

CHS Science and Mathematics Departments Courses and Recommendations for Advancement

SCIENCE COURSES

To take this...	We recommend you have this...
Biology (9 th)	<ul style="list-style-type: none"> • Passing grade in eighth grade science
Chemistry (10 th /11 th /12 th)	<ul style="list-style-type: none"> • C or better in Biology and • C or better in Algebra 1
Chemistry Honors (10 th /11 th /12 th)	<ul style="list-style-type: none"> • B or better in Biology and • B or better in Geometry or Geometry Enriched
Physiology (11 th /12 th)	<ul style="list-style-type: none"> • C or better in Biology • C or better in Chemistry/Physics
Physics (10 th /11 th /12 th)	<ul style="list-style-type: none"> • C or better in Biology or Chemistry and • C or better in Algebra 1
AP Physics 1 (10 th /11 th /12 th)	<ul style="list-style-type: none"> • B or better in Biology/Chem./Chem. H • B or better in Algebra 2
AP Physics C: Mech / E&M (11 th /12 th)	<ul style="list-style-type: none"> • B or better in Physics/AP Physics 1 • B or better in AP Calculus AB and/or concurrent enrollment in Calculus BC
AP Biology (11 th /12 th)	<ul style="list-style-type: none"> • B or better in Biology • B or better in Chemistry Honors • B or better in Algebra 2
AP Chemistry (11 th /12 th)	<ul style="list-style-type: none"> • B or better in Chemistry Honors • B or better in Algebra 2
AP Environmental Science (11 th /12 th)	<ul style="list-style-type: none"> • B or better in Biology • C or better in Chem/Chem H/Physics/AP Physics 1 • B or better in Algebra 1

MATHEMATICS COURSES

To take this...	We recommend you have this...
Algebra 1	<ul style="list-style-type: none"> • Algebra Readiness (Middle School course) • Algebra Fundamentals (M.S. Course) • Introduction to Algebra (M.S. Course)
Geometry	<ul style="list-style-type: none"> • C or better in Algebra 1
Geometry Enriched	<ul style="list-style-type: none"> • A or high B in Algebra 1
Algebra 2	<ul style="list-style-type: none"> • C or better in Geometry AND C or better in Algebra 1
Algebra 2/ Trigonometry	<ul style="list-style-type: none"> • A in Geometry OR high B or better in Geometry Enriched
Applications of Advanced Mathematics	<ul style="list-style-type: none"> • C or better in Algebra 2 OR Algebra 2/Trig
Pre-Calculus T1: Trigonometry T2: Pre-Calculus	<ul style="list-style-type: none"> • B or better in Algebra 2 OR • C in Algebra 2/Trig OR • C or better in Applied Math
Pre-Calculus H T1: Pre-Calculus T2: Calculus A	<ul style="list-style-type: none"> • B or better in Algebra 2/Trig or • B or Pre-Calculus or • B or better in Applied Math
AP Calculus A/B T1: Calculus A T2: Calculus B	<ul style="list-style-type: none"> • B or better in Pre-Calculus OR • C or better in Pre-Calculus Honors
AP Calculus B/C T1: Calculus B T2: Calculus C	<ul style="list-style-type: none"> • High B or better in Pre-Calculus Honors
AP Statistics	<ul style="list-style-type: none"> • C or better in Pre-Calculus OR • C or better in Applied Math

COMPUTER PROGRAMMING COURSES

Computer Prog. Java	<ul style="list-style-type: none"> • C or better in Geometry
AP Computer Science	<ul style="list-style-type: none"> • B or better in Java • High B in Algebra 2 OR B or better in Algebra 2/Trig