

Canyons School District
Recommended High School Science Course Pathways 2019-20

GRADES	STANDARD PATHWAY	RECOMMENDED PATHWAY	ADVANCED PATHWAY
9	Foundation Science Course	Biology, Chemistry, or Physics	Biology, Chemistry, or Physics
10	Foundation Science Course	Biology, Chemistry, or Physics	Regular or AP Biology, Chemistry, or Physics
11	Foundation Science Course or any Applied and Advanced Foundation Course	Biology, Chemistry, Physics or any *AP/IB Science Course	Any *AP/IB Science Course
12	Foundation Science Course or any Applied and Advanced Foundation Course or any *AP/IB Science Course	Biology, Chemistry, Physics or any Applied and Advanced Foundation Course or any *AP/IB Science Course	Any *AP/IB Science Course

Students planning to apply to selective colleges should take the Recommended Pathway courses

Science Graduation Requirements

Three credits are required for graduation. Students must complete courses from 2 of the 4 areas of science on the **Foundations Courses** list PLUS an additional course from the **Foundation Courses** list or **Applied and Advanced Courses** list

Foundation Courses	Applied and Advanced Foundation Courses	
<u>Biology</u> Biology Human Biology Biology: Agricultural Science AP, IB, or CE(with Lab) Biology	Aerospace Aeronautics Agricultural Biotechnology Agricultural Science I, II, III, or IV Aquaculture Anatomy and Physiology Animal Science I or II Applied Biology or Chemistry Astronomy Biotechnology Botany Electronics 1, 2, 3 Engineering Principles 1, 2 Engineering Capstone Environmental Science Equine Science Genetics	Geology Human Physiology Marine Biology/Oceanography Material Science Medical Anatomy and Physiology Medical Forensics Meteorology Natural Resource Science I, II Plant and Soil Science Plant and Soil Science I or II PLtW Digital Electronics PLtW Principles of Engineering Robotics 1, 2 Veterinary Assistant 1, 2 Wildlife Biology Zoology
<u>Chemistry</u> Chemistry AP, IB, or CE(with Lab) Chemistry		
<u>Physics</u> Physics Physics with Technology AP, IB, or CE(with Lab) Physics		
<u>Earth Science</u> Earth Science AP or IB Environmental Science		
<u>Computer Science</u> AP Computer Science AP Computer Science Principles Computer Programming II Computer Science Principles		

Honors Courses are available and should be viewed as a pathway to an Advanced Placement course. These courses are more rigorous. An honors section might not be available at every high school. Discuss options that meet your interests with your guidance counselor.

Advanced Placement (AP) Science courses are strongly encouraged for all students. AP Science courses help develop key skills needed to succeed in college by improving science writing skills, sharpening problem-solving abilities, and developing better study habits.