

# FRESHMAN ADMISSION

## Geometry requirement

To satisfy the mathematics (“c”) subject requirement, students must complete either one yearlong course in geometry or one yearlong course as part of an integrated mathematics sequence that includes sufficient geometry (e.g., Math II).

**Middle/junior high school courses:** UC allows students to self-report on the admission application a geometry course or a

sequence of integrated-style math courses completed in grade 7 or 8 to meet the mathematics (“c”) subject requirement. We do not require the submission of a middle school transcript, nor are high schools required to list middle/junior high school math courses on high school transcripts.

For information about validation of a geometry course omission or deficient grade, see page 20.

## FRESHMAN APPLICANTS : OPTIONS FOR SATISFYING UC’S MINIMUM “A-G” SUBJECT REQUIREMENTS

(For students with international academic records, see pages 16–17.)

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 grade of 5, 6 or 7</i>	U.S. regionally accredited college/university courses <i>3 or more semester (4 or more quarter) units required*</i>
<b>History/ social science (“a”)</b>	<p><b>2 years required:</b> Two units (equivalent to two years) of history/social science, including:</p> <p>One year of world history, cultures and historical geography</p> <p><b>and</b></p> <p>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><b>SAT Subject Tests:</b></p> <p><b>World History:</b> Score of 540 satisfies one year of the requirement.</p> <p><b>U.S. History:</b> Score of 550 satisfies one year of the requirement.</p>	<p><b>World history/ cultures/geography:</b> AP exam in European History, World History or Human Geography</p> <p><b>or</b></p> <p>IB HL History or Geography satisfies one year of the requirement.</p> <p><b>U.S. history:</b> AP U.S. History or IB HL2 History of the Americas satisfies one year of the requirement.</p> <p><b>Civics/American government:</b> AP Government &amp; Politics: U.S. or Comparative satisfies a half year of the requirement.</p>	<p><b>World history/ cultures/geography:</b> Grade of C or better in a UC-transferable course in world history, world cultures and/or world geography satisfies one year of the requirement.</p> <p><b>U.S. history:</b> Grade of C or better in a UC-transferable course satisfies one year of the requirement.</p> <p><b>American government or civics:</b> Grade of C or better in a UC-transferable course satisfies a half year of the requirement.</p>
<b>English (“b”) (Composition and literature in the language of instruction)</b>	<p><b>4 years required:</b> Four units (equivalent to 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.</p> <p>No more than one year of an 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><b>ACT combined English/Writing or English Language Arts:</b> Score of 24 satisfies the first three years; score of 30 satisfies the entire four-year requirement.</p> <p><b>SAT (old) Writing section:</b> Score of 560 satisfies first three years; score of 680 satisfies entire four-year requirement.</p> <p><b>SAT Writing and Language Test (new):</b> Score of 31 satisfies first three years; score of 36 satisfies entire four-year requirement.</p> <p><b>SAT Subject Test in Literature:</b> Score of 560 satisfies first three years.</p>	<p><b>AP English Language and Composition or AP English Literature and Composition</b> satisfies all four years of the requirement.</p> <p><b>IB HL English: Literature</b> (formerly IB Language A1 English) satisfies all four years of the requirement.</p>	<p>A grade of C or better in a UC-transferable or nontransferable English composition and literature course satisfies one of the first three years of the requirement.</p> <p>A course used to satisfy the fourth year and/or the entire requirement must be UC-transferable.</p>

\* Each one-term college/university course with the minimum unit value requirement equates to one year of high school instruction.

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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 grade of 5, 6 or 7</i>	U.S. regionally accredited college/ university courses  <i>3 or more semester (4 or more quarter) units required*</i>
<p><b>Mathematics ("c")</b></p> <p>UC will accept variations in math transition pathways, including but not limited to, the following course sequences, which include integrated math:</p> <p>Alg I + Geom + Math III</p> <p>Alg I + Math I + Math II + Math III</p> <p>Geom + Math II + Math III</p> <p>Geom + Math III</p> <p>Math I + Math II + Math III</p> <p>Math I + Geom + Alg II</p> <p>Math I + Geom + Math III</p> <p>Math I + Math II + Alg II</p> <p>Math I + Math II + Adv Math</p> <p>Math II + Math III</p> <p><i>For detailed information about UC's geometry requirement see page 13.</i></p>	<p><b>3 years required, 4 years strongly recommended:</b></p> <p>Three units (equivalent to 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 satisfy 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><b>SAT Subject Tests:</b></p> <p><b>Math Level 1:</b> Score of 570 satisfies the two years of required elementary and advanced algebra.</p> <p><b>Math Level 2:</b> Score of 480 satisfies the two years of required elementary and advanced algebra.</p>	<p><b>AP Statistics</b> satisfies elementary and advanced algebra (but not geometry).</p> <p><b>AP Calculus AB or AP Calculus BC</b> satisfies two years of the requirement (but not geometry).</p> <p><b>IB HL Mathematics</b> satisfies two years of the requirement (but not geometry).</p>	<p>Grade of C or better in a non-UC-transferable course (in person or online) in elementary algebra, geometry or intermediate/ advanced algebra satisfies one year of the requirement.</p> <p>Grade of C or better in a UC-transferable course that has advanced algebra as a prerequisite satisfies 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><b>Laboratory science ("d")</b></p>	<p><b>2 years required, 3 years strongly recommended:</b></p> <p>Two units (equivalent to 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 of environmental science (or another interdisciplinary science course).</p> <p>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 can also satisfy this requirement.</p>	<p><b>SAT Subject Tests:</b></p> <p>The following scores each satisfy one year of the requirement:</p> <p>Score of 540 in <b>Biology</b> (Ecological or Molecular)</p> <p>Score of 530 in <b>Chemistry</b></p> <p>Score of 530 in <b>Physics</b> (Electrical &amp; Magnetic/ Mechanical) exam (taken before May 2014)</p>	<p><b>Any two AP exams from different disciplines: <b>Biology, Chemistry, Environmental Science or Physics</b></b> (B or C: Electricity &amp; Magnetism, C: Mechanics, Physics 1 or Physics 2) satisfy the minimum two-year requirement.</p> <p>Any two IB HL exams in <b>Biology, Chemistry or Physics</b> satisfy the minimum two-year requirement.</p>	<p>For each year of the requirement, a grade of C or better in a UC-transferable course in biology, chemistry or physics with at least 30 hours of laboratory work (not "demonstration") is required.</p>

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<p><b>Language other than English (LOTE) ("e")</b></p> <p>(Non-language of instruction/ foreign language)</p> <p><i>For information about bilingual students who elect not to take LOTE, see page 17.</i></p>	<p><b>2 units (equivalent to 2 years or through the second level of high school instruction) required, 3 units (equivalent to 3 years or through the third level of high school instruction) recommended:</b></p> <p>Two years of the same language, 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.</p> <p>Language courses taken in seventh and/or eighth grades may be used to satisfy part of this requirement.</p> <p>American Sign Language and classical languages, such as Latin and Greek, are acceptable.</p>	<p><b>SAT Subject Tests:</b> The following scores satisfy the entire requirement:</p> <p>Score of 520 in <b>Chinese With Listening</b></p> <p>Score of 540 in <b>French/ French With Listening</b></p> <p>Score of 510 in <b>German/ German With Listening</b></p> <p>Score of 520 in <b>Italian</b></p> <p>Score of 510 in <b>Japanese With Listening</b></p> <p>Score of 500 in <b>Korean With Listening</b></p> <p>Score of 530 in <b>Latin</b> (for exam given before May 2013)</p> <p>Score of 470 in <b>Modern Hebrew</b></p> <p>Score of 520 in <b>Spanish/ Spanish With Listening</b></p>	<p><b>AP Language &amp; Cultures exam</b> in Chinese, French, German, Italian, Japanese, Spanish or Spanish Literature &amp; Cultures, or Latin</p> <p><b>or</b></p> <p>Any <b>IB HL Language B</b> exam satisfies the entire requirement.</p>	<p>Grade of C or better in any UC-transferable course(s) (excluding conversation) equivalent to two years of high school language instruction.</p>
<p><b>Visual and performing arts ("f")</b></p> <p><i>Non-California secondary/high schools: See <a href="http://ucop.edu/agguide/a-g-requirements/f-visual-performing-arts">ucop.edu/agguide/a-g-requirements/f-visual-performing-arts</a> for details about acceptable VPA coursework.</i></p>	<p><b>1 unit (equivalent to 1 year or 2 semester courses from the same discipline) required:</b></p> <p>One year chosen from the following disciplines: dance, music, theater, visual arts (e.g., painting, web/graphic design, film/video, inter/multimedia arts).</p> <p>A single course taken over two academic years is acceptable if it is taken in sequential order.</p>	<p>No examination satisfies this requirement.</p>	<p><b>AP Art History, Studio Art (2-D, 3-D or Drawing) or Music Theory</b> satisfies the one-year requirement.</p> <p><b>IB HL Dance, Film, Music, Theatre Arts or Visual Arts</b> satisfies the one-year requirement.</p>	<p>Grade of C or better in any UC-transferable college course (in person or online) that clearly falls within one of four visual/performing arts disciplines: dance, music, theater or visual arts.</p>
<p><b>Additional college-preparatory elective ("g")</b></p>	<p><b>1 unit required:</b></p> <p>One year (two semesters) in addition to those required in "a-f" areas above</p> <p>or</p> <p>One year (two semesters) approved in the elective category.</p>	<p><b>SAT Subject Test:</b> Any exam listed above with the score indicated (except Math Level 1) satisfies the one-year requirement.</p>	<p>Any AP exam listed above, in addition to <b>AP Computer Science, Computer Science Principles, Microeconomics, Macroeconomics or Psychology</b></p> <p><b>or</b></p> <p>Any IB HL Exam listed above, in addition to <b>Computer Science, Economics, Philosophy, Psychology, or Social and Cultural Anthropology</b> each satisfies the one-year requirement.</p>	<p>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</p> <p><b>or</b></p> <p>a course that falls within the elective area ("g") category.</p>

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