

FRESHMAN ADMISSION

FRESHMAN APPLICANTS : OPTIONS FOR MEETING UC'S MINIMUM A-G SUBJECT REQUIREMENTS

(For students with international academic records, see pages 12–13.)

Subject requirement	Approved A-G high school courses	ACT/SAT examination	AP or IB examination <i>AP score of 3, 4 or 5; IB HL score of 5, 6 or 7</i>	U.S. regionally accredited college/university courses (in person or online) <i>3 or more semester (4 or more quarter) units required*</i>
History (A)	<p>2 years required: Two years of history/social science, including: One year of world history, cultures and historical 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.</p>	<p>SAT Subject Tests: World History: Score of 540 meets one year of the requirement. U.S. History: Score of 550 meets one year of the requirement.</p>	<p>World history/cultures/geography: AP exam in European History, World History or Human Geography or IB HL History or Geography meets one year of the requirement. U.S. history: AP U.S. History or IB HL History of the Americas meets one year of the requirement. Civics/American government: AP Government & Politics: U.S. or Comparative meets a half year of the requirement.</p>	<p>World history/cultures/geography: Letter grade of C or better in a UC-transferable course in world history, world cultures and/or world geography meets one year of the requirement. U.S. history: Letter grade of C or better in a UC-transferable course meets one year of the requirement. American government or civics: Letter grade of C or better in a UC-transferable course meets a half year of the requirement.</p>
English (B) (Composition and literature in the language of instruction)	<p>4 years required: Four years of college-preparatory English composition and literature, integrating: extensive reading of classic and modern literature and content-rich works of nonfiction; frequent writing, from brainstorming to final paper; and practice listening and speaking with different audiences. Only one year of an advanced ESL/ELD course can be used to meet the four-year requirement. A non-ESL/ELD college-prep English course is required in the senior year; a senior-year-level course in English composition/literature is not specifically required.</p>	<p>ACT combined English/Writing or English Language Arts: Score of 24 meets the first three years; score of 30 meets the entire four-year requirement. SAT Writing and Language Test: Score of 31 meets first three years; score of 36 meets entire four-year requirement. SAT Subject Test in Literature: Score of 560 meets first three years.</p>	<p>AP English Language and Composition or AP English Literature and Composition meets all four years of the requirement. IB HL English: Literature (formerly IB Language A1 English) meets all four years of the requirement.</p>	<p>A letter grade of C or better in a nontransferable English composition and literature course meets one of the first three years of the requirement. A letter grade of C or better in a UC-transferable English composition and literature course meets the fourth year and/or the entire requirement.</p>

* In general, each one-term college/university course with the minimum unit value requirement equates to one year of high school instruction. Exception: In most cases, the first-level LOTE course is equivalent to two years of instruction.

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<p>Mathematics (C)</p> <p>UC will accept variations in math pathways, including, but not limited to, the following course sequences, which include integrated math:</p> <p>Alg I + Geom + Alg II Alg I + Geom + Math III Alg I + Math II + Math III Geom + Math II + Math III Geom + Math III Math I + Math II + Math III Math I + Geom + Alg II Math I + Geom + Math III Math I + Math II + Alg II Math I + Math II + Adv Math Math II + Math III</p> <p><i>For detailed information about UC's geometry requirement see page 17.</i></p>	<p>3 years required:</p> <p>Three years of college-preparatory math, including or integrating the topics covered in elementary and advanced algebra and two- and three-dimensional geometry.</p> <p>Math courses completed in the seventh and/ or eighth grades and approved integrated math courses may be used to meet part or all of this requirement.</p> <p>A math course (e.g., algebra) taken over three or four semesters is acceptable; it will earn only one year of credit.</p>	<p>SAT Subject Tests:</p> <p>Math Level 1: Score of 570 meets the two years of required elementary and advanced algebra (but not geometry).</p> <p>Math Level 2: Score of 480 meets the two years of required elementary and advanced algebra (but not geometry).</p>	<p>AP Statistics meets two years of the requirement (but not geometry).</p> <p>AP Calculus AB or AP Calculus BC meets two years of the requirement (but not geometry).</p> <p>IB HL Mathematics meets two years of the requirement (but not geometry).</p>	<p>Letter grade of C or better in each non-UC-transferable course in elementary algebra, geometry or intermediate/advanced algebra meets one year of the requirement.</p> <p>Letter grade of C or better in a UC-transferable course that has advanced algebra as a prerequisite meets the elementary and advanced algebra requirements, as does a nontransferable course in trigonometry.</p> <p>The full three-year requirement cannot be met with statistics alone.</p>
<p>Laboratory science (D)</p> <p>Biology/Life Sciences Biology/Earth & Space Sciences Chemistry Chemistry/Earth & Space Sciences Earth and Space Sciences Integrated Science Integrated Science 1 Integrated Science 2 Integrated Science 3 Interdisciplinary Sciences Physics Physics/Earth & Space Sciences</p> <p>Science disciplines approved only for the 3rd or 4th year of lab science: Applied Science Computer Science Engineering</p>	<p>2 years required</p> <p>Two years of laboratory science providing fundamental knowledge in two of the following: biology, chemistry and physics, or one year of either biology, chemistry or physics and one year from one other approved lab science discipline except Applied Science, Computer Science or Engineering.</p>	<p>SAT Subject Tests:</p> <p>The following scores each meet one year of the requirement: Score of 540 in Biology (Ecological or Molecular) Score of 530 in Chemistry Score of 530 in Physics</p>	<p>Any two AP exams from different disciplines: Biology, Chemistry, Environmental Science or Physics (C: Electricity & Magnetism; C: Mechanics; Physics 1; or Physics 2) meet the minimum two-year requirement.</p> <p>Any two IB HL exams in Biology, Chemistry or Physics meet the minimum two-year requirement.</p>	<p>Letter grade of C or better in a UC-transferable course in biology, chemistry or physics, or other lab science courses such as anatomy, physiology or environmental science, with at least 30 hours of laboratory work (not "demonstration") is required of each course to meet one year of this subject area requirement. Courses must fall under one of the approved lab science disciplines, except Applied Science, Computer Science or Engineering.</p>

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Language other than English (LOTE) (E) (Non-language of instruction)	2 years or through the second level of high school instruction required: Two years of the same language, or coursework equivalent to the second level of high school instruction, including emphasis on speaking and understanding, development of awareness and understanding of the cultural context around the target language, practice with reading and composition, and instruction on grammar and vocabulary. Language courses taken in seventh and/or eighth grades may be used to meet part of this requirement. American Sign Language and classical languages, such as Latin and Greek, are acceptable.	SAT Subject Tests: The following scores meet the entire requirement: Score of 520 in Chinese With Listening Score of 540 in French/French With Listening Score of 510 in German/German With Listening Score of 520 in Italian Score of 510 in Japanese With Listening Score of 500 in Korean With Listening Score of 530 in Latin Score of 470 in Modern Hebrew Score of 520 in Spanish/Spanish With Listening	AP Language & Culture exam in Chinese, French, German, Italian, Japanese, Spanish or Spanish Literature & Cultures, or Latin or Any IB HL Language B exam meets the two-year requirement.	Letter grade of C or better in any UC-transferable course(s) (excluding conversation) equivalent to two years (second level) of high school language instruction.
Visual and performing arts (F) <i>Non-California secondary/high schools: See hs-articulation.ucop.edu/guide/a-g-subject-requirements/f-visual-performing-arts for details about acceptable VPA coursework.</i>	1 yearlong course or 2 semester courses from the same discipline required: One year chosen from the following disciplines: dance, interdisciplinary arts, music, theater or visual art. A single course taken over two academic years is acceptable.	No examination meets this requirement.	AP Art History, Studio Art (2-D, 3-D or Drawing) or Music Theory meets the one-year requirement. IB HL Dance, Film, Music, Theatre Arts or Visual Arts meets the one-year requirement.	Letter grade of C or better in any UC-transferable college course (in person or online) that clearly falls within one of five visual/performing arts disciplines: dance, interdisciplinary arts, music, theater or visual arts. Many California community college courses identified as meeting the Arts (Area 3A) requirement of the Intersegmental General Education Transfer Curriculum meet the VPA requirement.
Additional college-preparatory elective (G)	1 year required: One year (two semesters) in addition to those required in A-F areas above or One year (two semesters) approved in the elective category.	SAT Subject Test: Any exam listed above with the score indicated (except Math Level 1) meets the one-year requirement.	Any AP exam listed above, in addition to AP Computer Science, Computer Science Principles, Microeconomics, Macroeconomics or Psychology or Any IB HL Exam listed above, in addition to Computer Science, Economics, Philosophy, Psychology, or Social and Cultural Anthropology each meets the one-year requirement.	Letter grade of C or better in any UC-transferable course beyond the minimum required number of courses in any of the A-F areas above or a course that falls within the elective (G) category.

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