

## A–G and Cal-GETC: Intersections

**How existing data from ASSIST can be used to map Dual Enrollment coursework to fulfill A-G for UC admission eligibility.**

*Not intended to be inclusive of all Dual Enrollment courses nor all transferable courses listed in ASSIST. Please note this document does not list all UC-transferable courses that may satisfy A–G; additional UC-transferable courses in ASSIST, including those meeting Cal-GETC or UC areas, may also apply.*

<b><u>A-G Subject Area</u></b>	<b>Course Designation in <u>ASSIST</u></b>	<b>UC A-G REQUIREMENT Grade of C (2.0) or better required</b>
<p><b>History/Social Science (A)</b> Two years of history, including:</p> <ul style="list-style-type: none"> <li>→ One year of World History, Cultures or Historical Geography (may be a single yearlong course or two one-semester courses), <b>and</b></li> <li>→ One year of U.S. History, or one-half year of U.S. History and one-half year of Civics or American Government</li> </ul>	<p><b>Cal-GETC Area 3B: Humanities</b> <i>Acceptable Humanities courses are those that encourage students to analyze and appreciate works of philosophical, historical, literary, aesthetic, religious and cultural importance.</i></p> <p><b>Cal-GETC 4: Social &amp; Behavioral Sciences</b> <i>Courses provide students with the opportunity to gain a basic knowledge of the cultural and social organizations in which they exist as well as the behavior and social organizations of other human societies.</i></p> <p><b>UC-B Social and Behavioral Sciences</b></p> <p><b>UC-H Arts and Humanities</b></p>	<p><b>Cal-GETC Area 3B or Area 4</b> courses with a clear world or U.S. history focus <i>and</i> offered by a history department will meet the respective world history and/or U.S. History requirement for the History/Social Science (A) first-year admission requirement.</p> <p><b>UC-B or UC-H</b> courses with a clear world or U.S. history focus <i>and</i> offered by a history department will meet the respective world history and/or U.S. History requirement for the History/Social Science (A) first-year admission requirement.</p> <p>A CCC course with current approvals in 3B, 4, UC-B, and/or UC-H taught outside a history department, but which is cross-listed with a U.S. or world history course, will also meet one of the two years of the History/Social Science (A) first-year admission requirement.</p>
<p><b>English (B)</b> Four years of college-preparatory English that include frequent writing, from brainstorming to final paper, as well as reading of</p>	<p><b>Cal-GETC Area 1A: English Composition</b> <i>Area 1A and its primary activities involve the practices of academic writing. The instructional goal of the course</i></p>	<p><b>Cal-GETC Area 1A or Area 1B</b> courses meet the fourth year and/or the entire English (B) first-year admission requirement.</p>

<p>classic and modern literature. No more than one year of ESL-type courses can be used to meet this requirement.</p>	<p><i>is to help students practice recursive stages of writing, and to teach students how to make informed decisions in response to varied writing situations—student abilities that transfer to writing across the curriculum.</i></p> <p><b>Cal-GETC Area 1B: Critical Thinking and Composition</b> <i>Area 1B emphasizes the development and refinement of critical thinking skills necessary to evaluate and produce academic and argumentative writing.</i></p> <p><b>UC-E English Composition</b></p>	<p><b>UC-E</b> courses meet the fourth year and/or the entire English (B) first-year admission requirement.</p>
<p><b>Mathematics (C)</b> Three years of college-preparatory Mathematics that include the topics covered in Elementary and Advanced Algebra and Two- and Three-Dimensional Geometry; a fourth year of Math is strongly recommended.</p> <p>→ A Geometry course or an Integrated Math course with a sufficient amount of Geometry content must be completed.</p> <p>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><b>Cal-GETC Area 2A: Mathematical Concepts and Quantitative Reasoning</b> <i>Includes courses in Mathematics, Statistics, or other Quantitative disciplines.</i></p> <p><b>UC-M Mathematical Concepts and Quantitative Reasoning</b></p>	<p>A <b>Cal-GETC Area 2A</b> approved course will meet one year of the Math (C) first-year admission requirement, excluding Geometry.</p> <p>A <b>UC-M</b> approved course will meet one year of the Math (C) first-year admission requirement, excluding Geometry.</p> <p><b>Validation:</b> Cal-GETC Area 2A and UC-M courses that <i>will validate</i> the omission of Algebra II or Integrated Mathematics III are Calculus, Pre-Calculus, Differential Equations, Linear Algebra, and College Algebra. All other Area 2A courses <i>do not validate</i> Algebra II or Integrated Mathematics III.</p> <p><b>Additional considerations</b> While not appropriate for Cal-GETC 2A or UC-M and often not transferable to UC, college-level trigonometry courses will meet one year of the Math (C) first-year admission requirement, excluding</p>

		<p>Geometry. These courses also validate Algebra II or Integrated Math III.</p> <p>Computer science courses, no matter their Cal-GETC transferability approvals, are only appropriate to meet the College-Prep Elective (G) first-year admission requirement.</p>
<p><b>Science (D)</b> Two years of college-preparatory Science, including or integrating topics that provide fundamental knowledge in two of these three subjects: Biology, Chemistry, or Physics. One year of approved interdisciplinary or Earth and Space Sciences coursework can meet one year of the requirement. Engineering and Applied Science courses can be used in Area D as an additional science (i.e., third year and beyond).</p> <p><b>20% of class time should incorporate laboratory activities appropriate to the discipline.</b></p>	<p><b>Cal-GETC Area 5: Physical and Biological Sciences.</b> <i>Courses that focus on the core concepts of a physical or biological science discipline (e.g., observation, hypothesis testing, evidence-based reasoning, introduction, and application of fundamental theoretical principles).</i> <i>A 5A or 5B course may also be approved for UC-S. However, a UC-S approval alone is not sufficient for a course to qualify for Area D for first-year admission.</i></p>	<p><b>Cal-GETC Area 5A and 5B courses with a laboratory (Area 5C)</b> will meet one year of the Science (D) first-year admission requirement.</p> <p>For two Area 5 courses to meet the two-year Science (D) admission requirement, one course must be taken in 5A and one in 5B; both must have a laboratory (5C) component. The associated 5C course may be a separate lab or co-requisite but must be a required portion of the course.</p> <p><b>Additional considerations</b> Cal-GETC 5A or 5B courses taught outside of the departments or not primarily grounded in the core concepts of the biology, physics or chemistry disciplines (lacking BIO, PHYS, and CHEM prefixes and department codes) are interdisciplinary as far as Area D is concerned. These courses may fulfill one of the required two Area D courses provided they have a laboratory (5C) component.</p> <p>Computer science courses, no matter their Cal-GETC transferability approvals, are only appropriate to meet the College-Prep Elective (G) first-year admission requirement.</p>

<p><b>Language Other Than English—LOTE (E)</b> Two years, or equivalent to the 2nd level of high school instruction, of the same language other than English (LOTE) are required. 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, as are Native American languages. 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.</p>	<p><b>IGETC Area 6A: Language Other Than English</b> Courses that are equivalent to or exceed two years of high school level instruction.</p> <p><i>No corresponding Cal-GETC area</i></p>	<p>An <b>IGETC Area 6A</b> course will meet the entire Language Other than English (E) first-year admission requirement.</p> <p>UC-transferable courses in ASSIST with the following footnote: “<i>Corresponds to two years of high school study</i>” or any language instruction courses above the initial footnoted course will meet the entire Language Other than English (E) first-year admission requirement. Such courses could include “Spanish for Spanish speakers.”</p>
<p><b>Visual and Performing Arts (F)</b> One year-long course of Visual and Performing Arts chosen from the following disciplines: Dance, Music, Theater, Visual Arts or Interdisciplinary Arts—or two one-semester courses from the same discipline is also acceptable.</p>	<p><b>Cal-GETC Area 3A: Arts</b> Major emphasis on the integration of History, Theory, Aesthetics, and Criticism. Performance and studio classes may be credited toward satisfaction of this subject area if their major emphasis is the integration of History, Theory, Aesthetics, and Criticism (e.g., courses in Dance History, Film Art, History of Architecture, History of Modern Art, the History of or Introduction to Theatre, Multicultural Theatre, Music History, the Jazz Experience, Music Theory and Analysis).</p>	<p>A <b>Cal-GETC Area 3A</b> course will meet the Visual and Performing Arts (F) first-year admission requirement.</p>

<p><b>College-Preparatory Elective (G)</b> One year (two semesters) chosen from courses specific to the elective (G) subject area or courses beyond those used to satisfy the requirements of the A-F subjects.</p>	<p><b>Any Cal-GETC designation</b>  <b>Any UC eligibility area designation (UC-B, UC-H, UC-M, UC-E, UC-S)</b></p>	<p><b>Any course approved for Cal-GETC or a UC transfer admission eligibility area</b> can be used to meet the College-Prep Elective (G) first-year admission requirement.</p> <p><b>Additional considerations</b> UC-transferable courses without a Cal-GETC or UC transfer admissions eligibility area cannot be used to meet Area G.</p> <p>Computer science courses, no matter their Cal-GETC transferability approvals, are only appropriate to meet the first-year College-Prep Elective (G) admission requirement.</p>
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## FAQs

### What is the best way to verify the Cal-GETC area of UC-transferable CCC courses?

The ASSIST.org website is the official transfer and articulation system for California colleges and universities. For the purpose of using Cal-GETC courses to meet A-G, use the following steps:

1. Visit [assist.org](https://www.assist.org)
2. Search for transferable courses by academic year and community college
3. Select the “Cal-GETC for UC and CSU” or the “UC Transferable Courses” list
4. Various display options will appear. Both lists will indicate Cal-GETC area, if applicable.

### Can a Cal-GETC approved course that is worth less than 3 semester (4 quarter units) be used to meet an A-G requirement?

For any college course to meet an A-G requirement, it must be worth at least 3 semester (4 quarter) units each. Even if approved for an appropriate Cal-GETC area, courses worth less than 3 semester (4 quarter) units cannot be used toward the A-G requirements.

Exception: In order for Cal-GETC 5A and/or 5B courses to meet the first-year Science (D) admission requirement, they must have a laboratory (5C) component. The associated 5C course may be a separate lab or co-requisite but must be completed in order to satisfy the laboratory work required for Area D. While 5C lab courses are often worth less than 3 semester (4 quarter) units, they may be used toward the Area D requirement in conjunction with the corresponding 5A/5B course. Note that courses at some colleges may have both the 5A/5B and 5C area designation; in these instances, the required laboratory component is satisfied.

### **What if I took a UC-transferable course at a California community college that is not Cal-GETC approved?**

UC-transferable courses without a Cal-GETC or UC transfer admissions eligibility area may be used toward meeting A-G admission requirements if the course:

- Is worth at least 3 semester or 4 quarter units (each);
- Falls within an A-G subject area;
- Meets the course content guidelines as noted in the [A-G Policy Guide](#); and
- Is taken for a letter grade, and a grade of C or better is earned.

It is important to note, not all UC-transferable courses can satisfy A-G requirements. Upon enrollment at UC, you may still be awarded college credit for any UC-transferable coursework completed in high school, regardless if the course was used to fulfill A-G requirements for first-year admission.

### **What if I took a college course outside of a California community college?**

College courses completed outside of a California community college may fulfill an A-G requirement if:

- The college is accredited by one of the seven former regional accrediting agencies;
- The course is UC-transferable (exceptions for English and math only); [see UC's transfer credit practices](#)
- The course is worth at least 3 semester or 4 quarter units (each);
- The course clearly falls within an A-G subject area; **and**
- The course is taken for a letter grade, and a grade of C or better is earned.

While we are unable to pre-evaluate college courses for A-G, you can use these general guidelines to determine if the course is appropriate to meet any of the A-G subject requirements.

### **Does this guidance supersede the A-G approvals previously listed on the 2013–14 CCC course lists?**

Yes, this updated guidance for Cal-GETC coursework will supersede any prior A-G classifications reflected on the 2013–14 CCC course lists. While the 2013–14 community college A-G lists were a valuable resource for verifying CCC course applicability for A-G in the past, these lists are now outdated. As such, we encourage the use of this Intersections document and other [dual enrollment resources](#) to support your work with students.

### **How can counselors make informed decisions about selecting CCC courses that best support A-G completion?**

California Community Colleges offer a wide range of courses. While many are UC-transferable, not all UC-transferable courses satisfy A-G requirements. Given that we are unable to pre-evaluate all CCC courses for this purpose, UC provides tools such as this Intersections document and other [dual enrollment resources](#) to help counselors determine whether a CCC course may be used to meet an A-G requirement. When additional assurance is needed, focusing on Cal-GETC area courses can help counselors select the most appropriate options for their students.