

The best way to decide is to look at the prerequisites. The teachers and guidance department have carefully set these requirements so that students will have the background skills they need going into a class. Also, math skills are especially important in chemistry. A good grade in Biology all by itself does not predict success in Chemistry!

Often, students who choose a course they don't have the pre-req's for end up struggling or even switching during the year.

INTEGRATED CHEMISTRY-PHYSICS ***0915***

2 Semesters 2 Credits Grade: 10

Prerequisite: Algebra I or taking Algebra I concurrently. Biology I recommended.

This course fulfills a science requirement for Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors.

Math abilities needed: Basic math and algebra skills.

CHEMISTRY I ***0921***

2 Semesters 2 Credits Grades: 10-12

Sophomore Prerequisites: Biology I, "B" or better, Algebra I, "B" (if taken as a freshman)

Junior & Senior Prerequisites: "B" or better in Algebra I and "A" with teacher recommendation in ICP

This course fulfills a science requirement for Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors.

Math abilities needed: A strong understanding of basic algebra, especially fractions, exponents, percents, proportions, ratios, and solving for unknown variables.

CHEMISTRY I, Pre-AP (HONORS) ***0919***

2 Semesters 2 Credits Grades: 10-12

Prerequisites: Biology I and Geometry, Algebra II or Pre-Calculus recommended concurrently. Recommended grades: "B" or better in Biology I Honors or "A" in Biology I and "B" or better in Geometry.

This course fulfills a science requirement for Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors.

Math abilities needed: A very strong understanding of basic algebra, especially fractions, exponents, percents, proportions, ratios, and solving for unknown variables.

In general, the student responsibility and work ethic requirement is greatest in Chemistry I Honors, and medium in Chemistry I. Students can expect nearly daily homework in Chemistry I, but it will not be as demanding as Chemistry I Honors. The biggest difference between Honors Chemistry I and Chemistry I is the pace and the availability of retakes on quizzes.