

## COMMON COURSES OF STUDY IN MATH

**These are the most common courses of study, but other options are available.**

Students are encouraged to take the most challenging course of study. It is possible to accelerate your math program and move to a more challenging course of study. Your school counselor and math instructor will help determine what math courses are best for you and your future interests. Please take into consideration that some courses have pre-requisites. Refer to the course selection guide for further information.

All students must successfully complete 4 mathematics credits in order to meet graduation requirements. In addition, those students graduating in the year 2023 and beyond are required to score proficient or advanced on the Algebra I Keystone Exam as a state graduation requirement. Those that don't score proficient or advanced must meet statewide graduation requirements through one of four other pathways as part of Act 158. This exam is given at the end of the Algebra I courses designated below with an asterisk (\*).

**Note:** *All students must successfully complete Algebra I, Algebra II and Geometry before taking higher level mathematics courses.  
Any student wishing to take more than one math course in a year must receive a recommendation from their current math teacher.  
Personal Finance or Statistics can be taken by Juniors and Seniors in addition to their recommended courses.*

<b>7<sup>th</sup></b>	Advanced Math 7		Math 7	Fundamentals of Math 7
<b>8<sup>th</sup></b>	Advanced Algebra I*		Pre-Algebra	Fundamentals of Pre-Algebra
<b>9<sup>th</sup></b>	Honors Algebra II <i>and</i> Geometry	Honors Algebra II	Algebra I*	Fundamentals of Algebra IA
<b>10<sup>th</sup></b>	Pre-Calculus <i>and/or</i> Trigonometry	Geometry	Algebra II	Fundamentals of Algebra IB*
<b>11<sup>th</sup></b>	Calculus <i>or</i> AP Calculus AB <i>or</i> AP Stats <i>or</i> Statistics	Pre-Calculus <i>and/or</i> Trigonometry <i>or</i> Statistics	Geometry	Fundamentals of Algebra II, <i>or</i> Fundamentals of Geometry <i>or</i> Personal Finance
<b>12<sup>th</sup></b>	Dependent upon previous course selections	Dependent upon previous course selections	Trigonometry <i>or</i> Pre-Calculus <i>or</i> Personal Finance <i>or</i> Statistics	Fundamentals of Algebra II, <i>or</i> Fundamentals of Geometry <i>or</i> Personal Finance

\*Students taking Advanced Algebra I, Algebra I, or Fundamentals of Algebra IB will be required to take the Algebra Keystone exam as an end of course assessment.