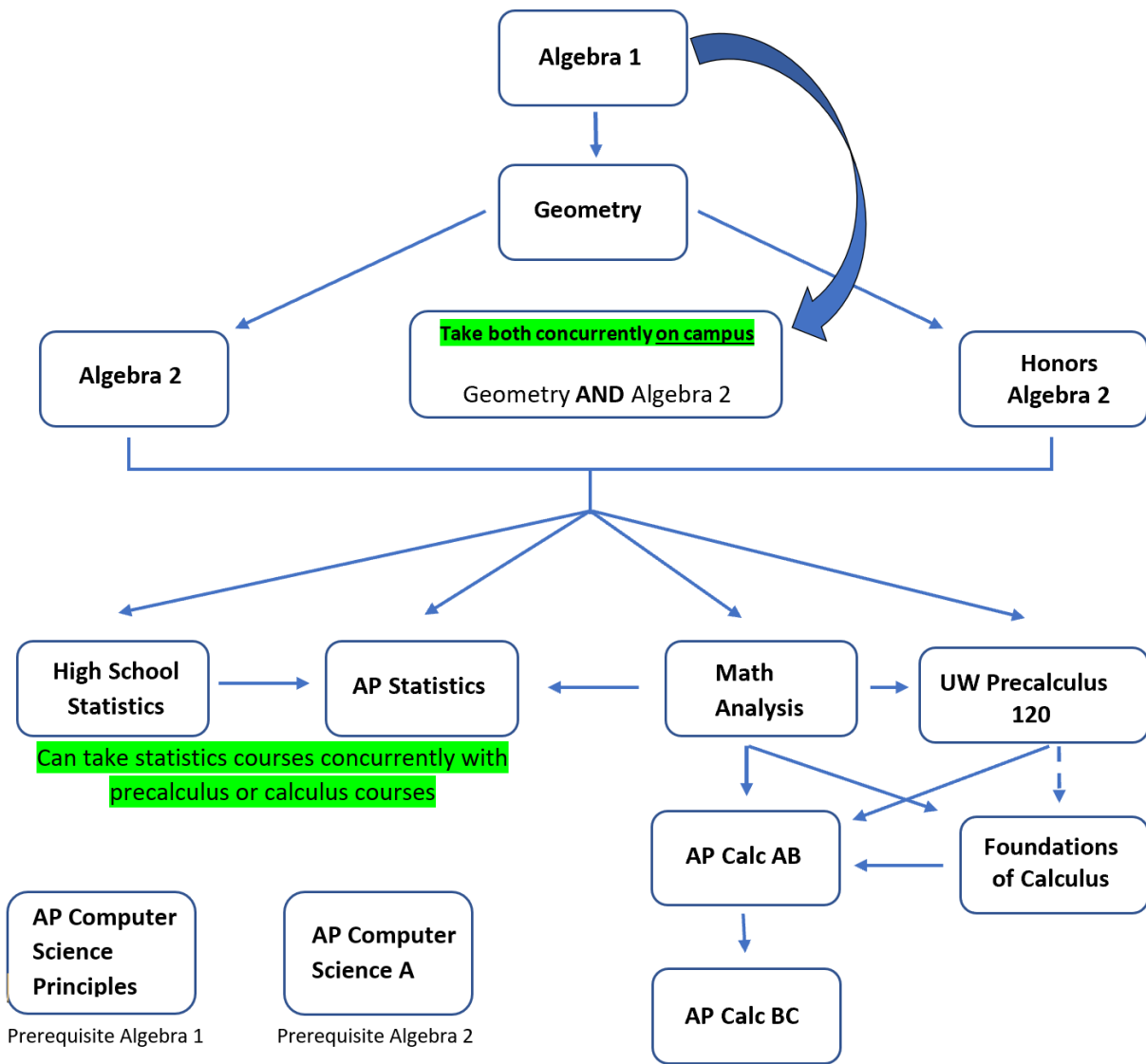


The math department STRONGLY DISCOURAGES students from taking online Algebra 2 or Precalculus courses over the summer in order to accelerate their pathway. Although we appreciate your interest in the STEM field, taking an online math course will not fully prepare you for the following math course. Online math courses do not fully align their standard to the math standards covered through LWSD and they do not reach the same level of depth with the concepts. This causes students to have gaps in their conceptual understanding, algebraic skills, and analytical thinking. Students are then often frustrated during the following math course as they lack the necessary background skills. Please keep in mind that math is not just about the memorization of content, you must apply the information in different scenarios which an online course will not prepare you for. If a student is interested in accelerating their math pathway, we recommend students register to take Geometry and Algebra 2 concurrently at school. Students can also take Statistics or AP Statistics concurrently with Precalculus or Calculus courses. Please also consider taking a computer science course to deepen your knowledge of the STEM field.

Please refer to the pathway below when choosing your schedule.



Desired Math Course	Math Department Recommendation	Minimum Prerequisite
Geometry	Algebra 1 Credit	Algebra 1 Credit
Algebra 2	Geometry Credit <i>OR</i> Can take concurrently with Geometry on campus if A for both semesters of Algebra 1	Algebra 1 Credit Geometry Credit or is taking Geometry concurrently
Honors Algebra 2	\geq B for both semesters of Algebra 1 AND Geometry <i>OR</i> Can take concurrently with Geometry on campus if A for both semesters of Algebra 1	Algebra 1 Credit Geometry Credit or is taking Geometry concurrently
Math Analysis (Precalculus)	\geq B for both semester of Algebra 2 <i>OR</i> \geq C for both semesters of Honors Algebra 2	Geometry & Algebra 2 Credit
UW Pre-Calculus	Strong A for both semester of Algebra 2 <i>OR</i> \geq B for both semesters of Honors Algebra 2	Geometry & Algebra 2 Credit
Foundations of Calculus	\geq C for both semesters of Math Analysis <i>OR</i> \geq C – for both semesters of UW Pre-Calculus	Math Analysis or UW Precalculus Credit
AP Calculus AB	\geq B+ for both semesters of Math Analysis <i>OR</i> \geq B for both semesters of UW Pre-Calculus	Math Analysis or UW Precalculus Credit
AP Calculus BC	\geq B – for both semesters of AP Calculus AB <i>OR</i> Passed the AP Calculus AB Exam	AP Calculus AB Credit
High School Statistics	Only for seniors unless taken concurrently with another math class.	Geometry & Algebra 2 Credit
AP Statistics	Can take concurrently with another math class if desired. A in both semesters of Algebra 2 <i>OR</i> \geq B for both semesters of Honors Algebra 2 <i>OR</i> \geq B for both semesters of Math Analysis <i>OR</i> \geq B – for both semesters of UW Pre-Calculus <i>OR</i> Earned credit in any Calculus level class	Geometry & Algebra 2 Credit