

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
- Modern Math
- Mathematics of Personal Finance

AAF Courses that meet graduation requirements (Secondary III Prerequisite)

- AP Statistics (can be taken concurrently with SMIII)
- College Prep Math
- Concurrent Enrollment 1010, 1030, 1040
- IB Mathematical Studies

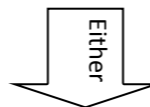
Secondary I
Linear and exponential functions, congruent geometries



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



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



Precalculus
Behavior and features of power and trigonometric function, matrices, conic sections, sequence and series, polar and parametric equations, data distributions and analysis

Concurrent Enrollment 1050/1060
Behavior and features of square, root, absolute value, piecewise, polynomial, exponential, logarithmic and inverse functions, function operations and composition, matrices, conic sections, sequence and series.

Honors Pathway

Secondary IH
Secondary I matrices, vectors



Secondary IIH
Secondary II, depth in complex numbers, trigonometric identities, conic sections



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



Calculus
IB Math SL