

A-G requirements (specifics for UC)

Subject Requirement ("A-G" Coursework)

Complete the 15 yearlong high school courses listed below. These courses are also known as the "A-G" subjects. At least 7 of the 15 yearlong courses must be taken in your last two years of high school. (Applicants for fall 2012 or beyond must complete 11 of the 15 required courses by the end of their junior year.)

California High School Students

The courses you take to fulfill the Subject Requirement must be certified by the University of California as meeting the requirement and must be included on your school's  [UC-certified course list](#).

REQUIRED "A-G" COURSES

a) History/Social Science
2 YEARS REQUIRED

Two years of history/social science, 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 include 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 this requirement, as may math courses taken in the seventh and eighth grades that your high school accepts as equivalent to its own math courses.

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 can 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. Courses in languages other than English taken in the seventh and eighth grades may be used to fulfill part of this requirement if your high school accepts them as equivalent to its own courses.

f) Visual and Performing Arts (V P A)
1 YEAR REQUIRED

A single yearlong approved arts course from a single V P A discipline: dance, drama/theater, 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: 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 the "e" requirement or two years of another language).