

Required A – G Courses for University of California and California State University

A: History/Social Science – 2 years required

Two years of HSS, including one year of World History, Cultures, and Geography; and one year of U.S. History or one-half year of U.S. History and one-half year of civics or American government.

B: English – 4 years required

Four years of college-preparatory English that include frequent and regular writing, and reading of classic and modern literature. No more than one year of ESL-type courses can be used to meet this requirement.

C: Mathematics – 3 years required, 4 years recommended

Three years of college-preparatory mathematics that includes the topics covered in elementary and advanced algebra and two- and three-dimensional geometry. Approved integrated math courses may be used to fulfill part or all of the requirement.

D: Laboratory Science – 2 years required, 3 years recommended

Two years of laboratory science providing fundamental knowledge in at least two of these three foundational subjects: biology, chemistry, and physics. Advanced laboratory science classes that have biology, chemistry, or physics as prerequisites and offer substantial additional material may be used to fulfill this requirement, as may approved engineering courses or the final two years of an approved three-year integrated science program that provides rigorous coverage of at least two of the three foundational subjects.

E: Language other than English – 2 years required, 3 years recommended

Two years of the same language other than English. Courses should emphasize speaking and understanding, and include instruction in grammar, vocabulary, reading, composition, and culture.

F: Visual and Performing Arts (VAPA) – 1 year required

A single yearlong approved arts course from a single VPA discipline: dance, drama/theatre, music, or visual art.

G: College-Preparatory Electives – 1 year required

One year (two semesters), in addition to those required in “A – F” above, chosen from the following areas: engineering, technology, visual and performing arts (non-introductory level courses), history, social science, English, advanced mathematics, laboratory science, and language other than English (a third year in the language used for “E” requirement or two years of another language).