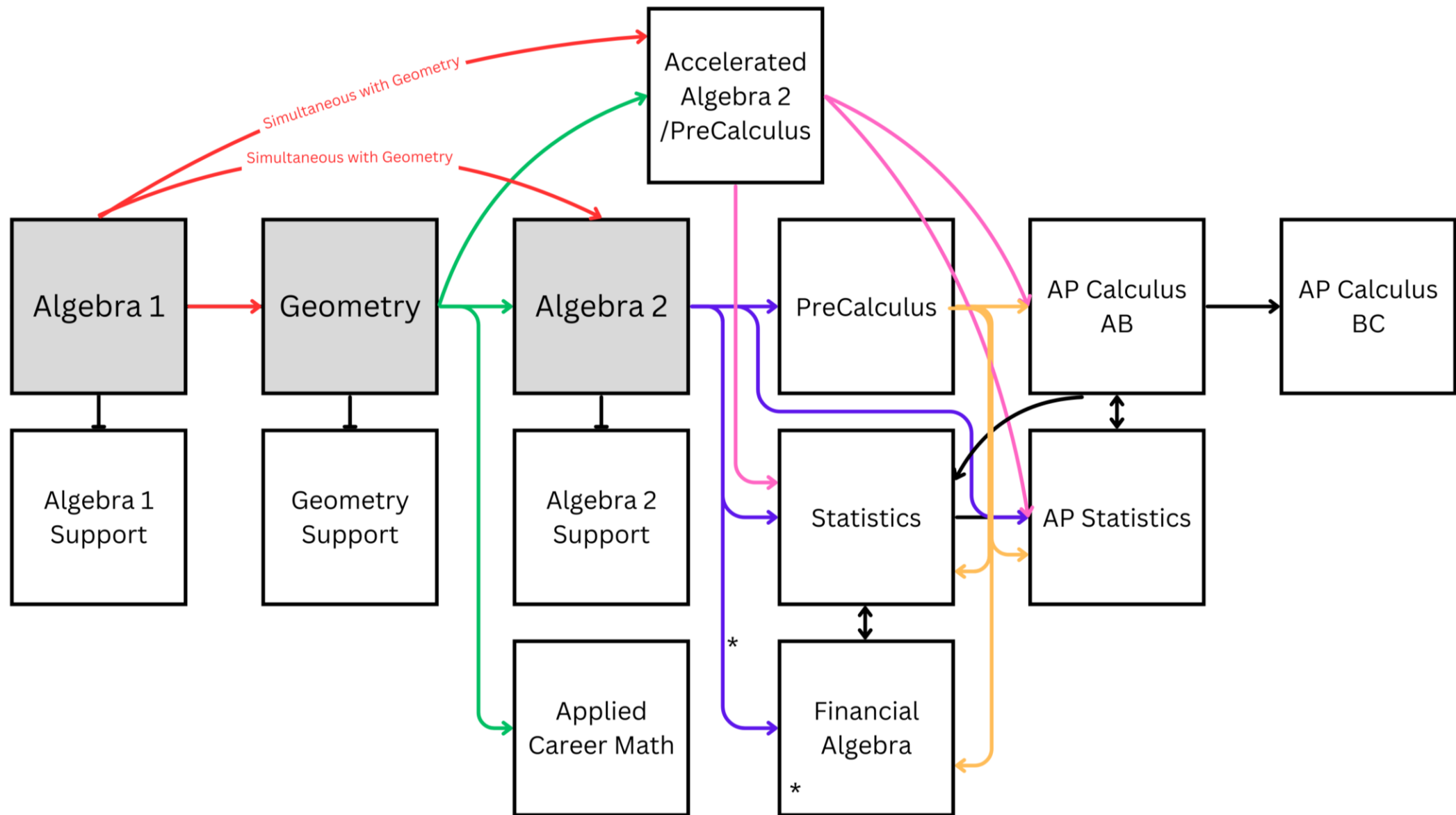




MATHEMATICS

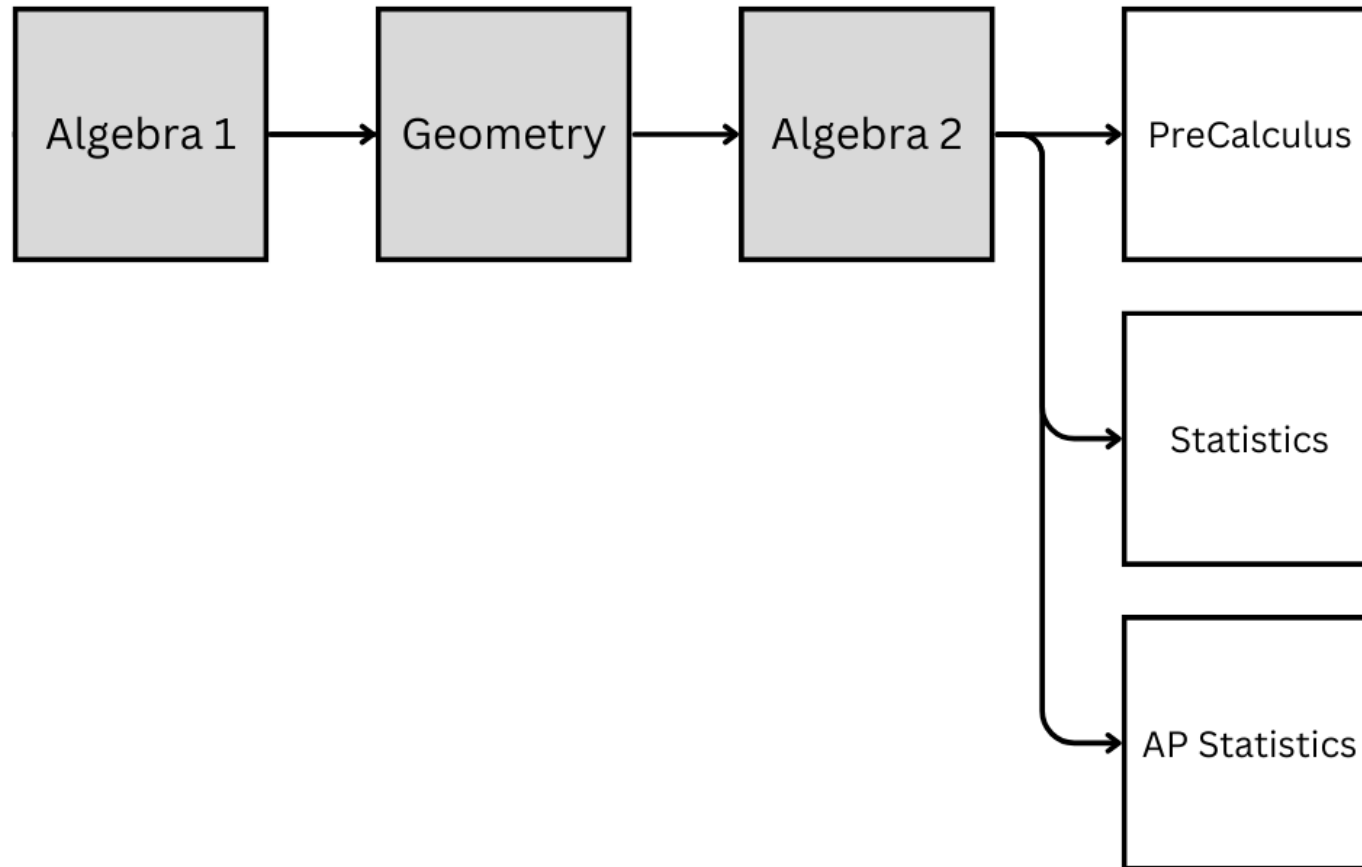
COURSE SELECTION





*Note: UC/CSU do not consider Financial Algebra a 4th year math class after Algebra 2

STANDARD PATHWAY



WAYS TO ACCELERATE

Math Acceleration Options

First Year	Second Year	Third Year	Fourth Year
Algebra 1	Algebra 2	PreCalculus*	AP Calculus AB and/or (AP) Statistics
Geometry			
Algebra 1	Accelerated Algebra 2/PreCalculus	AP Calculus AB*	AP Calculus BC and/or (AP) Statistics
Geometry			
Algebra 1	Geometry	PreCalculus*	AP Calculus AB and/or (AP) Statistics
	Algebra 2		
Algebra 1	Geometry	AP Calculus AB*	AP Calculus BC and/or (AP) Statistics
	Accelerated Algebra 2/PreCalculus		
Algebra 1	Geometry	Accelerated Algebra 2/PreCalculus	AP Calculus AB and/or (AP) Statistics

* You may also choose to take Statistics or AP Statistics at the same time as either AP Calculus AB or PreCalculus during your junior year. It is not recommended to take AP Statistics as your only math class during your junior year. Many students find success taking a Statistics class and a Calculus class at the same time.

A NOTE ABOUT ACCELERATION

IT IS NOT RECOMMENDED TO ACCELERATE IN ORDER TO AVOID A MATH CLASS SENIOR YEAR

TO BE A COMPETITIVE CANDIDATE, UC/CSU SCHOOLS WANT TO SEE STUDENTS TAKING A MATH CLASS ALL 4 YEARS

AP CLASSES

AP Statistics

Course Description: AP Statistics is designed for college bound students who have completed Algebra 2 or beyond. Topics include those found in the regular statistics course. Students will spend time selecting a proper model, describing and interpreting data, and displaying the results. There is a heavy emphasis on using clear reading and writing skills. Course scope and sequence will prepare students for the AP exam in May. Students enrolled in this class need to use a graphing calculator. We recommend the TI-84+. Students who earned less than a “B” in their previous math class are not recommended to take this course.

- Collecting and Analyzing data
- Computation de-emphasized
- Focus on communication and interpretation
- Lots of reading and writing

Future Majors: Business, Arts, Psychology, Medicine

AP Calculus

Course Description: AP Calculus is designed for the motivated math student who will likely pursue a career in a math or science related field. This is a rigorous and demanding class requiring extra hours dedicated to homework and study. Calculus will extend the study of limits, functions and derivatives, consider exponential functions, and applications of the definite integral, including volumes of solids of revolution. Students in this course will need to use a graphing calculator. We recommend the TI-84+. Students who earned less than a “B” in their previous math class are not recommended to take this course. *This course prepares students to take the AP exam in May.

- Graphs, algebra, and analysis
- Builds on past math concepts
- Computational proficiency helps
- Emphasizes techniques and applications

Future Majors: Science, Tech, Engineering, Medicine

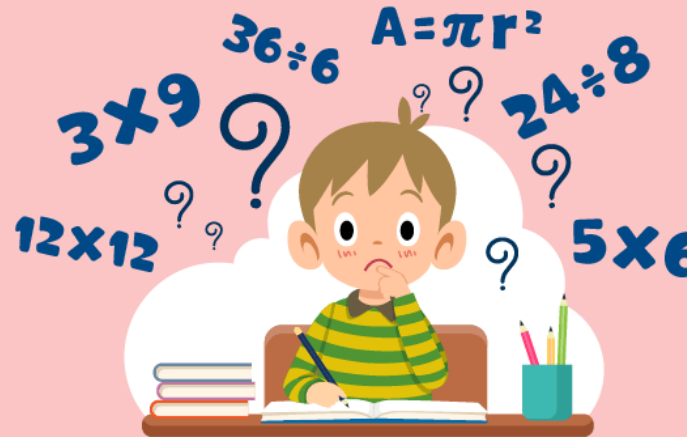
DO YOU STRUGGLE WITH MATH?

Algebra 1 Support

Geometry Support

Algebra 2 Support

- If you need a little bit more help in order to be successful in math
- Take at the same time as your regular math class in a different period
- Be taught by a Liberty math teacher
- Earn a letter grade and elective credits
- Enjoy small class sizes



Please talk to your math teacher about getting recommended for support next year!

DO YOU WANT TO HELP STRUGGLING STUDENTS?

Math Peer Tutor

- Earn a letter grade and elective credits (or a P/F grade if you choose)
- Help struggling students with:
 - Your preferred level of Math (Algebra 1,2, or Geometry)
 - Motivation
 - Study Skills
- Improve your own math skills for the SAT, ACT, ASVAB, etc.
- Looks great for:
 - College
 - Scholarships
 - Job applications
- Ask your teacher for a recommendation form!

