

Traditional Mathematics Pathways

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Algebra 1	Geometry	Algebra 2 Or Intermediate ⁺	See Senior Course Matrix
Geometry Honors*	Algebra 2 Honors	Precalculus Honors	
Algebra 2 Honors [^]	Precalculus Honors	AP Calculus	

- * Student would have taken and passed Algebra 1 in 8th Grade. Recommended that they also have a C or better.
- [^] Student would have taken and passed Algebra 1 in 7th Grade and Geometry in 8th Grade. Recommended that they also have a C or better.
- + Students who have struggled with Algebra 1 and are not ready to go on to Algebra 2 after Geometry are recommended to take Intermediate.
- Students can step down into a non-honors course from an honors course.
- Students can step up into an honors course from a non-honors course with a teacher's recommendation. The *largest* step, where the fewest students have found success, is between Algebra 2 and Precalculus Honors.

OSPI Math Credit Requirements

Washington state requires that students earn AT LEAST THREE credits of math ([RCW 28A.230.090](#)):

- 1.0 Credit of Algebra I or Integrated Math I
- 1.0 Credit of Geometry or Integrated Math II
- 1.0 Credit of high school-level math course that meets the student's education and career goals identified in the student's high school and beyond plan (this is being revisited by OSPI in 2023).

Senior (*post-Algebra 2*) Math Classes

	Precalculus	Bridge to College Math	Math 107	AP Statistics	AP Calculus
22-23 LC Teachers	Fischer Honors: Bishop, TR	Calkins	Nickisch	Nickisch	AB: Gannon BC: McLean
Prerequisite	Algebra 2 (Grades: 80%-100%)	Algebra 2 (Grade: 0%-70%, SBA 1-2)	Algebra 2 (Grade:70%-80%, SBA 2-3)	Algebra 2	AB: Precalculus BC: Honors Precalculus
Content	Precalculus, <i>Honors: Precalculus & Intro to Calculus</i>	Algebra and Intro to Probability & Statistics	Logic, Finance, Probability, Statistics	College Level Probability & Statistics	AB: Equivalent to Calc 1 BC: Equivalent to Calc 1 & Calc 2
Math Ability	Proficient/Advanced	Novice/Approaching	Approaching/Proficient	Proficient/Advanced	AB: Proficient/Advanced BC: Advanced
College Credit	No	No	Yes (Credit through EWU with grade 73%+)	Yes AP Test 3+	Yes AP Test 3+
Learning Style	Discussions Notes & Lectures Independent Work Time Homework (especially if in class time not spent wisely)	Project Based Group Work Discussions Minimal/No Homework	Discussions Notes & Lectures Independent Work Time Homework (especially if in class time not spent wisely)	Discussions Notes & Lectures Independent Work Time Homework (especially if in class time not spent wisely)	Discussions Notes & Lectures Independent Work Time Homework (especially if in class time not spent wisely)
Student Post-HS Goals	STEM field at a 2- or 4-year school	Non-STEM field at 2- or 4-year school, apprenticeship, work force, military	Non-STEM field at 2- or 4-year school, apprenticeship, work force, military	Any post HS plans: Non-STEM or STEM	STEM field at a 2- or 4-year school
WA State Exemption from College Math Placement Test	Yes (73%+ places in Math 98, Math 141, or Math 151)	Yes (83%+ Places in Math 107 or Math 146)	Yes* (*Math 107 is not a prerequisite for any other college level class)	Yes (Placement depends on AP Score)	Yes (Placement depends on AP Score)
Meets Math Pathway for Graduation	No	Yes	Yes	Yes	Yes