

COURSE LIST FOR UTAH INSTITUTIONS: MATHEMATICS LEVEL 4 ENDORSEMENT

An asterisk (*) next to a course name indicates the specific course is currently under development.

BYU Courses	Course #
Calculus I	Math 112
Calculus II	Math 113
Multivariable Calculus	Math 314
Probability and Statistics (Calculus Pre-requisite, Introductory level not acceptable)	Stat 121 AND MathEd 301 count for the probability and statistics requirement
Linear Algebra	Math 313
Foundations of Algebra or Algebraic Structures	Math 371 or 290
Euclidian/Non-Euclidian Geometry or Foundations of Geometry	Math 362 or MathEd 362
Differential Equations or Applied Mathematics/Modeling (AM/M)	Math 334 or AM/M *
Introduction to Analysis or Advanced Calculus	Math 341
Algebra for Secondary Mathematics Teaching	MthEd 277
Geometry for Secondary Mathematics Teaching	MthEd 278
Statistics and Probability for Secondary Mathematics Teaching	MthEd 301
Methods of Teaching Secondary Mathematics	MathEd 377 & MathEd 378

DSU Courses	Course #
Calculus I	Math 1210
Calculus II	Math 1220
Multivariable Calculus	Math 2210
Probability and Statistics (Calculus Pre-requisite Introductory level not acceptable)	Math 3400
Linear Algebra	Math 2270
Foundations of Algebra or Algebraic Structures	Math 4000
Euclidian/Non-Euclidian Geometry or Foundations of Geometry	Math 3100
Differential Equations or Applied Mathematics/Modeling (AM/M)	Math 2280 or AM/M *
Introduction to Analysis or Advanced Calculus	Math 3200
Algebra for Secondary Mathematics Teaching	Math 3010
Geometry for Secondary Mathematics Teaching	Math 3020
Statistics and Probability for Secondary Mathematics Teaching	Math 3000
Methods of Teaching Secondary Mathematics	Math 4500

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Snow Courses	Course #
Calculus I	Math 1210
Calculus II	Math 1220
Multivariable Calculus	Math 2210
Probability and Statistics (Calculus Pre-requisite Introductory level not acceptable)	Math 3400
Linear Algebra	Math 2270
Foundations of Algebra or Algebraic Structures	
Euclidian/Non-Euclidian Geometry or Foundations of Geometry	
Differential Equations or Applied Mathematics/Modeling (AM/M)	Math 2280 or AM/M *
Introduction to Analysis or Advanced Calculus	
Algebra for Secondary Mathematics Teaching	*
Geometry for Secondary Mathematics Teaching	*
Statistics and Probability for Secondary Mathematics Teaching	*
Methods of Teaching Secondary Mathematics	

SUU Courses	Course #
Calculus I	Math 1210
Calculus II	Math 1220
Multivariable Calculus	Math 2210
Probability and Statistics (Calculus Pre-requisite Introductory level not acceptable)	Math 3700
Linear Algebra	Math 2270
Foundations of Algebra or Algebraic Structures	Math 3120
Euclidian/Non-Euclidian Geometry or Foundations of Geometry	Math 3130
Differential Equations or Applied Mathematics/Modeling (AM/M)	Math 2280 or AM/M *
Introduction to Analysis or Advanced Calculus	Math 4400
Algebra for Secondary Mathematics Teaching	Math 3010
Geometry for Secondary Mathematics Teaching	Math 3020
Statistics and Probability for Secondary Mathematics Teaching	Math 3040
Methods of Teaching Secondary Mathematics	Math 4900

COURSE LIST FOR UTAH INSTITUTIONS: MATHEMATICS LEVEL 4 ENDORSEMENT

UMEP Courses	Course #
Calculus I	Math 4910A
Calculus II	Math 4910B
Multivariable Calculus	Math 4910C
Probability and Statistics (Calculus Pre-requisite Introductory level not acceptable)	Stat 3000
Linear Algebra	Math 4910LD
Foundations of Algebra or Algebraic Structures	Math 4310
Euclidian/Non-Euclidian Geometry or Foundations of Geometry	Math 3110
Differential Equations or Applied Mathematics/Modeling (AM/M)	Math 4910LD
Introduction to Analysis or Advanced Calculus	Math 4200
Algebra for Secondary Mathematics Teaching	Math 3010
Geometry for Secondary Mathematics Teaching	Math 5010
Statistics and Probability for Secondary Mathematics Teaching	Stat 4010
Methods of Teaching Secondary Mathematics	Math 4500 or Math 6500

U of U Courses	Course #
Calculus I	Math 1210
Calculus II	Math 1220
Calculus III	Math 2210
Probability and Statistics (Calculus Pre-requisite Introductory level not acceptable)	Math 3070 or Math 5010
Linear Algebra	Math 2270
Foundations of Algebra	Math 4030
Foundations of Geometry	Math 3100
Differential Equations or Mathematics Modeling	Math 2280 or Math 5740
Introduction to Analysis	Math 3210 or Math 3220
Algebra for Secondary Mathematics Teachers	Math 3430
Geometry for Secondary Mathematics Teachers	Math 3420
Statistics and Probability for Secondary Mathematics Teachers	Math 3410
Teaching of Secondary School Mathematics	Math 4090

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USU Courses	Course #
Calculus I	Math 1210
Calculus II	Math 1220
Multivariable Calculus	Math 2210
Probability and Statistics (Calculus Pre-requisite Introductory level not acceptable)	Math 5710 or Stat 3000
Linear Algebra	Math 2270 or Math 2250
Foundations of Algebra or Algebraic Structures	Math 4310
Euclidian/Non-Euclidian Geometry or Foundations of Geometry	Math 3110
Differential Equations or Applied Mathematics/Modeling (AM/M)	Math 2280 or 2250 or AM/M *
Introduction to Analysis or Advanced Calculus	Math 4200 or Math 5210
Algebra for Secondary Mathematics Teaching	Math 3010 or Math 4400
Geometry for Secondary Mathematics Teaching	Math 5010
Statistics and Probability for Secondary Mathematics Teaching	Stat 4010
Methods of Teaching Secondary Mathematics	Math 4500 or Math 6500

UVU Courses	Course #
Calculus I	Math 1210
Calculus II	Math 1220
Calculus III	Math 2210
Probability & Statistics for Engineering and the Sciences (Calculus Pre-requisite Introductory level not acceptable)	STAT 3040
Linear Algebra	Math 2270
Foundations of Abstract Algebra	Math 3300
Foundations of Geometry	Math 3100
Differential Equations	Math 2280
Foundations of Analysis	Math 3200
Algebra for Secondary Mathematics Teaching	Math 3030
Geometry for Secondary Mathematics Teaching	Math 4030
Statistics & Probability for Secondary Mathematics Teaching	Math 4040
Methods of Secondary School Mathematics Teaching	Math 3010

COURSE LIST FOR UTAH INSTITUTIONS: MATHEMATICS LEVEL 4 ENDORSEMENT

Westminster Courses	Course #
Calculus I	Math 201
Calculus II	Math 202
Multivariable Calculus	Math 203
Probability and Statistics (Calculus Pre-requisite Introductory level not acceptable)	Math 310
Linear Algebra	Math 211
Foundations of Algebra or Algebraic Structures	Math 312
Euclidian/Non-Euclidian Geometry or Foundations of Geometry	Math 314
Differential Equations or Applied Mathematics/Modeling (AM/M)	Math 363 or AM/M *
Introduction to Analysis or Advanced Calculus	Math 321 or Math 323
Algebra for Secondary Mathematics Teaching	*
Geometry for Secondary Mathematics Teaching	*
Statistics and Probability for Secondary Mathematics Teaching	*
Methods of Teaching Secondary Mathematics	EDUC 387

WSU Courses	Course #
Calculus I	Math 1210
Calculus II	Math 1220
Multivariable Calculus	Math 2210 Calculus III
Probability and Statistics (Calculus Pre-requisite Introductory level not acceptable)	Math 3410 Probability and Statistics I
Linear Algebra	Math 2270 Elementary Linear Algebra
Foundations of Algebra or Algebraic Structures	Math 3110 Foundations of Algebra, or Math 4110 Modern Algebra I*
Euclidian/Non-Euclidian Geometry or Foundations of Geometry	Math 3120 Foundations of Euclidean and Non-Euclidean Geometry (prerequisite is MTHE 2120)
Differential Equations or Applied Mathematics/Modeling (AM/M)	Math 2280 Ordinary Differential Equations, or Math 3550, Introduction to Math Modeling
Introduction to Analysis or Advanced Calculus	Math 4210 Introductory Real Analysis 1 (prerequisites are Math 2210, 2270, 3110)*
Algebra for Secondary Mathematics Teaching	MTHE 4110 Algebra from a Teaching Perspective (prerequisite is Math 3110)*
Geometry for Secondary Mathematics Teaching	MTHE 2120 Geometry from a Teaching Perspective (prerequisite is MATH 1210)
Statistics and Probability for Secondary Mathematics Teaching	MTHE 3060 Probability and Statistics from a Teaching Perspective (prerequisite is MATH 1210)
Methods of Teaching Secondary Mathematics	MTHE 3010 Methods and Technology for Teaching Secondary Mathematics (prerequisite is Math 1210 and at least 6 credit hours of MATH courses numbered 3000 or above)