Education	Course Code	Course Name
Brigham Young University	Math 110	College Algebra
Dixie State 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
Dixie State 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 1
Dixie State 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

Probability & Statistics OR Statistics for Secondary Mathematics Teaching*

Institution of Higher Education	Course Code	Course Name
Brigham Young University	Stat 121 or MthEd 301	Principles of Statistics or Teaching Statistics and Probability
Dixie State University	Math 1040 or Math 3400	Introduction to Statistics or Probability & Statistics
Snow College	Math 1040 or Math 2040 or Math 3040	Introduction to Statistics or Applied Statistics or Statistics for Scientists and Engineers
Southern Utah University	Math 1040	Statistical Inference
UMEP	Stat 3000	Probability and Statistics
University of Utah	Math 1040 or Math 3410	Statistics or Statistics for Secondary Math Teaching
Utah State University	Stat 1040 or Stat 3000 or Stat 4010	Introduction to Statistics or Statistics for Scientists or Probability & Statistics for Teachers

Utah Valley University	Stat 1040 or Math 4040	Introduction to Statistics or Statistics & Probability for Secondary Mathematics Teaching
Westminster College		
Weber State University	Math 3410 or MTHE 3060	Probability and Statistics I or Probability and Statistics from a Teaching Perspective

Euclidean/Non-Euclidean Geometry OR 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
Dixie State University	Math 3100 or Math 3020	Euclidean/Non-Euclidean Geometry or Geometry and Statistics for Secondary Mathematics Teaching
Snow College		
Southern Utah University	Math 3130 or Math 3020	Modern Geometries or Math for Secondary Education II
UMEP	Math 3110	Euclidean/Non-Euclidean Geometry
University of Utah	Math 3100 or Math 3420	Foundations of Geometry or 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	Math 314 or ?	Foundations of Geometry or ?
Weber State University	Math 3120 or MTHE 2120 or MTHE 3070	Foundations of Euclidean & Non-Euclidean Geometry or Geometry from a Teaching Perspective or Geometry for Elementary Teachers

Algebra for Secondary Mathematics Teaching*

Institution of Higher Education	Course Code	Course Name
Brigham Young University	?	?
Dixie State 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 or Math 4400	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

College Major or Minor

- Major/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

- [Middle School Mathematics Endorsement Course List](#)

Probability & Statistics OR Statistics for Secondary Mathematics Teaching

Institution of Higher Education	Course Code	Course Name
Brigham Young University	Stat 121 or MthEd 301	Principles of Statistics or Teaching Statistics and Probability
Dixie State University	Math 1040 or Math 3400	Introduction to Statistics or Probability & Statistics
Snow College	Math 1040 or Math 2040 or Math 3040	Introduction to Statistics or Applied Statistics or Statistics for Scientists and Engineers
Southern Utah University	Math 1040	Statistical Inference
UMEP	Stat 4010	Statistics and Probability for for Secondary Mathematics Teaching

University of Utah	Math 1040 or Math 3410	Statistics or Statistics for Secondary Math Teaching
Utah State University	Stat 1040 or Stat 3000 or Stat 4010	Introduction to Statistics or Statistics for Scientists or Probability & Statistics for Teachers
Utah Valley University	Math 4040	Statistics & Probability for Secondary Mathematics Teaching
Westminster College	?	?
Weber State University	Math 3410 or MTHE 3060	Probability and Statistics I or Probability and Statistics from a Teaching Perspective

Euclidean/Non-Euclidean Geometry OR 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
Dixie State University	Math 3100 or Math 3020	Euclidean/Non-Euclidean Geometry or Geometry and Statistics for Secondary Mathematics Teaching
Snow College		
Southern Utah University	Math 3130 or Math 3020	Modern Geometries or Math for Secondary Education II
UMEP	Math 5010	Geometry for Secondary Mathematics Teaching

University of Utah	Math 3100 or Math 3420	Foundations of Geometry or Geometry for Secondary Mathematics Teachers
Utah State University	Math 3110 or Math 5010	Modern Geometry
Utah Valley University	Math 3100 or Math 4030	Foundations of Geometry or Geometry for Secondary Mathematics Teaching
Westminster College	Math 314 or ?	Foundations of Geometry or ?
Weber State University	Math 3120 or MTHE 2120 or MTHE 3070	Foundations of Euclidean & Non-Euclidean Geometry or Geometry from a Teaching Perspective or Geometry for Elementary Teachers

Algebra for Secondary Mathematics Teaching*

Institution of Higher Education	Course Code	Course Name
Brigham Young University	?	?
Dixie State 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 Educaiton
Dixie State 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
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College Major or Minor

- Major 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