



**INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)**  
**EL CAMINO COLLEGE**  
**COUNSELING DIVISION**



The Intersegmental General Education Transfer Curriculum (IGETC) is one of the lower division general education course requirement options available to students who intend to transfer to a campus of the University of California (UC) or the California State University (CSU). Depending on the student's choice of UC or CSU campus and the major, other options available are the UC campus-specific breadth pattern, the CSU lower division general education certification pattern, or CSU campus-specific general education or breadth pattern. It is strongly recommended that students complete IGETC prior to transfer and obtain IGETC certification. All UC and CSU campuses will accept the completed IGETC to satisfy all lower division general education requirements.

Students pursuing majors such as Engineering, Haas School of Business at UC Berkeley, Liberal Studies, majors that require extensive lower division major preparation or transferring to Roosevelt and Revelle Colleges at UCSD may not find IGETC to be advantageous. Students should ascertain through their ECC counselor if the IGETC pattern is an acceptable transfer option.

Courses completed at a California Community College will be applied to the subject area in which they are listed by the institution where the course work was completed. Only courses deemed equivalent to those on an approved IGETC course list will be certified (please see a counselor for course placement). All courses must be completed with a "C" grade or better. Foreign course work may not be used on IGETC.

**CERTIFICATION:** It is the student's responsibility to complete all requirements with a C grade or better and obtain full certification prior to transfer. Certification means the last community college attended prior to transfer to the UC or CSU will verify that the student has completed the IGETC. By completing the IGETC requirements, students will have satisfied all lower division general education requirements for the UC or CSU campus of choice with some exceptions (see a counselor for details). Certification is highly recommended because without it, students will be held responsible for the transfer institution's general education pattern. Students who have completed general education courses at other colleges are advised to see a counselor for information regarding "pass-along" certification. Requests for certification should be made during the student's final semester at El Camino College at the Records Window.

**UC transfer requirements to meet minimum eligibility for admission:**

- Complete a minimum of 60 UC transferable units. Transfer students may transfer a maximum of 70 transferable semester units to the university. If a student has more than 70 units, students may receive subject credit to satisfy requirements.
- Earn a minimum 2.4 GPA (Many UC campuses and specific majors require a higher GPA to be competitive, consult a counselor for specific information)
- Complete a specific pattern of courses: two transferable English courses, one transferable math course, four transferable courses from at least two of the following areas: Art and Humanities, Social and Behavioral Sciences, Physical and Biological Sciences (please use [www.assist.org](http://www.assist.org) to view courses that meet minimum eligibility requirements)

**AREA 1: ENGLISH COMMUNICATION** UC-Must complete Group A and B. CSU- Must complete Group A, B, and C.

**Group A:** English Composition one course (3 semester units or 4-5 quarter units)  
 English 1A

**Group B:** Critical Thinking one course (3 semester units or 4-5 quarter units)  
 English 1C or Philosophy 5 or Psychology 3  
 (Note: Psychology 3 stands alone if taken Fall 92 or later. If English 1B was taken prior to Fall 93, it may be used in combination with Philosophy 8 or Psychology 3).

**Group C:** Oral Communication (CSU transfers only), one course (3 semester units or 4-5 quarter units)  
 Speech Communications 1, 3, 4, 12≠

**AREA 2: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING** one course (3 semester or 4-5 quarter units)

Math 115<sup>#@</sup>, 120, 130<sup>#+</sup>, 140, 150<sup>#</sup>, 160<sup>#</sup>, 161<sup>#</sup>, 180<sup>#</sup>, 190<sup>#</sup>, 191<sup>#</sup>, 210, 220, 270; Psychology 9AE, Sociology 109E

•See Legend on backside for math number changes.

**AREA 3: ARTS AND HUMANITIES** three courses (9 semester units or 12-15 quarter units) at least one course from the Arts and one course from Humanities.

**Arts:** Art 1, 2, 3, 4, 5A, 5B, 6, 7, 9<sup>&</sup>, 108, 150; Dance 1<sup>s</sup>, 3<sup>\*</sup>; Film 1<sup>&</sup>, 54; Music 11, 12, 13, 15A, 15B; Photography 150; Theatre 1, 4

**Humanities:** American Studies 7 (if complete fall 2008 or later); Chinese 2E, 24 (if taken fall 2008 or later)  
 English 1B+, 10+, 11+, 12+, 15A, 15B, 18<sup>&</sup>, 20, 21, 23, 26<sup>φ</sup>, 28, 29, 30, 31, 35, 36, 39, (40), 40A-, 40B-, 41A<sup>□</sup>, 41B<sup>□</sup>, 42-, 43, 44, (45), 46<sup>@</sup>, 47<sup>&</sup>, 48 (49)  
 Film 52, 53; French 24<sup>φ</sup>, (35<sup>^</sup>); Japanese 2 (if taken fall 2008 or later)  
 History 1A, 1B, 5A, 5B, (6), 8, (10A), (10B), (11), (12), (13), 14A, 14B, 19, 22<sup>\*</sup>, 25→, 30, 37, 122 (formerly 32), 140 (formerly 3), 141 (formerly 4)  
 Humanities 1E  
 Italian 24  
 Philosophy 2, 3, 7, 10, 11, 23  
 Sign Language 16≠, 17A≠ ; Spanish 24<sup>φ</sup>, 52A<sup>□</sup>, 52B<sup>□</sup>

**AREA 4: SOCIAL AND BEHAVIORAL SCIENCES** three courses (9 semester units or 12-15 quarter units) from at least two disciplines.

American Studies 7-, (1, 3)  
 Anthropology 2, 3, 4, 6, 7→, 8\*, 9→, 11→  
 Child Development 103<sup>§</sup> (formerly 3)  
 Economics 1, 2, 5\*  
 Ethnic Studies 1≠  
 Geography 2, 5, 7  
 Global Studies 101  
 History 8≠, 9, 12A<sup>φ</sup>, 12B≠, 16A-, 16B-, 17-, 18A-, 18B-, (34<sup>+</sup>), (16), 25→, 27, 37, 140 (if taken fall 2008 or later), 141 (if taken fall 2008 or later)  
 Journalism 12 (if taken fall 2008 or later)  
 History of Science 11 <sup>Δ</sup>  
 Political Science 1#, 2, 3, 5, 6<sup>φ</sup>, 10  
 Psychology 5, 8, 10-, 12≠, 15→, 16<sup>□</sup>, 21≠, (11)  
 Sociology 101 (formerly 5), 102≠, 104 (formerly 4), 107≠, 112≠  
 Speech 5E, 14E  
 Women's Studies 1<sup>></sup>

**AREA 5: PHYSICAL AND BIOLOGICAL SCIENCES** two courses (7-9 semester units or 9-12 quarter units) one physical science course, one biological science course; at least one course must include a laboratory (indicated by an asterisk).

**Physical Sciences:**

Astronomy 20 (formerly 9), 25 (formerly 10), (11<sup>#</sup>), 12\* (Meteorology 11)  
 Chemistry 1A\*, 1B\*, 4\*, 7A\*, 7B\*, (11<sup>#</sup>), (12<sup>^</sup>), 20\*, 21A\*, 21B\* Oceanography 10\*  
 Geography 1, 6\*, 9 Physical Science 25≠  
 Geology 1, 2, 3\*, 4\*, 15<sup>^</sup> Physics: 1A\*, 1B\*, 1C\*, 1D\*, 2A\*, 2B\*, 3A\*, 3B\*, 11#, 12\*#

**Biological Sciences:**

Anatomy 30\*, 32\*# Microbiology 33\*  
 Anthropology 1, 5\* Physiology 31\*#  
 Biology (1A\*), (1B\*), 8\*, 10\*, 11\*, 15, 16\*, 17<sup>σ</sup>, 18\*, 101\*, 102\*, Psychology 7  
 103 (formerly 1C<sup>§</sup>)  
 (Botany 1\*) (Zoology 1A\*, 1B\*)

**UC ONLY: LANGUAGE OTHER THAN ENGLISH:** The requirement may be met by one of the following:

- A course at ECC: Chinese 1, French 1, German 1, Italian 1, Japanese 1, Sign Language 15≠, Spanish 1, 52A, 52B.
- Two years of high school coursework in a language other than English with a final grade of C or better. The two years must be in the same language (high school transcripts must be on file with ECC).
- Foreign language course (or courses) at another college or university that is comparable to two years of high school foreign language.
- Satisfactory score on the SAT II: Subject Test in languages other than English. (if taken before May 1995, use the first score; if taken after May 1995, use the second score): Chinese with Listening 500/520; French/French with Listening 500/540; German/German with Listening 500/510; Hebrew (modern) 500/470; Italian 500/520; Japanese with Listening 500/510; Korean /500; Latin 500/530; Spanish/ Spanish with Listening 500/520
- Score of 3 or better on the College Board Advanced Placement Examinations in languages other than English.
- Score of 5 or higher on the International Baccalaureate Higher Level Examinations in languages other than English.
- Satisfactory completion of an achievement or proficiency test administered by a community college, university or other college in a language other than English. The test must assess the student proficiency at a level equivalent to at least two years of high school language. This conclusion must be posted on a transcript indicating unit, course title, and grade or on a document with letter head of the institution granting proficiency stating that the student has mastered proficiency in the language equivalent to two years of high school language.
- Language other than English "O" level exam with a grade of A, B, or C.
- Language other than English International "A" level exam with a score of 5, 6, 7.
- Satisfactory completion of C grades or better, of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English. Note: If the secondary school was completed in a non-English speaking country and the language of instruction of the secondary school was not English, language other than English proficiency can be certified for IGETC without further evaluation. The student must present appropriate documentation of attendance at the secondary school.

**CSU ONLY: GRADUATION REQUIREMENT IN U.S. HISTORY AND AMERICAN INSTITUTIONS** 6 semester units, one course from Group 1 and one course from Group 2; courses used to meet this requirement to fulfill IGETC requirements may also be listed in IGETC Subject Areas 3 and/or 4. CSU campuses have the discretion whether to allow courses used to satisfy the CSU United States History and American Institutions (AI) graduation requirement to count in both Area 3B or 4F and to meet the AI graduation requirement.

**Group 1:** PS 1 or 8; **Group 2:** History 1A, 1B, 9, 16A, 16B, 17, 18A, 18B, 32 \*Note: see exceptions below

For the 04-05 Academic Year: PS 1 and one of the following: History 1A, 1B, 9, 16A, 16B, 17, 18A, 18B, or 32

For the 05-06 Academic Year: PS 1 or 8 and one of the following: History 1A, 1B, 17, or 32

For the 06-07 Academic Year: PS 1 or 8 and one of the following: History 1A, 1B, 9 (if taken spring 07), 16A (if taken spring 07), 17, 18A, 18B, 32

For the 07-08 Academic Year and beyond: PS 1 or 8 and one of the following: History 1A, 1B, 9 (if taken spring 07 or thereafter), 16A (if taken spring 2007 or thereafter) 16B (if taken fall 2008 or thereafter) 17, 18A, 18B, 32

LEGEND		
+ Course only accepted if taken Fall 1993 or later.	@ Course only accepted if taken Fall 2003 or later.	£ Course only accepted if taken Fall 2007 or later.
^ Course only accepted if taken Fall 1995 or later.	& Course only accepted if taken Fall 2004 or later.	
~ Course only accepted if taken Fall 1997 or later.	Δ Course only accepted if taken Fall 2005 or later.	() Course is no longer offered.
> Course only accepted if taken Fall 1998 or later.	φ Course only accepted if taken Fall 2006 or later.	* Indicates a lab course.
\$ Course only accepted if taken Fall 1999 or later.	≠ Course only accepted if taken Spring 2007 or later.	
◆ Course only accepted if taken Fall 2000 or later.	σ Acceptable as a laboratory science course only if taken during Fall 1997, Spring 1998 and Summer 1998.	
→ Course only accepted if taken Fall 2001 or later.	# Indicates that transfer credit may be limited by UC or CSU, or both; please consult a counselor.	
□ Course only accepted if taken Fall 2002 or later.	• Math: 120(11), 130#(3), 140(4), 150#(7), 160#(9A), 161#(9B), 180#(2B), 190#(5A), 191#(5B), 210(20), 220(6A), 270(6B)	

**UC Credit Limitations:** Every community college has a Transfer Course Agreement (TCA) with the University of California that specifies how many units of credit will be granted by the UC. Students should pay special attention to courses and units granted when applying the units to meet the 60 units for admission. Below are the credit limitations for El Camino College courses.

**Anatomy 30 and 32** combined and **Physiology 31** maximum credit, 2 courses

**Architecture 199AB** maximum credit, one course; course was not approved prior to F00 by UC

**Art 142abcd** maximum credit is 3 units

**Astronomy 20, 25, and 12:** Astronomy 12 must be taken after or concurrently with 20 or 25 to receive transfer credit

**Biology 10** No credit for 10 if taken after BIOL 101 or 1A

**Chemistry 4 and 20** combined: maximum credit, one course, No credit for 4 or 20 if taken after 1A

**Chemistry 21A** No credit for 21A if taken after 1A or 7A

**Chemistry 21B** No credit for 21B if taken after 7B

**Dance 20abcd, Dance 21abcd** combined with PE activity units, the maximum credit is four units toward the 60

**Economics 5** No credit for 5 if taken after 1 or 2

**English 1A and 1AF** combined: maximum credit, one course

**Geology 30, 32, 34, 36** combined: maximum credit, one course

**History 1A-1B or 16A-16B, or 18A-18B** maximum credit is one series

**Journalism 12** and **Speech 5** combined: maximum credit, one course

**Math 110, 111, 115, and 116** combined: maximum credit, one course

**Math 130 and 180** combined: maximum credit, one course

**Math 150 and Psychology 9A/Sociology 109** combined: maximum credit, one course

**Math 180** maximum credit 4 units (if taken before fall 2006, if taken fall 2006 or thereafter, students will receive 5 units for the course)

**Math 190/191 and 160/161** combined: maximum credit, one series/course (i.e. student takes Math 160 and then takes Math 190, the student will receive UC transfer credit toward the 60 for one course, not both)

**Photo 1 and 51** combined: maximum credit, one course

**PE 217--** Any or all of these courses combined: maximum credit 8 units

**Physical Science 25** no credit if taken after a college level physics or chemistry course

**Physics 1ABCD and 2AB and 3AB** combined maximum credit, one series/one course (i.e. student takes Physics 2A and then takes Physics 1A, student will receive UC transfer credit toward the 60 units for one course, not both)

**Physics 11, 12, or 13** no credit if taken after 1A or 2A

**Physiology 31** combined with **ANATOMY 30 and 32:** maximum credit, 2 courses

**Psychology 9A, Sociology 109 and Math 150** combined: maximum credit, one course

**Sociology 109, Psychology 9A and Math 150** combined: maximum credit, one course

**Speech 5** combined with **JOURNALISM 12:** maximum credit, one course

**PE activity courses-** UC grants a maximum of four semester units of credit for appropriate PE activity courses.

**Independent Studies:** Granting of UC transfer credit is contingent upon an evaluation after transfer of the course by a UC campus. Independent studies courses **should not** be used toward calculation of the minimum 60 units needed for admission to the UC or GPA.

### **Advanced Placement Examinations (AP):**

A score of 3, 4, or 5 is required to grant credit for IGETC certification. An acceptable score of 3, 4, or 5 for IGETC equates to either 3 semester or 4 quarter units for certification purposes. Each AP exam may be applied to one IGETC area as satisfying one course requirement. \*Note: Students must check the transfer institution's college catalog or website for units awarded toward the minimum 60 units required for admission and credit toward major preparation.

AP EXAMINATION	IGETC AREA	AP EXAMINATION	IGETC AREA
Art History*	3A or 3B*	U.S. Government & Politics	4H
Biology	5B with lab	Human Geography	4E
Calculus AB	2A	Italian Language & Culture	3B and 6A
Calculus BC	2A	Japanese Language & Culture	3B and 6A
Chemistry	5A with lab	Latin Literature	3B and 6A
Chinese Language & Culture	3B and 6A	Latin: Vergil	3B and 6A
Macroeconomics	4B	Physics B	5A with lab
Microeconomics	4B	Physics C mechanics	5A with lab
English Language	1A	Physics C electricity/magnetism	5A with lab
English Literature*	1A or 3B*	Psychology	4I
Environmental Science	5A with lab	Spanish Language	3B and 6A
European History*	3B or 4F*	Spanish Literature	3B and 6A
French Language	3B and 6A	Statistics	2A
French Literature	3B and 6A	U.S. History*	3B or 4F*
German Language	3B and 6A	World History*	3B or 4F*
Comparative Government & Politics	4H	*AP exams may be used in either area regardless of where the certifying CCC's discipline is located.	

### **International Baccalaureate Exams (IB)**

A score of 5, 6 or 7 on Higher Level exams is required to grant credit for IGETC certification. An acceptable IB score for IGETC equates to either 3 semester or 4 quarter units for certification purposes. Students who have earned credit from an IB exam should not take a comparable college course because transfer credit will not be granted for both. \*IB exam may be used in either area regardless of where the certifying CCC's discipline is located.

International Baccalaureate (IB)	IGETC AREA
IB Biology HL	5B (without lab)
IB Chemistry HL	5A (without lab)
IB Economics HL	4B
IB Geography HL	4E
IB History (any region) HL	3B or 4F*
IB Language A1 (any language, except English) HL	3B and 6A
IB Language A2 (any language, except English) HL	3B and 6A
IB Language A1 (any language) HL	3B
IB Language A2 (any language) HL	3B
IB Language B (any language) HL	6A
IB Mathematics HL	2A
IB Physics HL	5A (without lab)
IB Psychology HL	4I
IB Theatre HL	3A

### **Private/Independent Universities that accept IGETC or IGETC courses toward the GE patterns:**

Alliant International University/United States International University, Azusa Pacific University, Biola University, California Baptist University, California College of the Arts, California College Institute of the Arts, California Lutheran University, Charles R. Drew University of Medicine and Science, Chapman University, Claremont McKenna College, Cogswell Polytechnical College, Concordia University, Dominican University of California, Fresno Pacific University, Golden Gate University, Holy Names College, Hope International University, Humphreys College, John F. Kennedy University, La Sierra University, Menlo College, Mills College, National University, Notre Dame de Namur University, Pacific Oaks College, Point Loma Nazarene University, Saint Mary's College of California, San Francisco Art Institute, Scripps College, University of Judaism, University of La Verne, University of Redlands, University of San Diego, University of San Francisco, and Woodbury University; there may be additional requirements that will need to be completed at the transfer university (check with the specific university, [www.aiccu.edu](http://www.aiccu.edu), or a counselor for details).