

Health Science: Allied Health – Pre-Nursing

Sample Plan of Study*

Careers include nurse, EMT, lab sciences, radiology, CNA/CMA

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

**Math Recommendation:* Students in this pathway should complete Statistics. Pre-requisite courses for Statistics are: Algebra I, Geometry, Algebra II, Algebra III and/or College Algebra. 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 in a pathway, including technical or application courses. Information on this pathway can be found here: usd266/mca/programs

*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

Introductory Level	Technical Level	Application Level
<ul style="list-style-type: none"> · Health Science I · Biology · Chemistry 	<ul style="list-style-type: none"> · Research and Clinical Skills · Medical Terminology & Pharmacology · Anatomy & Physiology · EMT I · EKG · Principles of Nutrition · AP Biology 	<ul style="list-style-type: none"> · Health Care Work Experience · CNA/CMA · Phlebotomy · EMT II · Home Health Aide

Other Recommended Courses

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	