

# Utah High School Mathematics Graduation Pathways

## 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

### 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

## Honors Pathway

### Secondary IH

Secondary I, Plus: matrices, vectors



### Secondary IIH

Secondary II, Plus: depth in complex numbers, trigonometric identities, conic sections



### Secondary IIIH

Secondary III, Plus: composition of functions, inverse functions, trig functions, polar and parametric forms, arithmetic and geometries series.



Choose Either

### AAF Courses that meet graduation requirements

(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-

### Calculus

Secondary III Honors or  
Precalculus Prerequisite

IB Math HL



**College and Career Readiness**