

Health Science: General Health – Pre-Medicine

Sample Plan of Study*

Careers include Physician, Physician's Assistant (PA), Dentist

<p>Freshman Year</p> <p>(1.0) English 9/English 9 Honors (1.0) Math* (based on 8th grade math course) (1-2.0) Earth Science/Freshman Gen. Science & Honors Biology (1.0) Intro to Social Studies/Current Social Issues (0.5 only) (Not a required course.) (1.0) PE Concepts (1.0) Fine Arts (0.5) Business/Computer Elective (0.5) Health Science I</p>	<p>Sophomore Year</p> <p>(1.0) English 10/English 10 Honors (2.0) Math* (2.0) Honors Biology & Chemistry I/Chemistry I Honors (1.0) World History (1.0) Research and Clinical Skills (1.0) Electives (including technical & application level pathway courses)</p>
<p>Junior Year</p> <p>(1.0) English 11/English 11 Honors (2.0) Math* (including Statistics) (2-3.0) AP Biology/Chemistry II Honors (1.0) U.S. History (1-2.0) Anatomy & Physiology+ (1.0) Electives (including technical & application level pathway courses) ◇Patient Care Experience</p>	<p>Senior Year</p> <p>(1.0) English 12/AP Literature (2.0) AP Calculus I & II* (1-2.0) Honors Physics/AP Physics/AP Chemistry (0.5) American Government (0.5) Speech (1.0) Health Care Work Experience◇ (2.0) Electives (including technical & application level pathway courses)</p>

**Math Recommendation:* Students in this pathway should complete Calculus I & II. Pre-requisite courses for Calculus I & II are: Algebra I, Geometry, Algebra II, Algebra III and/or College Algebra, Pre-Calculus. This may require students to take two math courses (2.0) in one school year.

◇*Patient-Care Experience:* Students in this pathway should complete clinical hours of patient-care experience during high school. They may earn these hours through courses such as CNA/CMA and/or Health Science III. Shadowing hours may also be earned through volunteer opportunities.

+*Anatomy & Physiology* is offered as semester- (5 college credit hours) or year- long (8 college credit hours) courses.

Pathway Courses (Pathway completion requires students to complete two or more credits, including two technical or application courses. Information on this pathway can be found here: usd266/mca/programs)

Introductory Level	Technical Level	Application Level
<ul style="list-style-type: none"> Health Science I Biology Chemistry 	<ul style="list-style-type: none"> Health Science II Medical Terminology & Pharmacology Anatomy & Physiology AP Biology 	<ul style="list-style-type: none"> Health Science III CNA/CMA Phlebotomy EKG Dental Practice Management Infection Control in Dental Practice

Other Recommended Courses

Psychology Sociology
Developmental Psychology



Graduation Requirements

English – 4 units	Math – 3 units
Science – 3 units	Social Studies – 3 units
PE/Health – 1 unit	Fine Arts – 1 unit
Computer/Business – 1 unit	Speech – 0.5 unit
Electives – 11.5 units	

*This sample plan of study offers an example of what a student's individual plan of study in this pathway might look like. Please note that some courses may not be offered on an annual basis and participation in classes may be subject to space availability.