

## Suggested Science Pathways:

Post High School Plans	9th	10th	11th	12th
<b>4-year college with science major</b>	Honors Biology	Honors Chemistry	AP Physics OR Dual Credit Geology and Astronomy OR Anatomy and Physiology	AP Biology OR AP/Dual Credit Chemistry OR Dual credit Geology and Astronomy OR Anatomy and Physiology
<b>4-year college non-science major</b>  <b>OR</b>  <b>2-year college or technical school</b>	Honors Biology  OR Standard Biology	Honors Chemistry  OR Standard Chemistry  OR Earth and Space Science	AP Physics OR Conceptual Physics OR Dual Credit Geology and Astronomy OR Earth and Space science OR Anatomy and Physiology	AP Biology OR AP/Dual credit Chemistry OR AP Physics OR Conceptual Physics OR Dual Credit Geology and Astronomy OR Anatomy and Physiology
<b>High School Only</b> *2-year graduation requirement	Standard Biology	Standard Chemistry  OR Earth and Space science	Standard Chemistry OR Earth and Space science OR Anatomy and Physiology	Conceptual physics OR Dual credit Geology and Astronomy OR Anatomy and Physiology

### Other notes:

- You must take honors chemistry in order to take AP chemistry. You must take an honors science class to enroll in AP Biology.
- Freshman and sophomore year, you may switch between honors and standard biology and chemistry with teacher recommendation.
- You may take Earth and space science. Then, you can enroll in Dual Credit geology and astronomy the following year.

- Standard vs. Honors Biology

- o Honors is best for students with well-developed study skills. Students have opportunities to practice what is learned in class and correct responses independently. These students are independent learners and self-motivated to prepare for class. Students are asked to complete assignments that benefit them on assessments but are not always graded. Students experience lab work with their own design and manipulation of variables. They will design and carry out a semester-long project in the fall and in the spring they will spend a couple of weeks dissecting a fetal pig. Students should expect to dive deeply into concepts. Students frequently work in small groups.
  
- o Standard is best for students who need multiple opportunities to practice the content and a more guided learning environment. These students cover the same content as in honors at a different pace and depth. Assignments are often graded which helps with accountability and study habits. Students have study guides and traditional assessments. They should expect frequent lab and group activities.