

High School A-G Area	UC Requirements for Freshman Admissions	CSU Requirements for Freshman Admissions	NVC Courses that Count Towards High School A-G Requirements			
			SHUSD Course	NVC Course	NVC Credits	SHUSD Credits
English	Four years of approved courses	Four years of approved courses	AP English Language (HP)			
			AP English Literature (HP)			
			ELD 1-4			
			English 9-11 (P)			
			English 12 ERWC (P)			
			Honors English 10 (HP)			
Mathematics	Three years of college-preparatory mathematics that include the topics covered in elementary and advanced algebra and two- and three-dimensional geometry; a fourth year of math is strongly recommended. A geometry course or an integrated math course with a sufficient amount of geometry content must be completed. Four years recommended.	Three years, including algebra, intermediate algebra, and geometry.	AP Statistics (HP)			
			Integrated Math 2 (P)			
			Integrated Math 3 (P)	MATH-108 Trigonometry	3	10
			Integrated Math 3/Trigonometry (HP)	MATH-106 College Algebra MATH-120 Calculus I MATH-121 Calculus II	4 5 5	10 10 10
			Personal Finance			
			Statistics (P)			
Social Studies/Science	Two years of history/social science, including one year of U.S. history or one-half year of United States (U.S.) history and one-half year of civics or American government; and one year of world history, cultures, and geography.	Two years, including one year of U.S. history or U.S. history and government and one year of other approved social science.	American Government (S)(P)			
			AP Comparative Government (S)(HP)			
			AP World History (HP)			
			Economics (S)(P)			
			Humanities (S)(P)			
			U.S. History (P)	HIST 120 US History 1 HIST 121 US History 2	3 3	10 10
Science	Two years of college-preparatory science, in two of these three subjects: biology, chemistry, or physics. One year of approved interdisciplinary or earth and space sciences coursework can meet one year of the requirement. Computer Science, Engineering, Applied Science courses can be used in area D as an additional science. Three years recommended.	Two years, including one year of biological and one year of physical science with lab.	Advanced Ag Systems (HP)(lab) AP Environmental Science (HP)(lab) Chemistry (P)(lab) Chemistry-Ag (P)(lab) Environmental Science (P) Honors Chemistry (HP)(lab) Honors Chemistry-Ag (HP)(lab) Horticulture 1 (P) Landscape Design (P) Physics (P)(lab) Science & Media (P)			
			Advanced Ag Systems (HP)(lab) Anatomy & Physiology (HP)(lab) AP Environmental Science (HP)(lab) —not offered 2024-25 AP Biology (HP)(lab) Biology (P)(lab) Biology-Ag (P)(lab) Horticulture (P) Viticulture 1 (P) Viticulture 2 (P-pending)			
World Language	Two years in same language required. Three years recommended.	Two years in same language required.				
Visual and Performing Arts	One year of visual and performing arts chosen from the following: dance, drama/theater, music, or visual art.	One year of visual and performing arts chosen from the following: dance, drama/theater, music, or visual art.	Drama	THEA 151 Rehearsal and Performance: Non Musical THEA 153 Rehearsal and Performance: Musical	3 3	10 10
			Music	MUSI 179 Repertory Wind Ensemble MUSI 130 Voice I	3 3	10 10

Electives	One year*	One year*	Food Service and Hospitality Pathway	HCTM 100 Sanitation and Safety HCTM 111 Intro to Baking and Pastry HCTM 120 Intro to Hospitality Management	2 3 3	10 10 10
Total	15 college preparatory courses (A-G courses) with a grade of "C" or better (You must complete at least 11 prior to the beginning of the last year of high school)	15				

* Must be chosen from approved academic courses in history/social science, English, advanced mathematics, lab science, foreign language, social science, or visual and performing arts. See UC's public "A-G" course lists [External link opens in new window or tab.](#) for approve

