**A-G courses**

**Source:** [**http://admission.universityofcalifornia.edu/freshman/requirements/a-g-requirements/**](http://admission.universityofcalifornia.edu/freshman/requirements/a-g-requirements/)

*To be considered for admission [to a CA University], you must complete* ***15 year-long high school courses with a grade of C or better — at least 11 of them prior to your senior year.***

*Keep in mind that taking approved 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 SAT, Advanced Placement or International Baccalaureate exams.***

**A) History/social science [PGCHS offers this]**

**UC-approved high school courses**

Two years of history/social science, including:

* one year of world history, cultures and 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

**SAT Subject Examination**

* U.S. History: Score of 550 satisfies one year.
* World History: Score of 540 satisfies one year.

**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. 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 or Human Geography; score of 5, 6 or 7 on the IB History HL or Geography HL exam

**College courses**

* U.S. History/Civics/American Government: 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
* 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[PGCHS offers this]**

**UC-approved high school courses**

* **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.

**SAT Reasoning Examination**

* Writing section: Score of 560 satisfies first three years; score of 680 satisfies entire four-year requirement.

**ACT with Writing**

* Combined English/Writing or English Language Arts (ELA) score of 24 satisfies first three years; score of 30 satisfies entire requirement.

**SAT Subject Examination**

* Literature: Score of 560 satisfies first three years.

**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 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. For lower-division transfer, all courses must be transferable. Literature courses must include substantial work in composition.

**C) Mathematics [PGCHS requires 2 years]**

**UC-approved high school courses**

* **Three years (four years recommended) 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 if the high school accepts them as equivalent to its own courses.

**SAT Subject Examination**

* Math Level 1: Score of 570 satisfies the two years of required elementary and advanced algebra.
* Math Level 2: Score of 480 satisfies the two years of required elementary and advanced algebra.

**AP or IB Examination**

* Score of 3, 4 or 5 on the AP Statistics Exam satisfies elementary and intermediate algebra.
* Score of 3, 4 or 5 on the AP Calculus AB or Calculus BC Exam satisfies three years.
* Score of 5, 6, or 7 on the IB Mathematics HL exam

**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 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 the entire requirement. Freshman applicants cannot satisfy the entire 3-year requirement with a statistics course alone.

**D) Laboratory science [PGCHS does not offer this]**

**UC-approved high school courses**

* **Two years (three years recommended) of laboratory science** providing fundamental knowledge in two of these three foundational subjects: **biology, chemistry and physics.** 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 may be used to fulfill this requirement.

**SAT Subject Examination**

Each test clears one year:

* Biology: Score of 540
* Chemistry: Score of 530
* Physics: Score of 530

**AP or IB Examination**

* Score of 3, 4 or 5 on any two AP Exams 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 au in a natural (physical or biological) science with at least 30 hours of laboratory (not "demonstration")

**E) Language other than English [PGCHS does not offer this]**

**UC-approved high school courses**

* **Two years, or equivalent to the 2nd level of high school instruction, of the same language other than English** are required. (Three years/3rd level of high school instruction recommended). 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. Courses taken in the seventh and eighth grades may be used to fulfill part or all of this requirement if the high school accepts them as equivalent to its own courses.

**SAT Subject Examination**

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 Language A2 HL 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 [PGCHS offers this as an option, not requirement]**

**UC-approved high school courses**

* **One yearlong course of visual and performing arts chosen from the following: dance, drama/theater, music or visual art**

**AP or IB Examination**

* Score of 3, 4 or 5 on the AP History of Art, Studio Art or 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 [PGCHS offers a little of this as an option; most kids have enough electives, or used for overlap credits and we don’t offer most of it at all]**

**UC-approved high school courses**

* **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)

**SAT Subject Examination**

* U.S. History: Score of 550
* World History: Score of 540
* Writing/English Compositions or Literature: Score of 560
* Mathematics Level 2: Score of 520
* Science (other than taken for "d" requirement): Same tests and scores as listed above under "d"

Language Other Than English, third year

* Chinese With Listening: 570
* French/French With Listening: 590
* German/German With Listening: 570
* Modern Hebrew: 500
* Italian: 570
* Japanese With Listening: 570
* Korean With Listening: 550
* Latin: 580
* Spanish/Spanish With Listening: 570
* A second Language Other Than English: Same tests and scores as listed under "e"

**AP or IB Examination**

* Score of 3, 4 or 5 on any one AP Exam in Computer Science A, Computer Science AB, Microeconomics, Macroeconomics, Human Geography, Psychology, U.S. Government or Comparative Government; score of 5, 6 or 7 on any one IB HL exam in Economics, Philosophy, Psychology, Social and Cultural Anthropology, or Computer Science

**College courses**

* Grade of C or better in transferable college courses of at least 3 semester (4 quarter) units beyond those listed above as clearing any of the "a-f" requirements.

**For California students**

* The courses you take to fulfill the subject requirement must be certified by UC as meeting the requirement and must be included on your school's UC-certified course list.