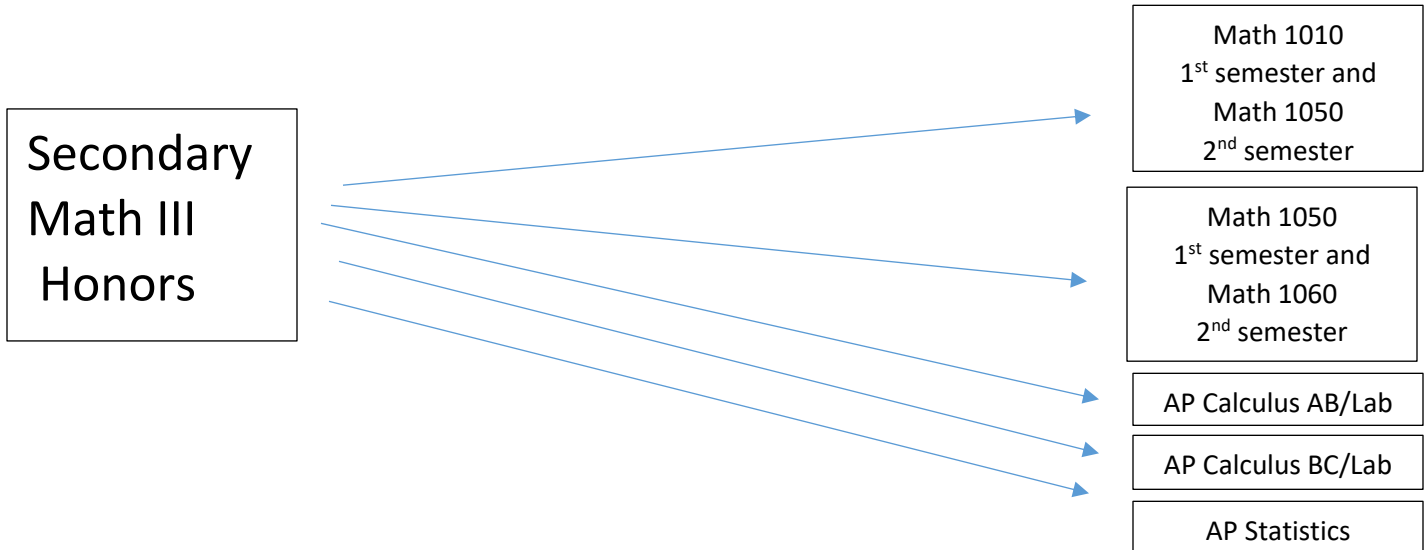
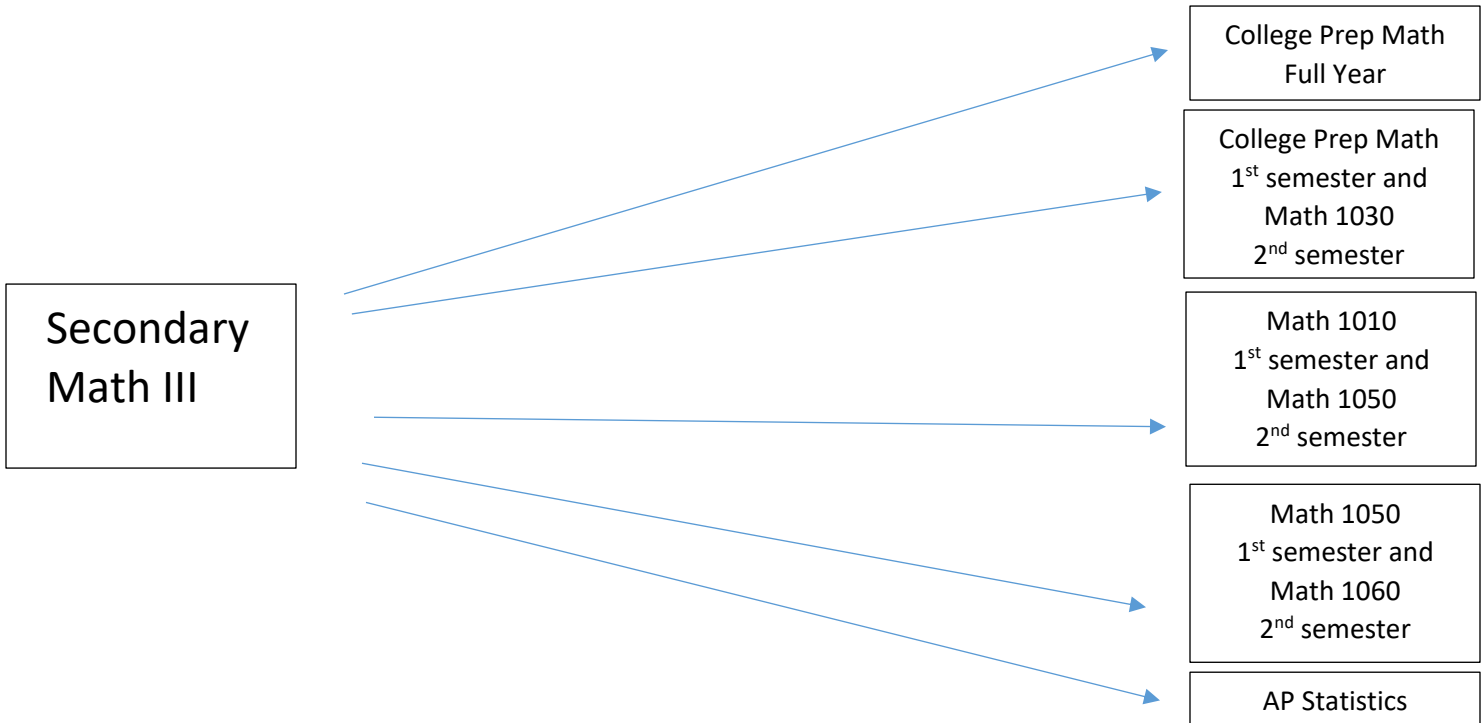


Math Options for Seniors at WXHS



Math Decision Making for Life

** Students can take Math Decision Making for Life their senior year or their junior year to count as their 3rd math requirement to graduate from high school. Math Decision Making for Life is usually taken in place of Secondary 3 and is not a college preparatory course.

College Prep Math full year: This course is for seniors who are college bound but need another year to prepare to take Math 1010, 1030 or 1050 at the university level. This course is specifically for students who have completed Secondary 3 with grades lower than C, and thus do not qualify for CE math.

College Prep Math (1st Semester)/Concurrent Enrollment Math 1030 (2nd Semester): Students who have successfully completed Secondary 3 and are approaching readiness for college level math. Students take College Prep Math during first semester, and Math 1030 during second semester. The purpose of first semester College Prep Math is to prepare students to be successful in Math 1030 second semester. Completion of Math 1030 will result in 4 semester hours of math credit (general education requirement at most universities for students pursuing a degree in areas such as social science, arts, music). Your grade from this course will appear on your college transcript. Average grade of C or higher in Secondary Math 1, Secondary Math 2 and Secondary Math 3 is required to take 1030 OR students qualify by having a minimum 21 math subscore on the ACT.

Concurrent Enrollment Math 1010 (1st Semester): This course is for students who want to take Math 1050 but do not have the 23 minimum ACT math sub score required for that course. This course also serves as a way for students to prepare and review for 1050 second semester. If you take Math 1010 first semester, and get a C grade or higher, you will automatically qualify for Math 1050 second semester. You will receive 4 credits of math through Weber State for Math 1010. Average grade of C or higher in Secondary Math 1, Secondary Math 2 and Secondary Math 3 is required to take 1010 OR students qualify by having a minimum 21 math subscore on the ACT.

Concurrent Enrollment Math 1050 (2nd Semester): This course is for students who have successfully completed CE Math 1010 first semester at WX (grade of C or higher) or for students who have a minimum 23 on the ACT along with average grades of C or higher in Sec Math 1, 2, 3. This is an honors type course and students should be willing to work in a more rigorous atmosphere. Completion of Math 1050 will result in 4 semester hours of College Algebra (general education requirement at most universities for students pursuing a degree in areas such as business, education, science, nursing, engineering). Your grade from this course will appear on your college transcript.

Concurrent Enrollment Math 1050 (1st Semester): This course is for students who are ready to take Math 1050 without taking Math 1010. Although not required, it is highly recommended that students have A's and B's in their Secondary 3 course. Weber State requires students to have a 23 on their ACT (by the beginning of 1st semester) as well as average grades of C or better in Secondary 1, Secondary 2, and Secondary 3 in order to enroll.

Concurrent Enrollment Math 1060 (2nd Semester): This is a semester course in Trigonometry and is useful for many different degrees as well as any degree that requires Calculus. Universities require Math 1060 as a pre-requisite to College Calculus 1 (along with Math 1050), and you will receive 2 semesters of College Trigonometry on your transcript.

AP Statistics: Advanced Placement course that will result in 6 semester hours of college credit of Statistics upon passing of the AP test. Many departments at the college level are now requiring statistics, and the AP statistics course will prepare students to be successful in those majors. In addition, the AP statistics course will count as 1030 credit at most universities, therefore giving you the GE credit needed for graduation for liberal arts majors. If you need 1050 for your major, you will most likely still have to take that course in college. Depending on your AP score, most universities count AP Statistics as the beginning Statistics course offered by the university. AP Statistics can be taken concurrently with Secondary 3, Concurrent Enrollment Math or AP Calculus. Recommended for students who have completed Secondary 3 with grades B+ or higher, as well as any student who has completed Secondary 3 Honors.

AP Calculus AB: Students are required to have shown proficiency in Secondary 3 HONORS by receiving a grade of C or higher. Students are strongly recommended to enroll in the Calculus Lab as well as the Calculus course, thus taking two periods of their schedule for math. Passing the AP test at the end of the year will give you college credit for Calculus Semester 1 (some universities require a 3 or higher while others require a 4 or higher on the test). In addition, passing the AP Calculus test will count as your General Education math credit (Math 1050 or Math 1030).

AP Calculus BC: Students are required to have shown proficiency in Secondary 3 HONORS by receiving a grade of B+ or higher. Students are strongly recommended to enroll in the Calculus Lab as well as the Calculus course, thus taking two periods of their schedule for math. Passing the AP test at the end of the year will give you college credit for Calculus Semester 1 AND Calculus Semester 2 depending on your AP score (some universities require a 3 or higher while others require a 4 or higher on the test). Students who are interested in a major in Chemistry, Physics, Engineering, Mathematics, or Computer Science should consider Calculus BC.

Frequently asked question: how does CE math credit work?

Concurrent enrollment math classes 1010, 1030, and 1050 are taught through Weber State University, and credit will appear on your WSU transcript. CE 1060 is taught through Utah State University. If you attend a different university, your transcript from WSU or USU will be sent to the new university and the credit will appear on your transcript there.

CE Math 1030 and CE Math 1050 count as the GE requirement (depending on your major) and this credit does not expire as far as your GE requirement is considered. However, universities require you take Math 1050 as a pre-requisite for Math 1060, 1080, and also Calculus 1 and if your credit is more than two years old, they will require you to go back and retake Math 1050 or show proficiency on a math placement exam. Their reasoning is that you likely have forgotten the skills necessary to be successful at the next level and you need to repeat the course. So, IF your major requires more math than Math 1050, you need to take the next math course within two years of taking Math 1050 here at WX. If your major does not require more math, your GE requirement should be fulfilled through your course here at WX and you will most likely not be required to take math in college.