

Options for Satisfying UC's "A-G" Subject Requirements for Freshman Applicants Applying for 2009–10

Subject Requirement	UC-Approved High School Courses ¹	SAT Examination	AP or IB Examination	College Courses
"a" History/ Social Sciences	<p>2 years required:</p> <p>Two years of history/social science, including:</p> <ul style="list-style-type: none"> • one year of world history, cultures and geography <i>and</i> • one year of U.S. history or one-half year of U.S. history and one-half year of civics or American government (must focus on federal level) <p>All history courses should promote historical understanding and critical thinking and encourage analysis that requires going beyond the facts.</p>	<p>U.S. History Subject Exam: Score of 550 satisfies one year.</p> <p>World History Subject Exam: Score of 540 satisfies one year.</p>	<p>U.S. history: Score of 3, 4 or 5 on the AP U.S. History Exam or score of 5, 6 or 7 on the IB History of the Americas HL exam satisfies one year.</p> <p>U.S. government: Score of 3, 4 or 5 on the AP Exam satisfies a half year.</p> <p>World history/cultures/geography: Score of 3, 4 or 5 on the AP Exam in European History, World History or Human Geography, or score of 5, 6 or 7 on the IB History HL or Geography HL exam satisfies one year.</p>	<p>U.S. history/civics/American government: Grade of C or better in a transferable course of 3 semester (4 quarter) units in U.S. history, civics or American government</p> <p>World history/cultures/geography: Grade of C or better in a transferable course of 3 semester (4 quarter) units in world history, cultures and geography</p>
"b" English	<p>4 years required:</p> <p>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.</p> <p>ELD courses can be approved with or without limitations.</p>	<p>Reasoning Test Writing section (or SAT II: Writing, taken before spring 2005): Score of 560 satisfies first three years; score of 680 satisfies entire four-year requirement.</p> <p>Literature Subject Exam: Score of 560 satisfies first three years.</p>	<p>Score of 3, 4 or 5 on the AP English Language and Composition or English Literature and Composition Exam satisfies one year.</p> <p>Score of 5, 6 or 7 on the IB Language A1 English HL exam satisfies one year.</p>	<p>For each year of the requirement, a grade of C or better in a course of 3 semester (4 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 to UC. Literature courses must include substantial work in composition.</p>
"c" Mathematics	<p>3 years required, 4 years recommended:</p> <p>Three years 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.</p>	<p>Mathematics Level 1 Subject Exam: Score of 570 satisfies entire requirement.</p> <p>Mathematics Level 2 Subject Exam: Score of 480 satisfies entire requirement.</p>	<p>Score of 3, 4 or 5 on the AP Statistics Exam satisfies Algebra 1 and 2.</p> <p>Score of 3, 4 or 5 on the AP Calculus AB or Calculus BC Exam satisfies entire requirement.</p> <p>Score of 5, 6 or 7 on the IB Mathematics HL exam satisfies entire requirement.</p>	<p>Grade of C or better in a transferable mathematics course that has intermediate algebra as a prerequisite satisfies the entire requirement. Freshman applicants cannot fulfill this requirement with statistics.</p> <p>A grade of C or better in a nontransferable course of 3 semester (4 quarter) units in elementary algebra, geometry, intermediate algebra or trigonometry fulfills one year of the mathematics requirement.</p>

¹ In addition to these options, current UC policy stipulates that UC will accept courses offered through UCCP Online and Cyber High. UC also honors online courses offered by other providers if, and only if, the high school principal certifies that the course is comparable to other college-preparatory courses offered at the high school. The principal should demonstrate certification by listing the course on the student's transcript, including the institution/provider through which the course was taken, the number of units and the grade(s) earned. Online courses in laboratory science and visual and performing arts are not accepted. For more information, please see www.ucop.edu/doorways/a-gGuide.

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"d" Laboratory Science	2 years required, 3 years recommended: Two years 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 may be used to fulfill this requirement.	Each Subject Exam clears one year: Biology: Score of 540 Chemistry: Score of 530 Physics: Score of 530	Score of 3, 4 or 5 on an AP Exam in Biology, Chemistry, Physics B or C, and Environmental Science satisfies one year; score of 3, 4 or 5 on any two tests satisfies the entire requirement. Score of 5, 6 or 7 on an IB HL exam in Biology, Chemistry or Physics satisfies one year; score of 5, 6 or 7 on any two tests satisfies the entire requirement.	For each year of the requirement, a grade of C or better in a transferable course in a natural (physical or biological) science with at least 30 hours of laboratory (not "demonstration")
"e" Language Other Than English	2 years required, 3 years recommended: Two years of the same language other than English. Courses should emphasize speaking and understanding, and include instruction in grammar, vocabulary, reading, composition and culture. Courses in a language other than English taken in the seventh and eighth grades may be used to fulfill part of this requirement if the high school accepts them as equivalent to its own courses. See page 4 for additional methods of certifying proficiency.	Any of the following Subject Exams satisfies 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	Score of 3, 4 or 5 on the AP Language or Literature Exam in Chinese, French, German, Italian, Japanese, Spanish or Latin satisfies entire requirement. Score of 5, 6 or 7 on an IB Language A2 HL exam satisfies entire requirement.	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	1 year required: One yearlong course of visual and performing arts chosen from dance, drama/theater, music or visual art Course must address all 5 strands of the state VPA standards (www.cde.ca.gov/be/st/ss/index.asp) and include work outside of the classroom.		Score of 3, 4 or 5 on the AP History of Art, Studio Art or Music Theory Exam satisfies entire requirement. Score of 5, 6 or 7 on any one IB HL exam in Dance, Film, Music, Theatre Arts or Visual Arts satisfies entire requirement.	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

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<p>"g" College-Preparatory Elective</p>	<p>1 year required: 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)</p>	<p>Any of the following Subject Exams satisfies the requirement: U.S. History: Score of 550 World History: Score of 540 Literature (or SAT Reasoning Test Writing section): Score of 560 Mathematics Level 2: Score of 520 Science (other than taken for "d" requirement): Same tests/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"</p>	<p>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 satisfies requirement. Score of 5, 6 or 7 on any one IB HL exam in Economics, Philosophy, Psychology, Social and Cultural Anthropology, or Computer Science satisfies requirement.</p>	<p>Grade of C or better in one transferable course beyond those listed above as clearing any of the "a-f" requirements; or a transferable course having as prerequisite the equivalent of two high school years in a second language; or a transferable course equivalent to those that clear the "c," "d" or "e" requirement; or a transferable course of 3 or more semester (4 or more quarter) units in history, social science, or visual and performing arts</p>

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Documenting Certification of Language Other Than English

Method	Guidance	Documentation
Formal Schooling in a Language Other Than English	Students who have completed two years of formal instruction in a school where a language other than English was used as a medium of instruction beginning in grade six or later have met the LOTE requirement. Consecutive enrollment is not required.	School transcript or other official document
Assessment by a University	Most language departments at universities will conduct an assessment and issue a statement of competency on official letterhead, which would serve as certification. Search university websites to learn if they have a department in that area and contact them by phone to request an appointment to have an assessment conducted.	For ELC, the Notes section of the high school transcript can show the assessment of proficiency level. (Example: "Competency in Portuguese equivalent to two years of college-prep Portuguese certified by the Department of Spanish and Portuguese at UC Berkeley on March 12, 2006.")
Certification by High School Principal	Principals should develop and maintain clear standards for providing this certification. Certification should be based on the judgment of language teachers, advice of professional or cultural organizations with an interest in maintaining language proficiency, or other appropriate source of expertise. Language placement examinations or other similar assessments may be used.	For ELC, the Notes section of the high school transcript can show the principal's certification of competency with the language and level. (Example: "Competency in Spanish equivalent to two years of college-prep Spanish certified by Principal Jones on March 12, 2006.") If level is not given, only one year credit will be granted.