



## UNIVERSITY HIGH SCHOOL Science

Science classes at Lab engage students in the process of inquiry and scientific thinking through laboratory, research, and engagement with the scientific literature.

Every student is required to complete three years of credit in science. All students must first complete the two-year introductory sequence of lab-based courses: Biology, followed by Chemistry (C or M). Following this initial sequence, students can select their third requirement year from offered science classes.

Students are encouraged to discuss individual circumstances with their science teacher or with the department chairperson to select their third-year science requirement. Students should also be aware of the mathematics course requirements for some science classes.

Some students come to the Laboratory Schools in tenth grade or later, having successfully completed, at an accredited high school, introductory courses in

Biology or Chemistry which closely parallel our own courses. These students will not be required to duplicate their work in the corresponding courses here. Other students may have taken courses at other high schools which are not close matches to the introductory courses here. These students may be required to complete the two-year sequence of introductory science courses at the Laboratory Schools. Working closely with the instructor's discretion, the department will review the placement of students with nonstandard backgrounds.

### Courses

- Biology
- Chemistry C
- Chemistry M
- Neuroscience and Behavior
- Physics
- AT Biology
- AT Chemistry C
- AT Chemistry M
- AT Physics I
- AT Physics II

### Topic Electives

- Electronics
- Cosmology
- Biomedical Ethics
- Environmental Science
- Organic Chemistry
- Introduction to Chemical Research