

West High Science Courses

9th grade Science Courses		10th grade Science Courses		11th grade Science Courses		12th grade Science Courses
Earth Science		Biology		Biology		Biology
		Chemistry		Chemistry		Chemistry
		Astronomy		Astronomy		Astronomy
		Physics		Physics		Physics
Honors Biology		Zoology		Zoology		Zoology
		Environmental Science		Environmental Science		Environmental Science
		Honors Biology		Honors Biology		Honors Biology
Biology		Honors Chemistry		Honors Chemistry		Honors Chemistry
		AP/IB Biology		AP/IB Biology		IB Chemistry HL 2
		AP Physics		AP/IB Chemistry		IB Biology HL 2
		AP Physics C		IB Physics SL 2		IB Physics HL 2
				IB Physics HL 1		AP/IB Environmental Science
				AP/IB Environmental Science		AP/IB Chemistry
				AP Physics 1		AP/IB Biology
				AP Physics C		AP Physics 1
						IB Physics SL 2
						AP Physics C

**Students need 3 science credits for graduation. 2 credits must be year-long courses in 2 of the 5 foundation science areas: biology, chemistry, earth science, physics, and computer science. Many colleges ask students to take 4 years of science.

FAQs:

1. What is the difference between an honors and general science class?

- Honors classes are more rigorous. Students will dive deeper into the subject area and learn at a faster pace than general classes. There is typically more work outside of class time.

2. Can I take a general class and an honors class in later years?

Yes! There are no prerequisites for courses. Students are welcome to start in general courses and take honors courses the next year.

Sample Science Paths: Here are *some* examples of the many potential student paths.

Grade	Student 1: Loves science, but is not quite ready for an honors class freshman year.	Student 2: Is excited to explore science at West, but likely not pursuing a career in science.	Student 3: Wants to pursue a rigorous science path at West. (Doubling up on 2 sciences in one year is also possible)	Student 4: Is very interested in <i>life</i> science, but is not quite ready for an honors class freshman year.
9th	Earth Science	Earth Science	Honors Biology	Biology
10th	H. Biology	Biology	Honors Chemistry	Chemistry or H. Chemistry
11th	H. Chemistry	Chemistry	Upper level science (AP/IB)	Science elective or upper level science (AP/IB)
12th	Science elective or upper level science (AP)	No science this year or a science elective	Upper level science (AP/IB)	Science elective or upper level science (AP/IB)