When in doubt, ask your math teacher what they would recommend you take next school year!

Graduation Requirements:

* Minimum of 6 semesters of math in high school
- Must have Completed Algebra 1 and Geometry and at least 1 additional course
- Pass Math SBA test (taken in 10th grade)

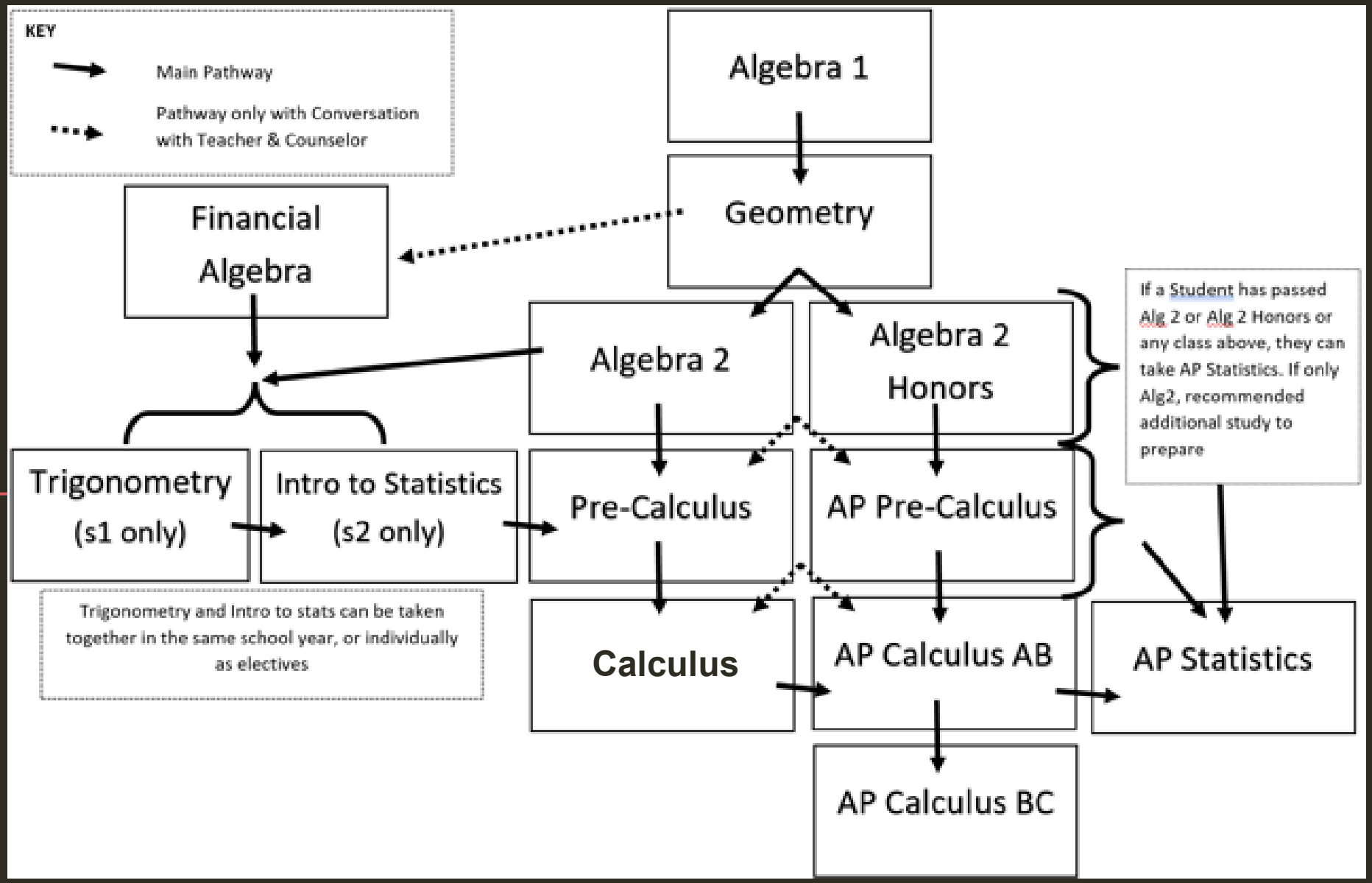
4-year College Requirements:

- 4 years of math in high school
- Credit through Algebra 2
- At least one course with Trig (Trig or Pre-Calculus)

MATH COURSE PATHWAYS

2025-2026

MATH PATHWAYS



IF YOU'RE CURRENTLY TAKING: ALGEBRA 1

YOUR OPTIONS INCLUDE:

Geometry

- Must have passed at least one semester of Algebra 1

ELECTIVES

No Math Electives Available

IF YOU'RE CURRENTLY TAKING: GEOMETRY

YOUR OPTIONS INCLUDE:

Algebra 2

- Credit in Geometry and Algebra 1 (Must have passed BOTH semesters)
- Preparation for Pre-Calculus

Algebra 2 Honors

- Rigorous course to prepare students for Pre-Calculus and AP Pre-Calculus

Financial Algebra* (12th only)

- After conversation with counselor and teacher – depending on post-high school plans

ELECTIVES

AP Computer Science Principles

IF YOU'RE CURRENTLY TAKING: ALGEBRA 2

YOUR OPTIONS INCLUDE:

Trigonometry/ Introduction to Statistics

- Expose to Trigonometry for 4-yr colleges; Not prep for AP Calc
- Courses that could follow: Applications of Statistics, AP Statistics, Pre-Calculus

Pre-Calculus

- Preparation for Calculus Courses

AP Pre-Calculus

- Preparation for AP Calculus AB

ELECTIVES

AP Computer Science Principles

AP Statistics*- *Only recommended if Students Excelled in Algebra 2*

Financial Algebra* (12th only)

- After conversation with counselor and teacher – depending on post-high school plans

IF YOU'RE CURRENTLY TAKING: ALGEBRA 2 HONORS

YOUR OPTIONS INCLUDE:

Trigonometry/ Introduction to Statistics

- Expose to Trigonometry for 4-yr colleges; Not prep for AP Calc
- Courses that could follow: Foundations of Calc, Applications of Statistics, AP Statistics, Pre-Calculus

Pre-Calculus

- Preparation for Calculus Courses

AP Pre-Calculus

- Preparation for AP Calculus AB

Financial Algebra* (12th only)

- After conversation with counselor and teacher – depending on post-high school plans

ELECTIVES

AP Computer Science Principles

AP Statistics*- *Only recommended if Students Excelled in Algebra 2*

IF YOU'RE CURRENTLY TAKING: PRE-CALCULUS

YOUR OPTIONS INCLUDE:

Calculus (Formally known as Foundations of Calculus)

AP Calculus AB

AP Statistics

ELECTIVES

AP Computer Science Principles

IF YOU'RE CURRENTLY TAKING: AP PRE-CALCULUS

YOUR OPTIONS INCLUDE:

Calculus (Formally known as Foundations of Calculus)

- Revisit Pre-Calc topics and introduction of limits and derivatives

AP Calculus AB

AP Statistics

ELECTIVES

AP Computer Science Principles

AP Statistics

IF YOU'RE CURRENTLY TAKING: CALCULUS

YOUR OPTIONS INCLUDE:

AP Calculus AB

AP Statistics

ELECTIVES

AP Computer Principles

AP Computer Science A

IF YOU'RE CURRENTLY TAKING: AP CALCULUS AB

YOUR OPTIONS INCLUDE:

AP Calculus BC

AP Statistics

ELECTIVES

AP Computer Principles

AP Computer Science A

IF YOU'RE CURRENTLY TAKING: AP CALCULUS BC

YOUR OPTIONS INCLUDE:

AP Statistics

ELECTIVES

AP Computer Principles

AP Computer Science A

IF YOU'RE CURRENTLY TAKING: TRIG/STATS

YOUR OPTIONS INCLUDE:

Pre-Calculus

AP Pre-Calculus

AP Statistics

ELECTIVES

AP Computer Principles

AP Computer Science A

IF YOU'RE CURRENTLY TAKING: AP STATISTICS

YOUR OPTIONS INCLUDE:

There is no official course offering post AP Statistics

However, if students have previously taken AP Calculus AB, AP Calculus BC is an option

ELECTIVES

AP Computer Principles

AP Computer Science A

TRIGONOMETRY & INTRO TO STATISTICS (MATH ELECTIVE)

COURSE DESCRIPTION

1 year; Math Credit

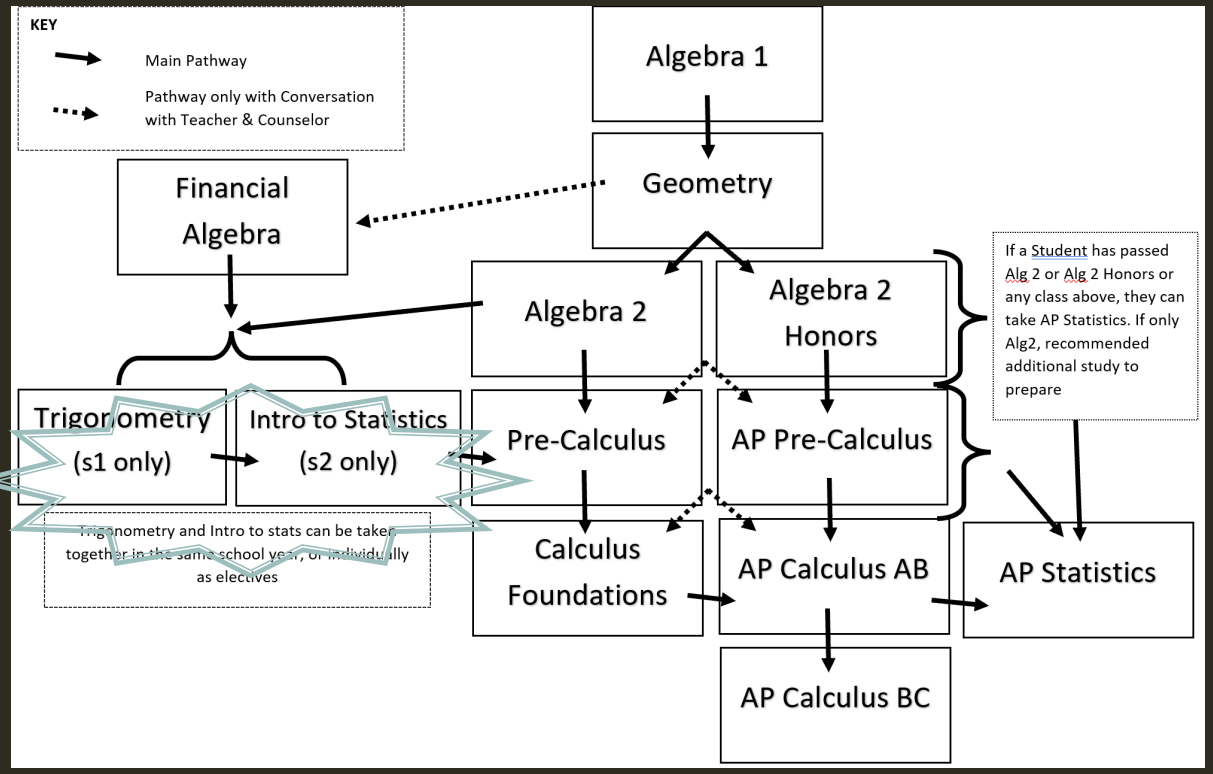
- 1st Semester: Concepts of Trigonometry
- 2nd Semester: Introduction to Statistical Applications

Overview

- Pre-Requisite: Credit in Algebra 2
- Introduces statistical thinking and trigonometric applications
- Graphing calculators will be used for developing concepts and analyzing data.

Trigonometry and Intro to stats can be taken together in the same school year, or individually as electives

PLACE IN SEQUENCE



FINANCIAL ALGEBRA (MATH ELECTIVE)

COURSE DESCRIPTION

1 year; Math* or Occ. Ed Credit

Overview

- A gentle introduction to real-world applications of algebra in finance.
- Personal finance with focus on math applications
- If not needing math credit, consider taking Personal Finance (1 semester elective) instead

Topics Covered: Credit Cards and Interest, Loans, Investments, Banking, Taxes, and Budgets

* Students interested in taking course for math credit should have discussion with counselor first.

PLACE IN SEQUENCE

