

"For since the creation of the world His invisible attributes, His eternal power and divine nature, have been clearly seen, being understood through what has been made" (Romans 1:20).

DESCRIPTION OF EXCELLENCE

God's creative acts provide the foundation for scientific discovery. Students explore the wonder of the laws and principles that govern the universe while developing marketplace skills.

SCIENCE DEPARTMENT FACULTY

Our Science Department faculty includes eleven teachers with master's or doctoral degrees; the average instructor has taught at VCS nine years.

SCIENCE DEPARTMENT DISTINCTIVES

- Extensive small-group experiments and real-life simulations using state-of-the-art, and industry-standard lab equipment.
- Pursuit of scientific research through competitions such as the Synopsys Science and Technology Championship.
- Opportunities for research using equipment such as the Moxi Flow® cytometer and the SpectraMax® M2 Microplate Reader.
- On-campus Observatory
- Faculty with industry experience that can connect real life practices to the science being taught.
- Science Department offerings are linked to the many programs offered through our AMSE after-school programs.
- The Science Department participates in VCHS' Dual Credit Program, which allows students selecting certain classes to take those for college credit.

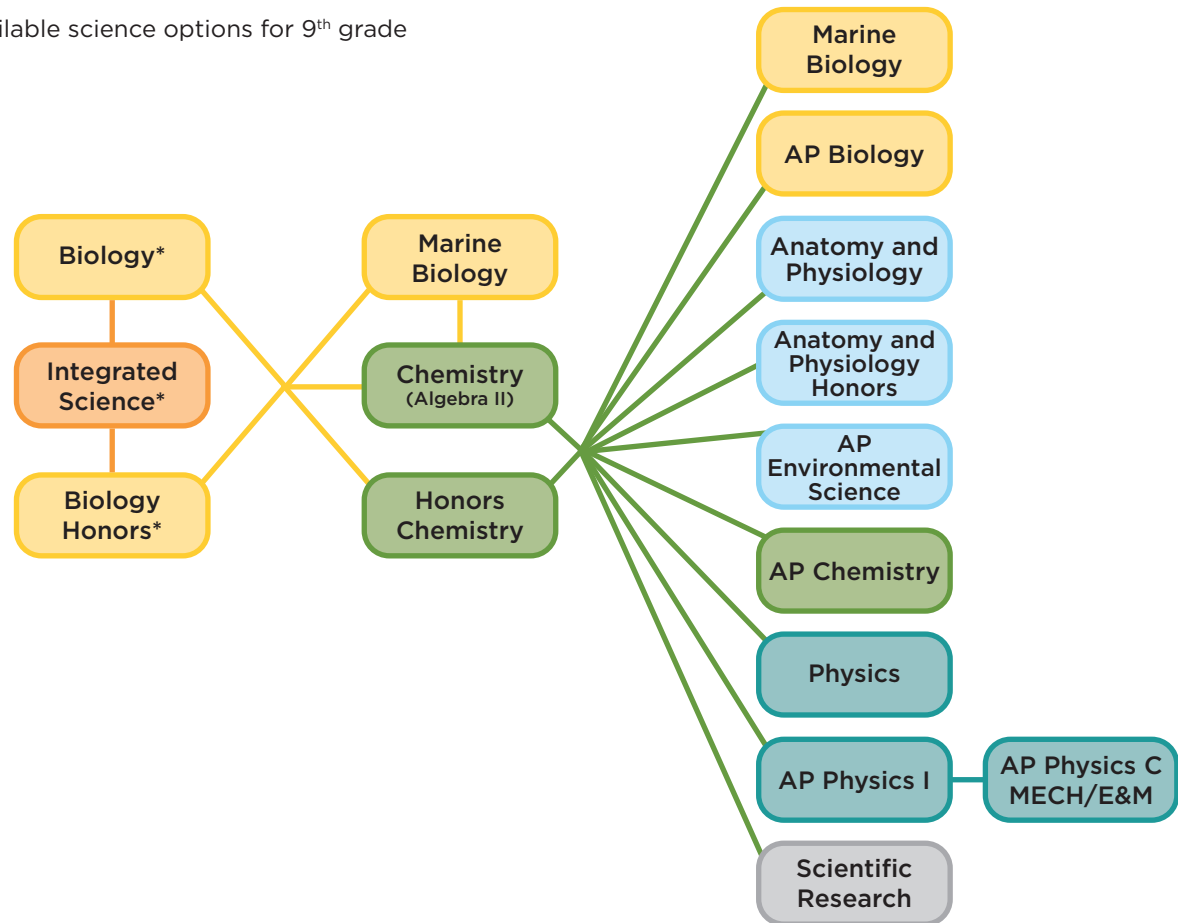
CSU Requirements:

At least one year of physical science and one year of biological science

UC Requirements:

Biology, Chemistry, or Physics (all three preferred)

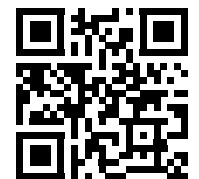
* Available science options for 9th grade



SCIENCE COURSES

Two years of science are required to graduate from VCHS. Students are encouraged to reach for Chemistry level, and for those looking to be accepted to a University of California campus, Physics is preferred. VCHS highly recommends at least three years of science to compete in the college market.

This map is a general planning tool, intended to show the course and typical student tracks. Students may deviate from the map and should consult with the counselors and teachers to find the best classes to meet their academic and spiritual goals. Please check our high school Course Catalog for any applicable course prerequisites. Courses offered may vary year to year.



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