

Advanced Topics in Chemistry (Ledoux) (grades 11-12)

Chemistry is a vast topic only glanced during your eleventh-grade experience. This course aims to delve into topics such as organic chemistry, biochemistry, nuclear chemistry, electrochemistry, reduction-oxidation reactions, and many more. In addition, we prepare for the Advanced Placement (AP) Chemistry exam in May. Only the most capable chemistry students (11th and 12th graders) are encouraged to take this course. During a typical three-week cycle, you will learn about a given chemistry topic, conduct an experiment related to the topic, and prepare for the AP exam. The third trimester is student-driven and enables you to direct the class toward a variety of more complex topics such as chemical use in history and current events.