

DSA Science Sequence Planner

1. In order to meet graduation requirements, your student **must** take

- Either Standard Biology or Honors Biology
- Either Standard Earth/Environmental Science or AP Environmental Science
- at least one of the following: Physical Science, Chemistry, or Physics

2. In order to compete for college admissions, your student should take four years of science.

3. All Standard and Honors courses have mathematics co-requisites. These are listed below.

Course	Co-requisite(s)
Standard Physical Science	CC1
Standard Biology	CC2
Honors Biology	Honors CC2
Standard Earth Science	CC2
Honors Earth Science	Honors CC2
Standard Chemistry	CC2
Honors Chemistry	Honors CC2
Standard Physics	CC3
Honors Physics	Honors CC3

3. ALL AP science courses have science pre- or co-requisites*. These are listed below.

AP Course	pre-requisite(s)	co-requisite(s)
AP Environmental Science	Honors Biology	Honors Chemistry or Honors Physics
AP Chemistry	Honors Chemistry	
AP Biology	Honors Biology, Honors Chemistry	
AP Physics	Honors Physics	AP Calculus

4. There are many ways to be successful in science at DSA. Two sample science selections are detailed below. Most students will find themselves somewhere between the extremes of Student A and student Z.

* Any co-requisite can be fulfilled as a pre-requisite.

Student A is in love with his arts pathway, and will take Common Core 1 math as a freshman. He wants to spend the majority of his energy on non-science courses. He will most likely take Physical Science as a freshman, Biology as a sophomore, Earth Science as a junior, and then choose between Physics and Chemistry his senior year.

Student Z adores everything about science and wants to take as many DSA science courses as possible. (Student Z excelled in Common Core 1 math in 8th grade. She also scored a 4 on both the 8th grade English and math EOC's.) She will most likely take Honors Biology as a freshman, then Honors Chemistry and APES as a sophomore, Honors Physics and AP Chemistry as a junior, and AP Physics and AP Biology as a senior. Over four years, this student will have earned 7 DSA science credits (with 4 AP's), but may not have many other AP credits due to scheduling constraints.

Some (but not all!) possible paths are listed below:

Student	Freshman year	Sophomore year	Junior Year	Senior Year
A	Physical Science	Biology	Earth Science	Chemistry or Physics
	Physical Science	Biology	Chemistry or Physics	Earth Science
	Physical Science	Honors Biology	Honors Chem or Honors Physics APES	AP Bio or AP Chem or Physics
	Physical Science	Honors Bio	Honors Physics Honors Chem	AP Chemistry or AP Bio
	Honors Biology	Honors Chemistry	Honors Physics or APES or AP Bio or AP Chem	AP Physics or AP Bio or AP Chem or Honors Physics
	Honors Bio	Honors Chem APES	Honors Physics or AP Bio or AP Chem	AP Bio or AP Chem or AP Physics
	Honors Bio	Honors Physics APES	Honors Chem AP Bio	AP Chem AP Physics
Z	Honors Bio	Honors Chem APES	AP Bio AP Chem Physics	AP Physics

5. A flowchart of courses is below.

→Please note: In order to enroll in Honors Biology as a freshman, a student must meet ALL of the following requirements:
Score of 4 on 8th Grade Science EOG and an A for the year in 8th grade science
Score of 4 on 8th Grade Reading EOG and an A for the year in 8th grade LA
A for the year in Advanced mathematics course (CC1 or higher)



