



**A-G Requirements to attend college
in
California**

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|--|---|
| <u>UC</u> | <u>CSU</u> |
| <ul style="list-style-type: none">• Berkeley• Davis• Irvine• Los Angeles• Merced• Riverside• San Diego• San Francisco• Santa Barbara• Santa Cruz• And more | <ul style="list-style-type: none">• Bakersfield• Dominguez Hills• Fresno• Fullerton• Los Angeles• Northridge• Poly Pomona• Sacramento• San Francisco State University• Cal Poly San Luis Obispo• And more |

In order to attend a Cal State or UC Institution there are prerequisites that need to be accomplished throughout high school. These are called the A-G Subject Requirements.

- There are 4 different methods to attain this goal:
- ✓ High School Courses
 - ✓ SAT Subject Examination
 - ✓ Advance Placement (AP) or International Baccalaureate (IB) Examination
 - ✓ College Courses

“a” History/Social Sciences

- High School
 - 2 years required
 - 2 years of history/social science including:
 - 1 year of world history cultures and geography *and*
 - 1 year of U.S. history or 1/2 year of U.S. history and 1/2 year of civics or American government
- SAT Examination
 - U.S. History - Score 550 satisfies 1 year
 - World History - Score 540 satisfies 1 year

“a” History/Social Sciences

- AP or IB
 - AP Exam in order to receive full credit you need to score 3, 4, or 5
 - U.S. History - The AP U.S. History Exam
 - U.S. government - satisfies a 1/2 year
 - World history/cultures/geography - The AP Exam in European History, World History or Human Geography
 - IB Exam in order to receive full credit you need to score 5, 6, or 7
 - IB History of the Americas HL Exam
 - IB History HL or Geography HL Exam

“a” History/Social Sciences

- College Courses
- In both U.S. History/civics/American government AND World history/culture/geography - Grade of C or better in a transferable course of 3 or more semester (4 or more quarter) units in U.S. history, civics or American government AND in world history, cultures and geography.

“b” English

- High School
 - 4 years of college-preparatory English that include literature (modern and classical), reading, brainstorming and frequent writing
 - No more than 1 year of ESL courses
- SAT Examination
 - Writing or Literature - Score of 560 satisfies first 3 years
 - Writing - Score of 680 satisfies entire four-year requirement
- AP or IB
 - AP Exam in order to receive full credit you need to score 3, 4, or 5
 - AP English Language and Composition Exam
 - English Literature and Composition Exam
 - IB Exam in order to receive full credit you need to score 5, 6, or 7
 - Language A1 English HL Exam

“b” English

College Courses

- Grade of C or better in English composition, literature (American or English) or foreign literature in translation satisfy first 3 years -
- Grade of C or better in a transferable course of 3 or more semester (4 or more quarter) units in all the above courses satisfies the 4th year

“c” Mathematics

- High School
 - 3 years required, 4 years recommended
 - College-preparatory mathematics that include:
 - Elementary and advance algebra
 - 2 and 3 dimensional geometry
 - Any other approval math courses may be used
- SAT Examination
 - Mathematics 1C - Score of 570 satisfies entire requirement
 - Mathematics Level 2 - Score of 480 satisfies entire requirement

“c” Mathematics

- AP or IB
 - AP Exam in order to receive full credit you need to score 3, 4, or 5
 - AP Calculus AB
 - Calculus BC
 - Statistics Exam
 - IB Exam in order to receive full credit you need to score 5, 6, or 7
 - IB Mathematics HL Exam
- College Courses
 - Grade C or better in 1 of the following satisfies entire requirement:
 - A transferable math course (intermediate algebra or statistics as a prerequisite)
 - 3 semester (4 quarter) units of nontransferable courses in elementary algebra, geometry, intermediate algebra or trigonometry = 1 year of math requirements with a C or better

“d” Laboratory Science

- High School
 - 2 years required, 3 years recommended:
 - 2 years of laboratory science providing knowledge in 2 or 3 core disciplines:
 - Biology
 - Chemistry
 - Physics
 - Final 2 years of an approved 3-year integrated science program may be used to fulfill this requirement
- SAT Examination
 - Each test clears 1 year:
 - Biology - Score of 540
 - Chemistry - Score of 530
 - Physics - Score of 530

“d” Laboratory Science

- AP or IB
 - AP Exam in order to receive full credit you need to score 3, 4, or 5
 - Any 2 AP Exams in:
 - Biology
 - Chemistry
 - Physics B or Physics C
 - Environmental Science
 - IB Exam in order to receive full credit you need to score 5, 6, or 7
 - Any 2 IB HL Exams in:
 - Biology
 - Chemistry
 - Physics
- College Courses
 - Each year of the requirement, a C or better in transferable course in a:
 - Natural (physical or biological) science with at least 30 hours of laboratory (not demonstration)

“e” Language other than English

- High School
 - 2 years required, 3 years recommended:
 - 2 years of the same language other than English.
 - Courses should emphasize:
 - Speaking
 - Understanding
 - Grammar
 - Vocabulary
 - Reading
 - Composition and
 - Culture
 - Courses taken in 7th and 8th grade may be used if the high school accepts them as equal to its own courses

“e” Language other than English

- SAT Examination
 - Satisfy the entire requirement with any one of the following:
 - Chinese with listening - 520
 - French with listening - 540
 - German with listening - 510
 - Modern Hebrew - 470
 - Italian - 520
 - Japanese with listening - 510
 - Korean with listening - 500
 - Latin - 530
 - Spanish with listening - 520

“e” Language other than English

- AP or IB
 - AP Exam in order to receive full credit you need to score 3, 4, or 5
 - AP Language
 - Literature Exam
 - French
 - German
 - Spanish
 - Latin
 - IB Exam in order to receive full credit you need to score 5, 6, or 7
 - IB Language A2 HL Exam
- College Courses
 - C or better in any transferable course(s) (excluding conversation) held in college = to 2 years of high school language
 - Many college courses as “Language 1” clears both years of the requirement

“1” Visual and Performing Arts

- High School
 - 1 year required
 - 1 year long course of visual and performing arts chosen from
 - Dance
 - Drama/theater
 - Music
 - Visual arts
- SAT Examination - None Available

“1” Visual and Performing Arts

- AP or IB
 - AP Exam in order to receive full credit you need to score 3, 4, or 5
 - AP History of Arts
 - Studio Art
 - Music Theory Exam
 - IB Exam in order to receive full credit you need to score 5, 6, or 7
 - IB HL Exam
 - Dance
 - Film
 - Music
 - Theatre Arts
 - Visual Arts

“1” Visual and Performing Arts

- College Courses
 - Any transferable course of 3 semester (4 quarter) unites that fall within 1 of the 4 visual/performing arts disciplines:
 - Dance
 - Drama/theater
 - Music
 - Visual Art

“g” College Preparatory Elective

- High School
 - 1 year required
 - 1 year (2 semesters) in addition to those required "a-f" above:
 - Visual and performing arts (non-introductory level courses)
 - History
 - Social Sciences
 - English
 - Advance Mathematics
 - Laboratory Science
 - Language other than English (a 3rd year in the language used for the "e" requirement or 2 years of another language)

“g” College Preparatory Elective

- SAT Examination
 - Mathematics Level 2 - Score of 250
 - Writing/English Composition or Literature - Score of 560
 - U.S. History - Score of 550
 - World History - Score 540
 - Science (other than taken "d" requirement) - Same tests/scores as listed above under "d"
 - Language other than English, 3rd year:
 - Chinese with listening - 520
 - French with listening - 540
 - German with listening - 510
 - Modern Hebrew - 470
 - Italian - 520
 - Japanese with listening - 510
 - Korean with listening - 500
 - Latin - 530
 - Spanish with listening - 520
 - Language other than English (other than taken for "e" requirement) - Same tests and scores as listed under "e"

“g” College Preparatory Elective

- AP or IB
 - All AP Exam in order to receive full credit you need to score 3, 4, or 5 in any one AP Exam
 - Computer Science A
 - Computer Science AB
 - Microeconomics
 - Macroeconomics
 - Human Geography
 - Psychology
 - U.S. Government
 - Comparative Government
 - All IB Exam in order to receive full credit you need to score 5, 6, or 7 in any one IB HL Exam
 - Economics
 - Philosophy
 - Psychology
 - Social and Cultural Anthropology
 - Computer Science

“g” Elective

- College Courses
 - C or better in 1 transferable course beyond those listed above as clearing any of the "a-f" requirements or
 - A transferable course having as prerequisite = 2 high school years in a 2nd language or
 - Transferable course = to those that clear the "c", "d" or "e" requirement or
 - Transferable course of 3 or more semester (4 or more quarter) units in
 - History
 - Social Science
 - Visual and Performing Arts
