

DEL NORTE HIGH SCHOOL SCIENCE COURSES

PUSD-Del Norte High School Graduation Requirements	Laboratory Science: 20 credits; 10 life science, 10 physical science
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Post Secondary Institution Requirements		
UC/CSU "a-g"	University of California (UC) and California State University (CSU) Grades must be C or better	Selective UC and other highly selective universities Recommend Honors & AP courses Grades must be C or better
d	Laboratory Science 2 years required/3 years recommended One yr. life science & one yr. physical science MANY NON UC/CSU COLLEGES REQ 3+ YRS	Laboratory Science 2-3 years required/4+ recommended At least one life science and one physical science

Life Science: UC "d"	Recommended prerequisites/minimum grades
Biology of the Living Earth 1-2 10 credits (9 th -12 th grade)	Completion or concurrent enrollment in Integrated Math I.
Principles of Biomedical Sciences 1-2 10 credits (9 th -12 th grade)	Completion or concurrent enrollment in Integrated Math I.
Human Body Systems 1-2 10 credits (10 th -12 th grade)	Principles of Biomed Sciences, Chemistry or concurrent enrollment.
Honors Medical Interventions 1-2 10 credits (11 th -12 th grade) This is a <i>weighted</i> honors course.	Principles of Biomedical Sciences, Human Body Systems, and/or AP Biology. Chemistry and/or Physics or concurrent enrollment. (A, B).
AP Biology 3-4 10 credits (10 th -12 th grade)	Biology 1-2 (A, B), Chemistry 1-2 (C or better). Completion of summer assignment.
AP Environmental Science 1-2 10 credits (10 th -12 th grade) Does <u>NOT</u> meet PUSD Life Science graduation requirement. UC Classification: Interdisciplinary; meets UC a-g Life or Physical Science requirement.	Biology 1-2 (A, B), Chemistry 1-2 (C or better), Strength in Algebraic Dimensional Analysis. Completion of summer assignment.
Physical Science: UC "d"	Recommended prerequisites/grades
Chemistry in the Earth System 1-2 , 10 credits (10 th -12 th grade; 9 th grade students on Bio 1/Chem 1-2 accelerated sequence)	Biology (A, B). Concurrent enrollment in Integrated Math III strongly recommended.
Fundamentals Physics & Chem 1/ Chemistry in the Earth System 1-2 , 15 credits/3 trimesters (10 th -12 th) Fundamentals of Physics & Chem 1 meets UC/CSU elective g, Chemistry 1-2 meets UC/CSU physical science d.	Same curriculum as traditional chemistry, slower pace. PUSD; earns two semesters/10 credits physical science and one semester/5 credits elective credits.
Physics of the Universe 1-2 10 credits (10 th -12 th grade)	Concurrent enrollment in Integrated Math III and Pre-Calc recommended.
Fundamentals Physics & Chemistry 2/Physics of the Universe 1-2 , 3 trimesters (10 th -12 th grade) 15 credits. 3 trimesters (10 th -12 th grade) Fundamentals of Physics & Chem 2 meets UC/CSU elective g, Physics 1-2 meets UC/CSU physical science d.	Same curriculum as traditional physics, slower pace. PUSD; earns two semesters/10 credits physical science and one semester/5 credits elective credits.
AP Chemistry 3-4 10 credits (10 th -12 th grade)	Chemistry 1-2 (A, B). Integrated Math III (A, B). Concurrent enrollment in Pre-Calculus (A, B strongly recommended).
AP Physics C: Mechanics 1-2 10 credits (10 th -12 th grade)	Concurrent enrollment in Calc AB, Calc BC is preferred. Completion of Physics of the Univ. strongly recommended.
AP Physics C: Electricity & Magnetism 1-2 10 credits (11 th -12 th grade)	Concurrent enrollment in Calc AB, Calc BC preferred. AP Physics C Mechanics strongly recommended.
AP Environmental Science 1-2 10 credits (10 th -12 th grade) UC Classification: Interdisciplinary; meets UC a-g Life or Physical Science requirement.	Biology 1-2 (A, B), Chemistry 1-2 (C or better), Strength in Algebraic Dimensional Analysis. Completion of summer assignment.

01/30/2020