

STEAM Academy Pathway Description | Science & Biotechnology

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Honors Biology	AP Biology	AP Chemistry	Scientific Research Elective ¹
Health / PE or Elective ²	Honors Chemistry	AP Physics	AP Foreign Language Elective ³
Accelerated Analytic Geometry B/Advanced Algebra ⁴ Honors Analytic Geometry ⁵ Accelerated Coordinate Algebra/Analytic Geometry A ⁶	Accelerated Pre-Calculus Accelerated Analytic Geometry B/Advanced Algebra Honors Advanced Algebra	AP Calculus AB/BC (2 Periods) Accelerated Pre-Calculus Honors Pre-Calculus	Fourth Math Option (ACCEL/Dual Enrollment Calculus/Engineering Calculus) AP Calculus AB/BC
Foreign Language I	Foreign Language II	Foreign Language III Elective	AP Foreign Language & Culture Elective
Honors 9 th Grade Literature 9 th Grade Literature	Honors 10 th Grade Literature 10 th Grade Literature	AP English Language & Composition American Literature	AP English Literature & Composition ACCEL English / Language Arts Senior English / Language Arts
AP Environmental Science	AP World History World History	AP US History US History	AP Government/Economics ACCEL or Government/Economics
Scientific Research I	Intro to Healthcare & Biotechnology (2 Units) Elective	Intro to Healthcare & Biotechnology (2 Units) Applications of Biotechnology	Applications of Biotechnology Biotechnology Internship Biotechnology Work-Based Learning

¹ The elective that can replace scientific research must be related to the student's pathway and or capstone project.

² Students are allowed to enroll in our Naval JROTC program that can count for credit in place of PE & Health.

³ The elective that can replace scientific research must be related to the student's pathway and or capstone project.

⁴ Students who take honors math during 8th grade can enroll in this course only excelling on both the 8th grade CRCT and the Coordinate Algebra EOCT.

⁵ Students who excel on the 8th grade CRCT and pass the Coordinate Algebra EOCT will be enrolled in this course.

⁶ Students who excel on the 8th grade CRCT and do not take or pass the Coordinate Algebra EOCT will be enrolled in the Accelerated Coordinate Algebra course.