

# What do I need to complete in order to apply to a Four Year University?

## A-G Requirements

A-G requirements are requirements that California State Universities (CSU's) or Universities of California (UC's) are going to look to see that students have completed in high school. If students do not fulfill all of these requirements, they will not be eligible to apply to any CSU's or UC's as incoming freshmen.

To meet minimum admission requirements, you must complete 15 year long high school courses **with a letter grade of C or better** — at least 11 of them prior to your last year of high school. Keep in mind that taking high school (A-G) courses isn't the only way to satisfy these requirements. You also may meet them by completing college courses or earning certain scores on various acceptable exams. With the exception of math and language other than English, all subject requirements must be met in 9th through 12th grade.

### A) History

#### **Two years of history, including:**

- One year of world history, cultures or historical geography (may be a single yearlong course or two one-semester courses), and
- one year of U.S. history or one-half year of U.S. history and one-half year of civics or American government

#### **Exams & coursework that satisfy "A":**

##### AP or IB Examination

- U.S. History: score of 3, 4 or 5 on the AP U.S. History exam; score of 5, 6 or 7 on the IB History of the Americas HL exam.
- U.S. or Comparative Government: Score of 3, 4 or 5 on the AP exam satisfies a half year.
- World History/Cultures/Geography: score of 3, 4 or 5 on the AP exam in European History, World History, Modern World History or Human Geography; score of 5, 6 or 7 on the IB History HL or Geography HL exam

##### College Courses:

- U.S. History: grade of C or better in a transferable course of 3 or more semester (4 or more quarter) units in U.S history; grade of C or better in a transferable course of 3 or more semester (4 or more quarter) units in civics or American Government meets one semester of the requirement.
- World History/Cultures/Geography: grade of C or better in a transferable course of 3 or more semester (4 or more quarter) units in world history, cultures and geography

## B) English

### **Four years of college-preparatory English that include:**

- Frequent writing, from brainstorming to final paper, as well as reading of classic and modern literature.
- No more than one year of ESL-type courses can be used to meet this requirement.

### **Exams & coursework that satisfy "B":**

#### ACT English Language Arts (ELA):

- Score of 24 meets the first three years; a score of 30 meets the entire four-year requirement.

#### SAT Writing and Language Test:

- Score of 31 meets the first three years; a score of 36 meets the entire four-year requirement.

#### AP or IB Examination:

- Score of 3, 4 or 5 on the AP English Language and Composition or English Literature and Composition exam; score of 5, 6 or 7 on the IB HL English: Literature exam (formerly IB HL English A1)

#### College Courses:

- For each year required through the 11th grade, a grade of C or better in a non-transferable college course of 3 or more semester (4 or more quarter) units in English composition, literature (American or English) or foreign literature in translation. Courses used to satisfy the fourth year and/or the entire requirement must be transferable.

## C) Mathematics

### **Three years of college-preparatory mathematics that include:**

- The topics covered in elementary and advanced algebra and two- and three-dimensional geometry. A geometry course or an integrated math course with a sufficient amount of geometry content must be completed. 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 if the high school accepts them as equivalent to its own courses; also acceptable are courses that address the previously mentioned content areas and include or integrate probability, statistics or trigonometry. Courses intended for 11th and/or 12th grade levels may satisfy the required third year or recommended fourth year of the subject requirement if approved as an advanced math course.

### **Exams & coursework that satisfy "C":**

#### AP or IB Examination

- Score of 3, 4 or 5 on the AP Calculus AB or Calculus BC exam satisfies two years of the requirement (but not geometry).
- Score of 5, 6, or 7 on the IB Mathematics HL Analysis and Approaches exam satisfies two years of the requirement (but not geometry).

### **College Courses:**

- Three semester (4 quarter) units of non-transferable college courses in elementary algebra, geometry, intermediate algebra or trigonometry, with a grade of C or better, satisfy one year each of the math requirement.
- Grade of C or better in a transferable mathematics course of at least 3 semester (4 quarter) units that has intermediate algebra as a prerequisite satisfies two years of the requirement (but not geometry).
- NOTE: *All students must complete a geometry course or integrated math with geometry content. One transferable college course will not satisfy the full three-year math requirement.*

### **D) Science**

#### **Two years of college-preparatory science, including or integrating:**

- Topics that provide fundamental knowledge 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 (i.e., third year and beyond).

#### **Exams & coursework that satisfy "D":**

##### AP or IB Examination

- Score of 3, 4 or 5 on any two AP exams from different disciplines in Biology, Chemistry, Physics (B, C, 1 or 2) and Environmental Science; score of 5, 6 or 7 on any two IB HL exams in Biology, Chemistry or Physics

##### College Courses:

- For each year of the requirement, a grade of C or better in a transferable course of at least 3 semester (4 quarter) units in a natural (physical or biological) science with at least 30 hours of laboratory (not "demonstration")

### **E) Language other than English**

Two years, or equivalent to the 2nd level of high school instruction, of the same language other than English are required. Courses should emphasize speaking and understanding, and include instruction in grammar, vocabulary, reading, composition and culture. American Sign Language and classical languages, such as Latin and Greek, are acceptable, as are Native American languages.

#### **Exams & coursework that satisfy "E":**

##### SAT Subject Tests:

*The following scores satisfy the entire requirement:*

- Chinese With Listening: 520
- French/French With Listening: 540
- German/German With Listening: 510
- Modern Hebrew: 470
- Italian: 520
- Japanese With Listening: 510

- Korean With Listening: 500
- Latin: 530
- Spanish/Spanish With Listening: 520

**AP or IB Examination**

- Score of 3, 4 or 5 on the AP exam in Chinese Language and Culture, French Language and Culture, German Language and Culture, Italian Language and Culture, Japanese Language and Culture, Spanish Language, Spanish Language and Culture, Spanish Literature and Culture or Latin; score of 5, 6 or 7 on an IB HL language B exam.

**College Courses:**

- Grade of C or better in any transferable course(s) (excluding conversation) held by the college to be equivalent to two years of high school language.
- Many colleges list the prerequisites for their second course in language as "Language 1 at this college or two years of high school language." In this case, Language 1 clears both years of the requirement.

**F) Visual and performing arts**

**One yearlong course of visual and performing arts chosen from the following disciplines:**

- Dance, music, theater, visual arts or interdisciplinary arts — or two one-semester courses from the same discipline is also acceptable.

**Exams & coursework that satisfy "F":**

**AP or IB Examination:**

- Score of 3, 4 or 5 on the AP Art History, Art and Design (2-D Art and Design, 3-D Art and Design or Drawing) Music Theory exam; score of 5, 6 or 7 on any one IB HL exam in Dance, Film, Music, Theatre Arts or Visual Arts

**College Courses:**

- Grade of C or better in any transferable course of 3 semester (4 quarter) units that clearly falls within one of four visual/performing arts disciplines: dance, drama/theater, music or visual art

**G) College-preparatory elective**

One year (two semesters) chosen from courses specific to the elective (G) subject area or courses beyond those used to satisfy the requirements of the A-F subjects.

**Exams & coursework that satisfy "G":**

- Requirements
- Freshman requirements
- Subject requirement (A-G)
- GPA requirement
- Admission by exception
- English language proficiency
- California residents
- Out-of-state students

- Home-schooled students
- UC graduation requirements
- Transfer requirements
- International applicants
- AP & Exam credits
- For California students

Look here to see if your courses are A-G approved: <https://hs-articulation.ucop.edu/agcourselist>.

## Four Year Planning

An example of a JCS student who college bound:



### JCS-Family of Schools Four-Year College Bound High School - Four-Year Graduation Plan

UC	CSU	Other
Name:		
Exp. Grad Date:		
EF/Coordinator:		
Date Submitted to Counselor:		
Last Revision Date:		

*Courses accredited by WASC may be considered transferable to other public high schools and courses approved*

by the

University of California or the California State University as creditable under the a-g admissions criteria may be considered to meet college entrance requirements.

Subject Graduation Requirements	9th Grade		10th Grade		11th Grade		12th Grade	
	Subject	(Credits)	Subject	(Credits)	Subject	(Credits)	Subject	(Credits)
<b>CP English</b> (4 Years-40 Credits) (Writing-5 Credits)	English I Writing	(10) (5)	English II	(10)	English III	(10)	Expository Reading & Writing	(10)
<b>CP Math</b> (3 Years-30 Credits) 30 credits must be integrated I or higher	Integrated Math I	(10)	Integrated Math II	(10)	Integrated Math III	(10)	Pre- Calculus or Statistics	10)
<b>CP Social Studies</b> (3 Years-30 Credits)			World History	(10)	US History	(10)	American Government Economics	(5) (5)
<b>CP Science</b> (2 Years-20 Credits) (1 year Physical Science) (1 year Life Science)	Earth and Space	(10)	Biology	(10)	One year Physical Science W/Lab (UC): Chemistry Physics	(10) (10)		
<b>Physical Education</b> (2 Years-20 Credits)	P.E.	(10)	P.E.	(10)				
<b>CP VAPA &amp; CP Foreign Language</b> (CP VAPA: 1 Year-10 Credits) (LOTE: 2 Years-20 Credits)	Spanish I	(10)	Spanish II	(10)			V.A.P.A. (See JCS Course List for CP courses)	(10)
<b>Health/Life Skills</b> (1 Year-10 Credits)	Health Life Skills (See JCS Course List)	(5) (5)						
<b>Electives</b> (45 total credits)	Elective	(10)	Elective	(10)	College Prep Elective Elective	(10) (10)	Elective	(10)
<b>Total Credits to Graduate</b> (220 Credits)	Credits	9th Cumulative	Credits	9th-10th Cumulative	Credits	9th-11th Cumulative	Credits	9th-12th Cumulative
	60	60	60	120	60	180	40	220

College Preparatory Requirements (C or better required to meet a-g) (See JCS Course List for approved courses)	English	Math Through Integrated Math III	U.S. History	World History	Science (w/Lab)	Foreign Language (2 Years of Same Language)	CP Visual & Performing Arts	CP Electives	Student Signature
CSU—California State University (4 <sup>th</sup> year of math recommended)	4	3	1	1	2	2	1	1	Parent Signature
UC—University of California	4	3	1	1	2	2	1	1	

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[Click here](#) for a blank four year plan that you can fill out with your parents, teachers, counselors, or by yourself!