

Computer Science or Electrical Engineering

Mandatory Science Courses

- *Students must complete the following:*
 - Biology or AP Biology
 - Two years of Physics (Regular, Honors, or AP)
 - One year of Chemistry (Regular, Honors, or AP)

Mandatory Math Courses

- *Students must take the following courses:*
 - Pre-Calculus (for students interested in Computer Science) or Calculus (for students interested in Engineering)
 - Introduction to Java Programming
 - AP Computer Science A
 - AP Computer Science Principles

Science Electives

- *Choose 2 of the following Science Electives:*
 - Design Projects in Physics
 - Advanced Topics in Chemistry
 - Science Research 1 (Prerequisite for Science Research 2)
 - Science Research 2
 - Advanced Science Research

Other Electives

- *Choose 2 of the following Electives:*
 - Statistics or AP Statistics
 - Electronics 1 and 2
 - Computer Graphics 1

In addition to the aforementioned classes, students are required to meet the New Jersey High School Graduation Requirements, including the PARCC, courses of study and credit requirements.