Utah High School Mathematics Graduation Pathways

Honors Pathway

Secondary I
- Linear and exponential functions, congruent geometries

Secondary II
- Quadratic functions, similarity and right triangle trigonometry, conditional probability

Secondary III
- Polynomial, rational and radical functions, trigonometry, logarithms, data collection and analysis

Secondary I Honors or Calclulus
- Secondary I, Plus: matrices, vectors

Secondary II Honors or Precalculus Prerequisite
- Secondary II, Plus: depth in complex numbers, trigonometric identities, conic sections

Secondary III Honors or Precalculus & Concurrent Enrollment 1050/1060
- Secondary III, Plus: composition of functions, inverse functions, trig functions, polar and parametric forms, arithmetic and geometries series.

Alternate Selections

AAF Courses that meet graduation requirements but are not sufficient preparation for college-readiness (Secondary II Prerequisite)
- Introductory Statistics
- Mathematical Decision Making for Life (not CE course)
- Modern Math
- Mathematics of Personal Finance
- Computer Programming
- Accounting

AAF Courses that meet graduation requirements but are not sufficient preparation for college-readiness (Secondary III Prerequisite)
- AP Statistics (can be taken at the same time as SMIII)
- College Prep Math
- Concurrent Enrollment 1030, 1040
- IB Math SL

Precalculus & Concurrent Enrollment 1050/1060 (Secondary III Prerequisite)
- Behavior and features of square, root, absolute value, piecewise, polynomial, exponential, logarithmic and inverse functions, function operations and com-

Choose Either

Calculus
- Secondary III Honors or Precalculus Prerequisite
- IB Math HL

College and Career Readiness