

# CALIFORNIA FOUR-YEAR PUBLIC UNIVERSITIES

## University of California\* – 10 Campuses

- 1 University of California, Berkeley (1868) • (510) 642-6000  
Semester Enrollment 25,540 • www.berkeley.edu
- 2 University of California, Davis (1908) • (530) 752-1011  
Quarter Enrollment 24,487 • www.ucdavis.edu
- 3 University of California, Irvine (1965) • (949) 824-5011  
Quarter Enrollment 22,071 • www.uci.edu
- 4 University of California, Los Angeles (1919) • (310) 825-4321  
Quarter Enrollment 26,162 • www.ucla.edu
- 5 University of California, Merced (2004) • (209) 228-4400  
Semester Enrollment 4,138 • www.ucmerced.edu
- 6 University of California, Riverside (1954) • (951) 827-1012  
Quarter Enrollment 18,293 • www.ucr.edu
- 7 University of California, San Diego (1964) • (858) 534-2230  
Quarter Enrollment 23,663 • www.ucsd.edu
- 8 University of California, Santa Barbara (1944) • (805) 893-8000  
Quarter Enrollment 19,199 • www.ucsb.edu
- 9 University of California, Santa Cruz (1965) • (831) 459-0111  
Quarter Enrollment 15,668 • www.ucsc.edu
- 10 University of California, San Francisco, is a graduate/professional institution requiring pre-professional preparation or graduate standing for admission. (415) 476-9000 • www.ucsf.edu

\* Enrollment figures subject to change

## California State University\* – 23 Campuses

- 1 California Maritime Academy (1929) • (707) 654-1330  
Semester Enrollment 832 • www.csum.edu
- 2 California Polytechnic State University, San Luis Obispo (1901)  
(805) 756-2311 • Quarter Enrollment 17,332 • www.calpoly.edu
- 3 California State Polytechnic University, Pomona (1938)  
(909) 869-3210 • Quarter Enroll. 18,706 • www.csupomona.edu
- 4 California State University, Bakersfield (1965) • (661) 664-2011  
Quarter Enrollment 6,550 • www.csub.edu
- 5 California State University, Channel Islands (2002) • (805) 437-8400  
Semester Enrollment 3,593 • www.csuci.edu
- 6 California State University, Chico (1887) • (530) 898-4636  
Semester Enrollment 14,689 • www.csuchico.edu
- 7 California State University, Dominguez Hills (1960) • (310) 243-3300  
Semester Enrollment 10,823 • www.csudh.edu
- 8 California State University, East Bay (1957) (formerly CSU Hayward)  
(510) 885-3000 • Quarter Enrollment 10,064 • www.csueastbay.edu
- 9 California State University, Fresno (1911) • (559) 278-4240  
Semester Enrollment 17,876 • www.csufresno.edu
- 10 California State University, Fullerton (1957) • (714) 278-2011  
Semester Enrollment 29,896 • www.fullerton.edu
- 11 California State University, Long Beach (1949) • (562) 985-4111  
Semester Enrollment 27,436 • www.csulb.edu
- 12 California State University, Los Angeles (1947) • (323) 343-3000  
Quarter Enrollment 15,952 • www.calstatela.edu
- 13 California State University, Monterey Bay (1995) • (831) 582-3330  
Semester Enrollment 4,395 • www.csumb.edu
- 14 California State University, Northridge (1958) • (818) 677-1200  
Semester Enrollment 29,880 • www.csun.edu
- 15 California State University, Sacramento (1947) • (916) 278-6011  
Semester Enrollment 23,197 • www.csus.edu
- 16 California State University, San Bernardino (1960) • (909) 537-5000  
Quarter Enrollment 13,680 • www.csusb.edu
- 17 California State University, San Marcos (1989) • (760) 750-4000  
Semester Enrollment 8,841 • www.csusm.edu
- 18 California State University, Stanislaus (1957) • (209) 667-3122  
4-1-4 Enrollment 6,921 • www.csustan.edu
- 19 Humboldt State University (1913) • (707) 826-1000  
Semester Enrollment 7,223 • www.humboldt.edu
- 20 San Diego State University (1897) • (619) 594-5000  
Semester Enrollment 24,590 • www.sdsu.edu
- 21 San Francisco State University (1899) • (415) 338-1111  
Semester Enrollment 24,956 • www.sfsu.edu
- 22 San Jose State University (1857) • (408) 924-1000  
Semester Enrollment 22,838 • www.sjsu.edu
- 23 Sonoma State University (1960) • (707) 664-2880  
Semester Enrollment 8,769 • www.sonoma.edu



★ Saddleback College  
www.saddleback.edu

Articulation/Transfer Patterns

## Articulation/Transfer Patterns

### Transfer Planning

- I. Transfer students, that is, students planning to enter a university four-year college after attending Saddleback College, should take note of the following suggestions:
  - A. Consult the catalog of the college or university to which they intend to transfer for such requirements as:
    1. Admissions Information
    2. Major course requirements
    3. General education or breadth requirements
  - B. Notice the difference between lower and upper-division courses required by the particular college or school of the university in which the advanced work is to be taken.  
 Important point: Degree credit in the major can be expected only for those community college courses which parallel courses designated as lower division by four-year colleges or universities.
  - C. Note courses which must be taken in preparation for the major as well as those required in the major.
  - D. Remember that community college courses transfer to four-year colleges in terms of specific or elective credit depending upon the school and major selected. Refer to sample transfer programs on the following pages to determine if an example is offered for a particular major or institution. Refer also to the ASSIST (Articulation System Stimulating Interinstitutional Student Transfer) website at [www.assist.org](http://www.assist.org) which is the official California statewide database listing a selection of campus-approved transfer agreements, general education requirements, and information on UC and CSU transferable courses and major preparation. Students are advised to contact a Saddleback College counselor for more information, and for details regarding other transfer agreements and options not available on ASSIST for your transfer college choice.
  - E. Note any policies regarding the maximum number of units which may be transferable. A maximum of 70 transferable units completed at the community college level may be applied toward the total number of units required for a bachelor's degree by the University of California or the California State University. Subject credit for transferable courses in excess of 70 units may also be granted to satisfy university graduation requirements. Any courses accepted as equivalent to those offered in lower-division by the university completed at the community college, even if beyond the 70-unit maximum, will be applied where needed to meet specific lower-division major and/or general education/breadth requirements. **Therefore, students are strongly advised to complete all courses designated as required lower-division preparation for the major prior to transfer, especially where admission to the major is contingent on completion of specific courses.**
- II. Students should also avail themselves of opportunities to meet with representatives of colleges and universities which are scheduled throughout the academic year in the Transfer Center.
- III. Catalogs and applications for admission to the University of California and the California State University are available in the Career Center. The Career Center maintains catalogs and applications from other institutions as well and will provide assistance in obtaining information and applications.
- IV. Student Responsibility for Meeting Transfer Requirements: All students must assume complete responsibility for compliance with regulations and instructions set forth in university or college catalogs for their intended transfer institution, and for selecting the courses which will permit them to meet their educational objectives and for satisfying prerequisites for any programs or courses which they plan to take for transfer.

The following information is subject to change

### The California State University

(Refer to the California CSU/UC map)

#### \*Application Filing Periods

(Applications first accepted):	
Summer Semester or Quarter:	February 1-28 (6 campuses)
Fall Semester or Quarter:	October 1- November 30
Winter Quarter:	June 1 - June 30
Spring Semester or Quarter:	August 1 - August 30

\*You are urged to file early. Applications to impacted majors must be filed during the initial filing period. The CSU designates major programs as impacted when more applications are received in the initial filing period from CSU eligible applicants than can be accommodated. If applying after the initial filing period, consult the campus admissions office or website for current information. Except for impacted majors, campuses accept applications until enrollment categories are filled. Most campuses will acknowledge receiving your application within two to four weeks. For more details refer to the CSU Mentor website at [www.csumentor.edu](http://www.csumentor.edu)

#### Definition of a Transfer Student

You are considered a transfer student if you have enrolled in a community college or university other than a CSU following high school graduation.

1. Students with fewer than 60 transferable semester (90 quarter) units are considered lower division transfer students.
2. Students who have completed 60 or more transferable semester college units (90 or more quarter units) are considered upper-division transfer students.
3. Students who completed college units before they graduated from high school or during the summer between high school graduation and CSU enrollment are considered first-time freshmen and must meet those admission requirements.

#### Transfer Admission Requirements

Upper-Division Transfer Requirements (*60 or more transferable semester or 90 or more quarter units — see note below*):

You are eligible for admission if you:

1. Have a college grade point average of 2.00 or better (2.40 for non-California residents) in all transferable college units completed.
2. Are in good standing at the last college or university attended (i.e., you are eligible to re-enroll).
3. Have completed, or will complete prior to transfer at least 30 semester units (45 quarter units) or courses equivalent to general education requirements with a grade of "C" or better. The 30 semester units must include all of the general education requirements in communication in the English language (English composition, oral communication, and critical thinking), and at least one course of at least 3 semester units (4 quarter units) is required in college-level mathematics. (See Area A and B-4 on Saddleback College's CSU G.E. certification pattern or Areas 1 and 2 of the IGETC).

**Note:** Some CSU campuses may accept a limited number of lower-division transfer applicants (applicants with fewer than 60 transferable units). Lower-division transfer applicants will be held to specified CSU eligibility standards. Check with a counselor and CSU mentor: [www.csumentor.edu](http://www.csumentor.edu) for details.

#### Transferable Coursework

Transferable courses are those designated for that purpose by the college or university offering the courses. Saddleback College certifies courses numbered 1 to 199 in the catalog as CSU-transferable.

A maximum of 70 semester (105 quarter) units earned in a community college may be transferred to the California State University; however, courses in excess of 70 semester units will receive subject credit and will be applied to satisfy content requirements as appropriate. No upper-division credit is allowed for courses taken in a community college.

Students transferring with certification of general education requirements are assured that they have met 39-units of the 48-unit minimum requirements for the bachelor's degree. Students transferring without certification of general education must complete the pattern of courses required of "native" students, as outlined in the catalog of the particular CSU campus. The CSU G.E. course pattern which Saddleback College uses to certify that the student has met the required minimum of 39 semester units of general education is listed below.

## Requirements for the Associate in Arts for transfer (AA-T) or Associate in Science for transfer (AS-T)

The Student Transfer Achievement Reform Act (Senate Bill 1440, now codified in California Education Code sections 66746-66749) guarantees admission to a California State University (CSU) campus for any community college student who completes an "associate degree for transfer", a newly established variation of the associate degrees traditionally offered at a California community college. The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing these degrees (AA-T or AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn one of these degrees, students must complete a minimum of 60 required semester units of CSU-transferable coursework with a minimum GPA of 2.0. Students transferring to a CSU campus that does accept the AA-T or AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major).

This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system.

Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

**At the time of catalog publication, a student may earn an AA-T in Sociology and Psychology.** Additional majors are being developed. Please see a counselor and [www.saddleback.edu](http://www.saddleback.edu) for more information.

The following is required for all AA-T or AS-T degrees:

1. Minimum of 60 CSU-transferable semester units.
2. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
3. Completion of a minimum of 18 semester units in an "AA-T" or "AS-T" major as detailed in the Certificate and Degree section of the catalog. All courses in the major must be completed with a grade of C or better or a "P" if the course is taken on a "pass-no pass" basis (title 5 § 55063).
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

## Transfer Students and Certification of California State University General Education Requirements

(The Following Information is Subject to Change)

Courses on this list are approved for a specific academic year which begins with the Fall semester. Students wishing to use a course to meet a CSU G.E. Breadth requirement must be sure that the course is approved for the academic year in which it is taken. **This list is valid through Summer 2011 and is subject to change. Students are advised to consult with a Saddleback College counselor when planning coursework.**

Under provisions of CSU Executive Order 595, Saddleback College (SC) will certify completion of up to 39 of the 48 units required in general education. If SC certifies that you have completed courses from the following list approved for general education, the CSU campus to which you transfer will require you to complete the requirement in those sections in which you are not certified. You may be held only for additional courses required for "native" students, but you will not be required to complete more units than the difference between the amount certified and the total required.

After transfer, students must complete at least nine units of upper-division General Education courses in their junior or senior year.

**No student will be eligible to petition for certification until a minimum of 12 units has been completed at Saddleback College.**

### AREA A: ENGLISH LANGUAGE AND CRITICAL THINKING --

Three courses totaling a minimum of nine units are required. (Complete one course in Areas A1, A2, and A3 with a grade of "C" or better) A grade of C- is not accepted in Area A:

**A1 Oral Communication**—SP 1 or 5 (formerly 105)

**A2 Written Communication**—ENG 1A

**A3 Critical Thinking**—One course from the following:

ENG 1B, 170; PHIL 12; SP 2, 3

### AREA B: SCIENTIFIC INQUIRY AND QUANTITATIVE

**REASONING** —At least nine units are required in Areas B1 through B4. (One course must be taken from Areas B1 and B2 [one of which must be a laboratory course designated B3 with an asterisk\*], and one course from area B4):

#### B1 Physical Science

ASTR 1,\* 20 (\*lab course when combined with ASTR 25), 21, 45, 145

CHEM 1A\*, 1B\*, 2A\*, 2B\*, 3\*, 8\*, 12A\*, 12B\*, 20\*, 108\*, 120\*

ENV 23\* [F89], 120\*

GEOL 1\*, 2\*, 3, 4, 5\*, 6\* [S07], 7, 20\*, 21, 23\*[F89]

GEOG 1, and 1L\*, 20

MS 1\*, 4\*, 20\*

PHYS 2A\*, 2B\*, 3A\*, 4A\*, 4B\*, 4C\* [S07], 20\*, 21\*

#### B2 Biological Science

ANTH 1 (\*lab course when combined with ANTH 1L), 10A, 16 (formerly 110A)

BIO 3A\* (formerly 1A\*), 3B\* (formerly 1B\*), 3C\* (beginning S07), 6\* (prior to F95), 11\*, 12\*, 15\*, 16\*, 18\*, 19\*, 20\*, 24, 30, 31\*, 40, 41, 43, 113\* (beginning F03)

ENV 18\*, 19\*, 24\* (lab designation beginning F07)

HORT 20\*

MS 3\*

PSYC 3

^ Retroactive to Fall '91

B3 \*Indicates a laboratory course

**B4 Mathematics**

Courses applicable to Area B4 must be completed with a grade of "C" or better. A grade of C- is not accepting in Area B4:

MATH 2, 3A, 3B, 3C, 4B, 5, 6A, 6B, 7, 8, 9, 10, 11, 12, 24, 26, 112, 124, 128

**Note:** An intermediate algebra course (MATH 122) completed prior to Fall Semester 1988 will be accepted by the CSU as meeting graduation requirements in general education.

**AREA C: ARTS AND HUMANITIES**—At least three courses totaling a minimum of nine units are required. (*Complete one course from Area C1 and one course from Area C2. Complete a third course from either area:*)

**C1 Arts**

ART 1, 4, 20, 21, 22, 23, 24, 25, 26, 28, 29 (formerly 27)  
 ARCH 12 (formerly 112)  
 CTVR 3 (formerly CA 30), 5, 7, 9 (formerly 29)  
 DANC 64 (formerly PE/TA 64)  
 FASH 144 (beginning F93)  
 FA 20, 27  
 ID 110, 122, 125  
 MUS 1, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29 [F90], 31, 32, 33, 34, 35, 40, 47, 49, 90, 91  
 PHOT 25  
 SP 32  
 TA 10, 11, 20, 21 (prior to Fall 1993), 22, 25, 26, 32, 110

**C2 Humanities**

ARAB 1 [F90], 1A [F90], 1B [F90], 2 [F90], 3 (beginning S07), 4 (beginning S07), 21  
 CHI 1 [F89], 1A [F89], 1B [F89], 2 [F89], 3 (beginning F07), 4 (beginning F07), 21  
 ENG 3, 4, 5, 7, 15A, 15B, 17A, 17B, 18, 19, 20, 21A, 21B, 21C, 21D, 21E, 23A, 23B, 24, 25, 27A, 27B, 27C, 27D, 27E, 27F, 29, 31 (formerly 131A), 31B, 32, 33, 34, 35, 36, 40, 41, 44, 46, 47, 48, 50, 52, 54, 56, 131A, 131B, 132, 134, 135, 136, 142 (formerly 42)  
 FR 1\*, 1A\*, 1B\*, 2\*, 3, 4, 10, 20 [prior to F07], 21 [prior to F07]  
 GER 1\*, 1A\*, 1B\*, 2\*, 3, 4, 10, 21  
 HEBR 1 [F89], 1A [F89], 1B [F89], 2 [F89], 3 [F09], 4 [F09], 21  
 HIST 4 [F93], 5 [F93]  
 HUM 1, 2 [prior to F03], 3, 4, 5, 10A, 10B, 21, 22, 25  
 IDS 1, 2, 3, 5 [F08]  
 ITA 1\*, 1A\*, 1B\*, 2\*, 3, 4, 10, 21  
 JA 1 [F89], 1A [F89], 1B [F89], 2 [F89], 3 (reinstated), 4 (reinstated), 10 [F89], 21  
 KOR 1 [F09], 1A, 1B, 2 [F09], 3, 4, 21 [F96]  
 LAT 1 [F90], 1A [F90], 1B [F90], 2 [F90]  
 PHIL 1, 3, 4, 8, 9, 10, 14, 15  
 PORT 21  
 PRSN 1, 2, 3, 4  
 RUS 1 [F90], 1A [F90], 1B [F90], 2 [F90], 21 [F90]  
 SL 1 (formerly 32), 2 (formerly 33), 3 (formerly 34), 4 (formerly 35) [Sign Language courses beginning Fall 1993]  
 SPAN 1\* (or 1A\* and 1B\*), 2\*, 3, 4, 10, 20A, 20B, 21A, 21B, 21C  
 SP 30, 31  
 TA 30, 31  
 VIET 21

\*Beginning Fall 1988

**AREA D: SOCIAL SCIENCES**—At least three courses totaling a minimum of nine units are required. +Courses are to be selected from Area D1 through D0 in at least two areas:

**D1 Anthropology**

ANTH 2, 3, 5 (F08), 6, 8, 9, 10, 13 (beginning S07), 14 (beginning F03), ENV/SOC 22, ENV 36, HD 7, 15,

HIST 26, 74, HS 100 (prior to F86), SOC 100 (prior to F88), HS 120 (prior to F86)

**D2 Economics**

ECON 2, 4 (formerly 1), 20 [MGMT 100 prior to F86], ENV 20, [F90]. 36 [F96], HD 15, HIST 26, 74, HS 100 (prior to F86), 120 (prior to F86), PS 9

**D3 Ethnic Studies**

ANTH 4, 7 (beginning S07); CCS 1, 2, 10; ENV 20, 21, HD 15, HIST 20, 26 (prior to S89), 33 (beginning F01), 74, 81; HS 100 (prior to F86), 120 (prior to S86); MGT 100 (prior to F88); PSYC 16^ (formerly 116); SOC 4, 5# (beginning F04), 6, 20, 100 (prior to S88)

**D4 Gender Studies**

ANTH 21; ENV 35; HD 7, 15; HIST 21, 26; HS 120 (prior to F86); PS 9, 21; PSYC 21; SOC 21, 100 (prior to F88); WS 10, 21, 40

**D5 Geography**

GEOG 2, 3, 38; HIST 26, 74; HS 100 (prior to F86), SOC 100 (prior to F88), PS 9

**D6 History**

HIST 7, 8, 9, 10 (beginning S07), 11, 12, 15 (beginning S07), 16, 17, 18, 19, 22, 25, 27, 28, 30, 31, 32, 40, 41, 60, 62 (beginning F03), 63 (beginning F03), 70, 71, 72, 74; HD 15; HS 100 (prior to F86)

**D7 Interdisciplinary Social or Behavioral Science**

ANTH 20/SP 20 (formerly 109); CTVR/JRN 1 (beginning F05); ECON/ENV 6; ENV 1; HIST 61/PS 61 [F93], 74, HIST 75/PS 75, 80; PS/ECON 11; PSYC/SOC 30; SP 109

**D8 Political Science**

PS 1, 2, 4, 10 (beginning S07), 12, 14; PS/ECON 11, 17

**D9 Psychology**

PSYC 1, 2, 3 (prior to F12), 4, 5# (beginning F05), 7#, CD 107 (formerly CD 7), 16^ (beginning S07), 33# (beginning S07), 37 (beginning S07)

**D0 Sociology**

SOC 1, 2, (retroactive F91), 5# (retroactive F91), 10, 15, CD 105 (formerly CD 15), 25 (beginning F05), 120 (prior to F88)  
 (HS 100, 120 prior to Fall 1986)

^PSYC 16 (formerly 116) either D3 [F93] or D9 [F07]

#Course listed in more than one area, but shall not be certified in more than one area.

**+Note: CSU Graduation Requirement in U.S. History, Constitution and American Ideals:** This CSU requirement can be met prior to transfer by completing PS 1 from Area D8 AND one U.S. History course in Area D6 selected from: HIST 7, 8, 16, 17, or 22. Courses taken to meet this requirement can also be used for 6 of the 9 units required in Area D above.

**AREA E: LIFE LONG UNDERSTANDING AND SELF**

**DEVELOPMENT** (3 units are required to complete Area E. A maximum of 2 units of KNES/PE activity courses are permitted):

APSY 140, 145, 150, 151, 160, 162, 163, 165  
 BUS 116 (beginning F02)  
 CD 107# (formerly CD7)  
 FASH 141 (formerly CFR/FCS 140)  
 FCS 115, 140 (prior to F07), 142 (beginning F97)  
 FN 50, 64  
 HLTH 1, 3; HLTH/HSC 105, HSC 120  
 HS 175 (beginning F95)  
 IDS 107

KNES/KNEA (for PE or PESS see ww.assist.org) The following courses are accepted beginning F09 unless indicated otherwise: 107 [F06], 1 [F06], 2 [F06], 3 [F06], 4 [F06], 5 [F06], 6 [F06], 7 [F06], 8 [F06], 9 [F06], 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28 [F06],

29 [F06], 30, 41, 42, 50 [F06], 63, 70, 71, 72, 74, 75, 76, 77, 78, 79, 80, 90 [F06], 93 [F06], 94 [F06], or DANC 63 (formerly PE/TA 63); or KNEA 1 [F06], 2, 4, 5, 6, 107 [F06]

N 165

PSYC 5# (beginning F05), 7# (F05)/CD 107 (formerly CDES 7), 33#

SPS 100, 110

WS 30, 100, 120, 135

#Course listed in more than one area, but shall not be certified in more than one area.

### Certification of CSU General Education Requirements

**No student will be eligible to petition for certification of the CSU General Education requirements until a minimum of 12 semester units have been completed at Saddleback College.**

Saddleback College will certify coursework completed at another California community college or any institution that participates in certifying general education coursework to the CSU, including CSU campuses other than the one to which the student is transferring, only if the courses are on the approved CSU general education list at the college where they were completed in the year when taken. Such a course will be certified in the General Education-Breadth area that is shown on the official certification list for the institution at which it was taken.

When coursework has been taken at a regionally accredited institution that does not maintain a CSU certification list, Saddleback College can certify coursework on a California State University or an approved California Community College general education course list or approved by Saddleback College faculty as meeting CSU general education-breadth certification standards.

Coursework from Irvine Valley College or other community colleges with the same course number and/or title may not always be certified in the same category at Saddleback College for CSU G.E. Certification. Also similar coursework from accredited independent or private colleges will not always be certified unless the course content is deemed equivalent.

Students meeting area requirements may petition for partial certification in one or more of the areas (i.e., Area B, C, D, or E), but the college will not certify course requirements short of an entire area. The institution to which a student transfers will require completion of the requirement in those sections which are not certified and may require additional specific courses as required of native students.

The CSU certification service, performed by the Office of Admissions and Records, is available only when an official transcript is being sent to a California State University or any other college or university which accepts CSU certification.

#### IMPORTANT:

In general, courses listed as preparation for the major may also be applicable to general education requirements. Students should refer to the catalog of the institution offering their intended major to determine lower-division major requirements as well as those which are recommended or required in preparation for the major, and the transfer pattern section of the Saddleback College catalog for examples.

Also refer to ASSIST at [www.assist.org](http://www.assist.org) which is the official California state-wide database listing a selection of campus-approved articulation/transfer agreements, general education requirements, and information on UC and CSU-transferable courses. Students are advised to contact a Saddleback College counselor for more information, and for details regarding other transfer agreements and options not available on ASSIST for your transfer college choice.

## University of California

(Refer to the California CSU/UC map)

### Priority Application Filing Periods

Fall Quarter: November 1-30

Winter Quarter: July 1-31

Spring Quarter: October 1-31

*UC Berkeley accepts applications for Fall only*

Fall Semester: November 1-30

For further information regarding the application and admissions process, refer to the UC's online undergraduate application website at [www.universityofcalifornia.edu](http://www.universityofcalifornia.edu)

### Eligibility for Transfer

**California Residents:** To qualify for admission to the University as a transfer student, a student must meet one of the following three sets of requirements. The pathway a student follows depends upon whether they were eligible for admission to the UC when they graduated from high school. California residents must have at least a "C" (2.0) average in all transferable college coursework.

1. Students who were eligible for admission to the University when they graduated from high school [meaning they satisfied the Subject, Scholarship, and Examination requirements, or were identified by the University during the senior year in high school as eligible under the Eligibility in the Local Context (ELC) program], are eligible to transfer if they have a "C" (2.0) average in transferable coursework.
2. Students who met the Scholarship Requirement but not the Subject Requirement must take transferable college courses in the missing subjects, earning a "C" or better in each required course, and have an overall "C" (2.0) average in all transferable college coursework to be eligible to transfer.
3. Students who were not eligible for admission to the University when they graduated from high school because they did not meet the Scholarship Requirement must:
  - A. Complete 60 semester units or 90 quarter units of transferable college credit with a grade-point average of at least 2.4, with no more than 14 semester (21 quarter) units completed on a credit/no credit basis **AND**
  - B. Complete the following course pattern requirement, earning a grade of "C" or better in each course:
    - 1) two transferable college courses (3 semester or 4-5 quarter units each) in English composition; and
    - 2) one transferable college course (3 semester or 4-5 quarter units) in mathematical concepts and quantitative reasoning; **AND**
    - 3) four transferable college courses (3 semester or 4-5 quarter units each) chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, and the physical and biological sciences.

(Students who satisfy the Intersegmental General Education Transfer Curriculum (IGETC) prior to transferring to UC may satisfy Option 3B above of the transfer admission requirements.)

**Nonresidents:** The minimum admission requirements for nonresidents are very similar to those for California residents. However, nonresidents must have a grade point average of 2.8 or higher in all transferable coursework. Students are advised to consult with the Admissions Office at the UC campus of choice for details and specific requirements.

If the number of applicants exceeds the spaces available for a particular campus or major—as is often the case—the campus uses criteria that exceed the minimum requirements to select students. Meeting the minimum requirements, therefore, is not enough to gain admission to many UC campuses and programs. The average grade-point average varies widely by campus and by major.

## Community College Transfer Priority Admission

UC campuses give priority consideration for admission to California community college students. A California community college student applying for admission to the University of California in advanced standing will be given priority admission over all other applicants if:

- 1) you were enrolled at one or more California community colleges for at least two terms (excluding summer sessions);
- 2) the last college attended before admission to a UC campus was a California community college (excluding summer sessions); and
- 3) you have completed at least 30 semester (45 quarter) UC-transferable units at one or more California community colleges.

## Program Planning for Transfer to a UC Campus

Students planning to transfer to the University of California must keep the following requirements in mind when selecting courses:

1. Admission/Major Requirements:

As indicated above, the University has a common set of requirements which specify minimum eligibility for admission as a transfer student. However, several campuses have additional requirements that may go well beyond minimum eligibility requirements, particularly where the number of applications exceeds the number of spaces available. Students should give first priority toward completing all lower-division requirements for the major. In many cases, completing a portion of the major requirements is essential to gain admission to the major at the junior level.

2. General Education/Breadth:

Each school and college at every UC campus has its own general education, or breadth requirements designed to give students a broad background in a variety of academic areas. Students have the option of (1) completing the campus specific breadth requirements or (2) completing the Intersegmental General Education Transfer Core Curriculum (IGETC) outlined in the following section of this catalog.

A minimum of 120 units (180 quarter units) is required to complete a baccalaureate degree from the University of California. The University will award graduation credit for up to 70 semester (105 quarter) units of transferable coursework from a community college. Courses in excess of 70 semester units will receive subject credit and may be used to satisfy University subject requirements. Some campuses have limits on the number of transfer units that will be accepted. If your community college work is combined with credit from a four-year institution, there might be a problem. Please consult the Admissions Office at the UC campus that interests you.

In general, no UC course credit is given for a course completed after a more advanced course is completed in the same subject matter.

## Courses Accepted for Transfer to the University of California

### (Information Subject to Change)

The University of California Office of the President (UCOP) annually reviews Saddleback College course offerings to determine which courses are similar in nature, scope, and content to UC offerings. Saddleback College's UC-transferable course listings are available on ASSIST at [www.assist.org](http://www.assist.org). Saddleback College courses which do not appear on the UC Transfer Course Agreement (TCA) and are numbered from 1 to 99 are either pending UC transfer credit review by the UC Office of the President, or were not approved as UC-transferable. Consult with a Saddleback College counselor and refer often to ASSIST at [www.assist.org](http://www.assist.org).

## IGETC—The Intersegmental General Education Transfer Curriculum

### (Information Subject to Change)

The Intersegmental General Education Transfer Curriculum (IGETC) is a series of courses that community college students can use to satisfy lower-division general education requirements at any campus of the University of California (UC) or California State University (CSU). The IGETC will permit a student to transfer from Saddleback College to a campus in either of these university systems without the need, after transfer, to take additional lower-division general education courses to satisfy campus general education requirements.

Completion of the IGETC is not a requirement for admission to a CSU or UC campus, nor is it the only way to fulfill the lower-division general education requirements of CSU or UC prior to transfer. The IGETC is most advantageous for transfers who have not yet decided on a major or a campus. Once a student has identified a major, it is important to work toward fulfilling any required preparatory courses—particularly in those professional or “high unit” majors that select applicants on the basis of satisfaction of lower-division major requirements. It is important to note that this does not preclude a student from following IGETC. However, IGETC should not be done to the exclusion of completing any preparatory courses needed for admission to the major.

It is not advisable for transfers to engineering and science majors at any UC campus to use IGETC. Students entering “high unit” majors, such as those in the sciences, must be careful to complete any needed lower-division major preparation. For example, majors in the sciences not only have specific science prerequisites, but also substantial mathematics requirements. Some majors specifically prohibit the use of IGETC.

**Courses on the following IGETC list are approved for the 2010-2011 academic year and are subject to change. Students wishing to use a course to meet an IGETC requirement must be sure that the course is on the list during the academic year it is taken. For example, in the course listing below, CTVR 3[F'94] denotes that this course must have been completed in the Fall 1994 semester or later to receive IGETC credit.**

All courses for IGETC must be completed with a grade of “C” or better. Grades of C- will not apply in any category.

### AREA 1—ENGLISH COMMUNICATION

**A. English Composition:** ENG 1A

**B. Critical Thinking-Composition:** ENG 1B completed Summer 1992 or after.

Because courses in this category must meet criteria reviewed by an intersegmental faculty committee, it is highly unlikely that courses taken at an institution other than a California community college will apply. The course must have been certified in the year when completed.

**C. Oral Communication:** SP 1 (required for CSU transfers only)

### AREA 2—MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING

(1 course required):

MATH 2\*\*, 3A\*\*, 3B, 3C (formerly 4A), 4B, 6A, 6B, 7\*\*, 8\*\*, 9, 10, 11\*\*, 24, 26.

### AREA 3—ARTS and HUMANITIES

(at least three courses, nine semester units)

At least one course from the Arts, and one from the Humanities, and a third from either area.

**A. Arts courses:**

ARCH 12\*\* [S'07], ART 4, 20, 21, 22 [F'94], 23 [F'94], 24 [F'96], 25, 26, 28, 29 [F'02]; CTVR 3 [F'94](formerly CA 30), 5, 7, 9 (formerly 29 [S'07]); DANC 64 (formerly PE/TA 64) [F'96]; FA 20 [F'94], 27; MUS 20, 21 [F'94], 23 [F'94], 24, 25, 26, 27 [F'94], 28 [F'94], 29 [F'94]; PHOT 25 [F'94]; TA 20, 21, 25, 26.

**B. Humanities courses:**

ARAB 2 [F10], 3 [S'07], 4 [S'07], 21 [^F'95]; CHI 2 [F10], 3 [F'07], 4 [F'07], 21 [F'95]; ENG 15A, 15B, 17A, 17B, 18, 19, 20, 21A, 21B, 21C [F'95], 21D [F'95], 21E [F'95], 23A [F'95], 23B [F'95], 24 [F'95], 25, 27A, 27B, 27C, 27D, 27E, 27F, 31 [F'02], 35 [F'92], 44 [F'95], 46, 47, 50, 52 [F'97], 54 [F'95]; FR 2 [F10], 3, 4, 20 [F95-F07], 21 [F95-F07]; GER 2 [F10], 3, 4, 21 [F'95]; HEBR 2 [F10], 3[F09], 4[F09], 21 [F'95]; HIST 4, 5, 18, 30\*, 40\*, 41\*, 60, 61 [PRIOR TO F'95] 70\*, 71\*, 72\* [F'01], 75\*; HUM 1, 2 [F91-F03], 3, 4, 10A, 10B, HUM 21, 22, IDS 1 [F'94], 2 [F'94]; ITA 2 [F10], 3, 4, 21 [F'95]; JA 2 [F10], ^3, ^4, 21 [F'95]; KOR 2 [F09], 3, 4, 21 [F'95]; PRSN 2 [F10], 3 [F'05], 4 [F'05]; PHIL 1, 3, 4, 10, 14, 15; PS 61 (prior to F95), 75; PORT 21 [F'95]; RUS 21 [F'95]; SL 2 [F10], 3 (formerly 34) [F'98], 4 (formerly 35) [F'98]; SPAN 2 [F10], 3, 4, 20A (formerly 20) [F'01], 20B [F'01], 21A (formerly 21) [F'01], 21B [F'01] 21C [F09], VIET 21 [F'97]

^Reinstated

**AREA 4—SOCIAL and BEHAVIORAL SCIENCES**

(at least three courses, nine semester units required)

Courses from at least two disciplines (courses listed by discipline, e.g., Anthropology, Political Science).

ANTH 2, 3 [F'03], 4 [S'07], 5 [F'08], 6 [F'03], 7 [S'07], 8 [F'02], 9, 10 [F'98], 13 [S'07], 14 [F'03], 20 \*\* [F'98], ANTH 20\*\* [F98] 21 [F'92]; CTVR/JA 1 [S'07], CCS 1 [F'96], 2 [F'96], 10 [F98]; ECON 2, 4 (formerly 1), ECON/ENV 6 [F'96], ECON/PS 11 [F'00]; ECON 20\*\* [F'94]; ENV 1 [F'01], GEOG 2, 3, 38 [F10], ; HIST 7\*\* [F'96], 8\*\* [F'96], 9 [S'07], 10 [S'07], 11 [S'07], 12 [F'02], 15 [S'07], 16\*\*, 17\*\*, 18, 19, HIST/SOC 20, HIST 21 [F'92], 22\*\*, 25 [S'07], 27 [F'98], 28 [F'98], 30\*, 32 [S'07], 33 [F'01], 40\*, 41\*, 60, 61 [F'92], HIST 62 [F'03], 63 [F'03], 70\*, 71\*, 72\* [F'01], 74 [F'98], 75\*, HIST/PS 80 [F'00], HIST 81 [F'94]; HD 7; PS 1, 2, 4, 10 [S'07], 11 [F00], 12, 14, 21 [F'98], 61\*, 75\*, 80; PSYC 1, 2, 3 (prior to F12), 4, 5 [S'06], 7, CD 7(formerly CDES 7), PSYC 16 [S'07], 21 [F'92], PSYC 30, SOC 30, PSYC 33 [S'07], 37 [S'07]; SOC 1, 2, 4, 5, 6 [F'96], 10 [S'05], 15 [F07], CD 15 (formerly CDES 15), 21\*\* [F'92], 25 [S'06], 30; SP 20\*\* [F98]; WS 10, 21 [F95], 40 [F'95].

**AREA 5—PHYSICAL and BIOLOGICAL SCIENCES**

[Two courses and a minimum of seven units required]

Select one Physical Science course and one Biological Science course; at least one course must include a laboratory. **Note:** All courses with a laboratory component are underlined.

**A. Physical Science courses:**

ASTR 1 [PRIOR TO F'94], 20, 20 and 25, ASTR/GEOL 21 [F'01], ASTR 45 [F'01]; CHEM 1A\*\*, 1B\*\*, 3\*\*, 12A [S'07], 12B [S'07]; ENV/GEOL 23; GEOG 1, 1 and 1L [F'99]; GEOL 1, 2, 3 [S'05], 4 [S'04], 5, 6 [S'07], 7 [S'04], 20\*\*; MS 4, 20; PHYS 2A\*\*, 2B\*\*, 3A [F'00], 4A\*\*, 4B\*\*, 4C\*\* [S'07], 20\*\*.

**B. Biological Science courses:**

ANTH 1, 1 and 1L [F'98]; BIO 2, 3A [1A prior to F03], 3B [1B prior to F03], 3C [S'07], 5 [F91-F93], 6 [PRIOR TO F94], 11 [F'93], 15 [S'07], 18 [F'99], BIO/ENV 19 [S'05], BIO 20\*\*, 30, 31, 40; 43 [S'07]; ENV 18 [F'99], 24 [S'07], PSYC 3 [F10]

**LANGUAGE OTHER THAN ENGLISH** (required for UC transfers only): Proficiency equal to two years of study in one foreign language in high school with grades of "C" or better. (An official copy of the high school transcript must be on file in Admissions and Records at Saddleback College); or select one course from the following: ARAB 1 [F'02], 2 [F'05], 3[F'07], 4 [F'07]; CHI 1, 1B, 2 [F'05], 3 [F'07], 4 [F'07]; FR 1, 1B, 2 [F'05], 3 [F'05], 4 [F'05]; GER 1, 1A & 1B, 2 [F'05], 3 [F'05], 4 [F'05]; HEBR 1, 1A & 1B, 2 [F'05], 3[F09], 4[F09]; ITA 1, 1B, 2 [F'05], 3 [F'05], 4 [F'05]; JA 1, 1A & 1B, 2 [F'05], 3 [F'07], 4 [F'07]; KOR 1[F09], 2[F09], 3, 4; PRSN 1, 2 [F'05], 3, 4; SPAN 1 2 [F'05], 3 (formerly 34) [F'05], 4 (formerly 35) [F'05], 6 [F'05]; or SL 1 (formerly SL 32 F'98) 2 [F'05], 3 [F'05], 4 [F'05]; OR students can fulfill the IGETC Language Other Than English (LOTE) proficiency requirement in one of the following ways **Note:** The following information is subject to change):

- 1) Official high school transcripts showing 2 years of high school coursework in one language other than English with a grade of "C-" or better in the fourth or later semester ("C-" for high school coursework is calculated as a "C" grade by the UC);
- 2) Complete, with at least a grade of "C" or better, one semester of any IGETC approved language other than English course at Saddleback College, or completion of any college-level foreign language course (excluding conversation courses) considered by the college to be equivalent to 2 years of high school foreign language. IGETC approved coursework above the proficiency level (e.g., above Foreign Language Level 1 at Saddleback College) may also be used to satisfy LOTE requirements and may also be used to satisfy IGETC requirements in Area 3 (Humanities) if on the college's approved IGETC certification list.
- 3) Achieve a satisfactory score on the SAT Subject Test in languages other than English (see a counselor for required test scores).
- 4) Achieve a score of 3 or higher on the College Board Advanced Placement (AP) Examination in a language other than English.
- 5) Achieve a score of 5 or higher on an International Baccalaureate (IB) Higher Level Examination in a language other than English.
- 6) Satisfactorily complete a proficiency test administered by a community college, university or other college in a language other than English. The test must assess student proficiency at a level equivalent to at least two years of high school foreign language.
7. (a) Official records which verify completion, with "C" grades or better, two years of formal schooling at the sixth-grade level or higher in an institution where the language of instruction is not English; or  
(b) If secondary school was completed in a non-English-speaking country and the language of instruction at the secondary school was not English, LOTE can be certified for IGETC. The student must present official documentation of attendance at the secondary school.

**U.S. HISTORY, CONSTITUTION, AMERICAN IDEALS (CSU GRADUATION REQUIREMENT ONLY):**

Students transferring to a CSU campus should complete HIST 7\* or 8\* or 16\* or 17\* or 22\* and PS 1\* to meet the American Institutions Requirement in addition to minimum IGETC requirements. Application of the above courses to area 4 as well as to the American Institutions and Ideals requirement is at the discretion of the CSU campus.

\*Course may be listed in more than one area but shall not be certified in more than one area.

\*\*Indicates that UC course credit may be limited. No credit may be given for an introductory course if taken after a more advanced college course, e.g., BIO 20 or GEOL 20. Credit may be limited for courses with overlapping content, e.g., HIST 7, 8, 16, 17, and 22 or MATH 2, 7, and 8. Refer to the "Courses Accepted for Transfer to the University of California" listing in this section of the catalog, and ASSIST at [www.assist.org](http://www.assist.org) and the Counseling Services office at Saddleback College for additional information.

**Note:** Courses listed above were approved at the time of catalog publication. Because additional courses may be approved and requirements for subsequent years are subject to change, check with the Counseling Services office at Saddleback College for the latest information.

### Certification of IGETC Requirements

Students must apply for the IGETC certification in the Office of Admissions and Records. Students can request IGETC certification from the Office of Admissions and Records only when an official transcript is being sent to either a University of California, a California State University, or any university or college which accepts IGETC certification. It is important to remember that coursework taken at other certifying community colleges will be certified only in areas certified by the community college where the course was completed on an approved California Community College course list in the year it was taken. Courses completed at non-certifying colleges and universities will be certified only when deemed equivalent to courses on approved California Community College course list or approved by Saddleback College faculty as meeting IGETC content and rigor standards.

**Note:** Coursework from Irvine Valley College or other community colleges with the same course number and/or title may not always be certified in the same category at Saddleback College for IGETC. Also similar coursework from accredited independent or private colleges will not always be certified unless the course content is deemed equivalent to courses on an approved California Community College course list or approved by Saddleback College faculty as meeting IGETC content and academic rigor standards.

### Partial Certification of IGETC Requirements

Student may be partially certified if deficient no more than two courses. If partially certified, the student has the option of completing the one or two remaining courses at another community college or at the transfer institution until the beginning of the second year of transfer. **Warning:** Students need Area 1 and 2 completed to meet minimum transfer admission requirements. Therefore, partial certification that acknowledges a deficiency in Area 1 and/or 2 may also indicate a student does not meet minimum transfer requirements.

## University of California General Education Breadth Requirements

As previously indicated, each University of California (UC) campus has unique graduation requirements. Articulation agreements listing equivalent Saddleback courses meeting general education breadth requirements for UC campuses are available in the Counseling Services office or refer to ASSIST website at [www.assist.org](http://www.assist.org)

Articulation agreement information regarding course-to-course and major requirements for UC campuses is also available on ASSIST.

## University of California Transfer Admission Programs

The UC campuses offer a variety of programs in support of transfer admission, particularly for community college students. Inquire in the Counseling Services office for information regarding the Transfer Admissions Guarantee (TAG) program with all UC campuses except UC Berkeley and UC Los Angeles. In addition, students completing the Honors Program at Saddleback College are eligible for priority or guaranteed admission to participating UC campuses such as UC Irvine

(Community College Honors Transfer Program), or UC Los Angeles (Transfer Alliance Program). For more information on available Honors UC transfer admissions programs, visit the Saddleback College Honors Program website: [www.saddleback.edu/ap/hon/transfer](http://www.saddleback.edu/ap/hon/transfer) or contact the Transfer Center.

## Independent California Colleges and Universities

There are 77 fully accredited independent colleges and universities currently affiliated with the Association of Independent California Colleges and Universities (AICCU) providing a host of options at undergraduate, graduate, and professional levels for students planning to continue their education beyond Saddleback College. There are many other private colleges and universities which are not affiliated with AICCU as well. Admissions policies vary widely from one school to another, and virtually all institutions give full credit for general education courses and usually for courses designated for transfer by the community college. A good rule to follow for independent colleges as well as for out-of-state institutions is to expect full credit for courses which are parallel in scope and content to courses offered for credit to lower-division "native" students at those institutions. Articulation agreements for many independent institutions are available in the Counseling Services office.

Independent colleges are flexible in admission policies and in awarding credit. They invite interested students to make an appointment with their Office of Admissions in order to discuss transfer opportunities on a personal basis.

Financial aid may be a primary factor in considering attending an independent college. Many students cut the cost in half by attending the community college for the lower-division program. Information on financial aid is available from financial aid offices on independent college campuses as well as in the Financial Aid office at Saddleback College.

Students are advised to refer to the AICCU's website at [www.aiccu.edu](http://www.aiccu.edu)

The following examples are illustrative of the variability of general education options for representative campuses accepting IGETC (IGETC/UC and/or IGETC/CSU options) and/or the CSU G.E. Certification pattern. The options listed for the example campuses are based upon information available at the time of catalog publication and are subject to change.

Example Campus	CSU G.E.	(CSU)IGETC	(UC)IGETC
<i>Azusa Pacific Univ.</i>		X+	
<i>Biola Univ.</i>		X+	
<i>Chapman Univ.</i>	X+	X+	X+
<i>Concordia Univ.</i>	X+	X+	X+
<i>Dominican College San Rafael</i>		X+	
<i>Golden Gate University</i>		X	
<i>Hope Int'l. Univ.</i>		X*+	X+
<i>Otis College-Art &amp; Design</i>		X+	
<i>Univ. of the Pacific</i>	X	X	X
<i>Univ. of Phoenix</i>	X+	X+	X+
<i>Univ. of San Francisco</i>		X+	
<i>Vanguard University</i>		X+	

### \*Campus preferred option

+Requires additional G.E. requirements. For details, refer to the catalog for the college of choice, or contact the Counseling Services office at Saddleback College.

Students are advised to refer to the transfer college of choice catalog, website, and contact their admissions office for details regarding campus-specific general education requirements and options.

## Other Independent Colleges and Universities

Interested students will also find additional formalized articulation agreements in the Counseling Services office with numerous other independent colleges and universities, including Azusa Pacific University, Biola University, Chapman University, Concordia University, Embry-Riddle Aeronautical University, Hope International University, Los Angeles College of Chiropractic, Loma Linda University, National University, Occidental College, Pepperdine University-The Graziadio School of Business and Management, South Baylo University, Southern California College of Optometry, University of Phoenix, University of Redlands, University of San Diego, University of Southern California, Westmont College, and Woodbury University, among many others.

## Transfer Major Patterns

### (Information Subject to Change without Notice)

In developing a program for transfer, first consideration should be given to completing the courses required in the major or as preparation for the major. The student also should complete the general education or breadth requirements for the college of choice. For most majors, there should be opportunities to work in elective courses in general education, in the major, or as opportunities to explore vocational/non-vocational interests.

The following pages list selected examples of course patterns at Saddleback College reflecting lower-division requirements for transfer majors which will articulate specifically with a university offering the degree or programs indicated. These are merely a few examples of the many majors available and are subject to change as articulation is a year-round process. The Saddleback College Articulation Officer, in cooperation with instructional faculty, will continue to establish new articulation agreements, especially for those majors about which a number of students inquire. Copies of articulation agreements with four-year institutions are available in Saddleback College's Counseling Office, or refer to the ASSIST website at [www.assist.org](http://www.assist.org) which is the official state-wide database listing CSU and UC campus-approved transfer agreements, general education requirements, and information on UC and CSU-transferable courses. Students are also advised to contact a Saddleback College counselor for more information and details regarding other transfer agreements and options not listed in this section or which may not be available on ASSIST for your transfer college choice.

### Articulation/Transfer Major Pattern Examples for Selected Programs and Campuses:

The following selected examples of transfer major patterns for representative colleges are based on articulation information available at the time of Saddleback College catalog publication deadlines and are subject to change without notice, as articulation is a year-round process. Please check with the Counseling office, and the ASSIST website at [www.assist.org](http://www.assist.org) for current articulation information.

## Anthropology

### CALIFORNIA STATE UNIVERSITY, FULLERTON (F)

### CALIFORNIA STATE UNIVERSITY, LONG BEACH (LB)

### SAN DIEGO STATE UNIVERSITY (SD) \*

#### Bachelor of Arts in Anthropology (CSUF, CSULB, SDSU)

Lower-division Preparation:

ANTH 1	F	LB	SD
ANTH 2	F	LB	SD
ANTH 3		LB	
ANTH 9	F	LB	
MATH 10			SD

\*San Diego State's Foreign Language Requirement: Proficiency equivalent to a Foreign Language level 3 is required, (Examples: FR 3, GER 3, SPAN 3, SL 3 at Saddleback College).

Refer to ASSIST at [www.assist.org](http://www.assist.org) for additional information regarding these programs.

General education requirements: California State University general education requirements are listed in the introduction to this section of the catalog.

## Architecture and Environmental Design Majors

### CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA

+Transfer credit for all Architecture (ARCH) course equivalencies listed below is subject to portfolio review at Cal Poly Pomona.

#### Bachelor of Architecture

This major is impacted and applications are accepted only during the CSU initial filing period for Fall. Refer to ASSIST at [www.assist.org](http://www.assist.org) for details regarding selection criteria and GPA requirements.

Lower-division Major Preparation: +ARCH 34, 42, 44, 124A, 136.

Cal Poly Pomona lower-division preparation should also include: ENG 1B\*; MATH 124\*; PHYS 2A; SP, 3. \*Note: The "Golden Four" (Oral Communication, English Composition, Critical Thinking and Quantitative Reasoning) G.E. Certification requirements must be completed no later than the Fall semester prior to Fall transfer.

#### Bachelor of Science in Landscape Architecture

Interested students are advised to consult with a Cal Poly Pomona advisor. **Note:** Students are advised to complete CSU G.E. Certification or IGETC Certification requirements prior to transfer, and required support courses: ART 80, MATH 124 AND CHEM 1A, HORT 113.

### CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO

+Transfer credit for all Architecture (ARCH) course equivalencies listed below is subject to portfolio review at Cal Poly San Luis Obispo.

#### Bachelor of Architecture

Lower-division Major Course Requirements: +ARCH 34, 42, 44, 136.

Lower-division Support Courses: +ARCH 10; MATH 3A, 3B; PHYS (2A or 4A).

#### Bachelor of Science in Architectural Engineering

Lower-division Support Courses: +ARCH 10, 34, 42, 44, 126, 136; CHEM 1A; GEOL 1; MATH 3A, 3B, 3C, 24, 26; PHYS 4A, 4B, 4C.

#### Bachelor of Science in City and Regional Planning

Lower-division Support Courses: +ARCH 10; CHEM 1A; MATH (2 or 7 or 8).

#### Bachelor of Science in Landscape Architecture

Lower-division Support Courses: +ARCH 10; BIO 3B; HORT 10, 11; MATH (2 or 7 or 8) and (2 or 124). Note: The prerequisite for BIO 3B is BIO 3A.

General Education and Breadth: See California State University general education certification or the Intersegmental General Education Transfer Curriculum (IGETC) sections in this catalog.

Refer to ASSIST at [www.assist.org](http://www.assist.org) and [www.ess.calpoly.edu/\\_admiss/undergrad/index.htm](http://www.ess.calpoly.edu/_admiss/undergrad/index.htm) for additional information and transfer selection criteria for Cal Poly San Luis Obispo's Architecture programs.

### UNIVERSITY OF CALIFORNIA, BERKELEY

#### Architecture

Lower-division Design Prerequisites: ARCH (34 and 44); ART (42 and 80).

*Lower-division Non-Design Skills Prerequisites:* ENG 1A, 1B, 25; MATH 3A, 3B.

UC Berkeley does not recommend IGETC for this major. Refer to the UCB catalog and ASSIST at [www.assist.org](http://www.assist.org) for details regarding course selection for G.E. breadth and program requirements. This major does not confer professional architect status.

## Art

### CALIFORNIA STATE UNIVERSITY, FULLERTON

#### Bachelor of Arts in Art

The Bachelor of Arts degree offers concentrations in Art History, General Studio Art, and Teaching.

*Art History Concentration:* ART 25, 26, and two courses from the following lower-division studio courses: ART 10, 11, 51, 52, 60, 61, 62, 70, 71, 72, 81, 85, 175, (ART 140 or GD 140), GD 144 ; plus nine units of transferable lower-division electives in American Studies, Anthropology, Art, History, Literature, Music, Philosophy, or Theater.

*General Studio Art Concentration:* ART 25, 26, 40, 41, 50, 80, 85, and at least 6 units of transferable lower-division elective courses from two of the following areas: Ceramics: ART 10, 11; Drawing and Painting: ART 51, 52, 81; Printmaking: ART 60, 61, 62, (ART 140 or GD 140), GD 144; Sculpture: ART 70, 71, 72, 175.

*Teaching Concentration:* (Single Subject Instruction—for teaching Art in Grades K-12): ART 10, 25, 26, 40, 41, 50, 51, 80, 85.

#### Bachelor of Fine Arts in Art

The Bachelor of Fine Arts degree at CSU Fullerton is a professional program providing directed studies in nine studio concentrations within the visual arts.

Upon admission to CSUF with art as the major, students are placed in the Bachelor of Arts category, whether entering as a freshman or transferring from a community college. After admission to CSUF students should contact the Art Department regarding procedures for changing their academic objective to the Bachelor of Fine Arts in Art. \*Students must provide proof of completion of the following lower-division studio core courses (12 units) with a "B" or better grade-point average for all concentrations listed:

*Studio Core Courses (12 units):* ART 40, 41, 50, 80

### CALIFORNIA STATE UNIVERSITY, LONG BEACH

#### Bachelor of Arts in Art \*Studio Art Option, Art History Option, or Art Education Option

*Lower-division Preparation:*

\**Studio Art Option:* ART 22, 25, 26, 40, 41, 50, 80, 85, and select one course from: GD 148 or PHOT 50 or ART 60 or GD 141; and select one course from ART 10 or 11 or 70 or 78; and select one course from GD 148 or PHOT 50 or ART 10 or 11 or 60 or 70 or 78 or GD 141 or ART 141 or ART 50.

\***Note:** The Studio Art option is impacted. Per CSULB, students must complete all general education requirements and all lower-division art prerequisites prior to the semester for which the application is submitted. Students will be admitted based on their overall GPA, on a space available basis. Portfolio of creative work and a letter of recommendation will be required.

*Art History Option:* ART 22, 25, 26, 40, 80; HIST 62, 63; and select one course from ART 41, 50, 70, 85; completion of two years of college-level French or German with an average grade of "B" or better—refer to the CSULB catalog for other options regarding the foreign language requirement for this major.

*Art Education Option:* ART 10, 11, 22, 25, 26, 40, 41, 50, 80, 85; GD 148. (Single Subject Instruction—major for teaching art in grades K-12)

### Bachelor of Fine Arts

The B.F.A. majors at CSULB are impacted. Refer to ASSIST at [www.assist.org](http://www.assist.org) and CSULB's admissions information website at [www.csulb.edu/depts/enrollment/admissions/impacted\\_major.html](http://www.csulb.edu/depts/enrollment/admissions/impacted_major.html) for details regarding supplementary admission criteria, GPA and other pertinent admissions information.

*Options include:* Art Photography, Ceramics, Drawing and Painting, Graphic Design, Illustration, 3-D Media, Printmaking and Sculpture.

For more information regarding this major, refer to the CSU Long Beach catalog, and ASSIST at [www.assist.org](http://www.assist.org)

Also refer to general education certification requirements in the introduction to this section of the catalog.

**IMPORTANT:** Admissions to all of the preceding programs at CSULB are on a competitive basis, and continuing CSULB students and transfer applicants will be considered equally. Transfer applicants must apply during the initial filing period and must designate the major on the application. Students who are not admitted to the major will be admitted to an alternate major if they have listed one on the application. If no alternate major is listed, the student will not be admitted to the university. Students are advised to refer to the current CSULB catalog, ASSIST at [www.assist.org](http://www.assist.org), and contact CSULB's College of the Arts for further details and selection criteria for these programs.

## Biological Sciences

### CALIFORNIA STATE UNIVERSITY, FULLERTON

#### Bachelor of Arts in Biological Science

The following four concentrations are available at CSU Fullerton: 1) Biodiversity, Ecology and Conservation Biology; 2) Cell and Developmental Biology; 3) Marine Biology; and 4) Molecular Biology and Biotechnology.

To qualify for a baccalaureate degree in Biological Sciences, students must have a 2.0 overall GPA in all required supporting courses. No credit will be allowed for biological science courses in which a grade of C- or lower is earned. Courses taken with the credit/no credit grading option may not be used.

*Lower-division Core Requirements:* BIO (3A and 3B and 3C) (complete entire sequence prior to transfer). An additional 5-unit course will be required after transfer.

*Lower-division Supporting Course Requirements:* The following courses will meet support-course requirements for all options in biology and should be included in general education requirements: CHEM 1A, 1B, (12A & 12B); PHYS (2A and 2B); MATH (3A or 11) (MATH 3A preferred).

Refer to the CSUF catalog and the ASSIST website at [www.assist.org](http://www.assist.org) for additional information regarding this program.

### CALIFORNIA STATE UNIVERSITY, LONG BEACH

#### Bachelor of Science in Biology

This degree includes a general biology option and six additional specialized options in biology education, botany, cell and molecular biology, ecology and environmental biology, physiology, and zoology.

Core Courses:

*Biology (General) Option:* BIO (3A & 3B & 3C); CHEM 1A, 1B; MATH 3A, 3B; PHYS (2A and 2B) or PHYS (4A & 4B)

*Biology Education Option - (This program is designed for the Single Subject Teaching Credential in Science-Biological Science Concentration):* ASTR 20; BIO 3A, 3B, 3C, 15 BIO/ENV 19; CHEM 1A, 1B; GEOL 1 or 20; MATH 3A; PHYS (2A and 2B) or PHYS (4A & 4B).

*Botany Option:* BIO (3A & 3B & 3C); CHEM 1A, 1B; MATH 3A, 3B; PHYS (2A and 2B) or PHYS (4A & 4B).

*Cell and Molecular Biology Option:* BIO (3A & 3B & 3C), 15; CHEM 1A, 1B; MATH 3A, 3B; PHYS (2A and 2B) or PHYS (4A & 4B).

*Ecology Option:* BIO (3A & 3B & 3C); CHEM 1A, 1B; GEOL 1; MATH 3A, 3B; PHYS (2A and 2B), or PHYS (4A & 4B).

*Physiology Option:* BIO (3A & 3B & 3C); CHEM 1A, 1B; MATH 3A, 3B; PHYS (2A and 2B) or PHYS (4A & 4B).

*Zoology Option:* BIO (3A & 3B & 3C); CHEM 1A, 1B; MATH 3A, 3B; PHYS (2A and 2B) or PHYS (4A & 4B).

### **Bachelor of Science in Marine Biology**

*Lower-division Preparation:* BIO (3A & 3B & 3C), (BIO 19 or ENV 19); CHEM 1A, 1B; MATH 3A, 3B; PHYS (2A and 2B) or PHYS (4A & 4B).

Refer to the CSU Long Beach catalog and ASSIST at [www.assist.org](http://www.assist.org) for additional information regarding both degree programs.

## **UNIVERSITY OF CALIFORNIA, IRVINE**

### **Bachelor of Science in Biological Sciences**

Preference will be given to junior-level applicants with the highest grades overall. One year of general chemistry (with laboratory) and an approved sequence of biological sciences are required prior to transfer.

Once enrolled at UCI, Biological Sciences majors may take only UCI courses to satisfy the major requirements.

*Lower-division Requirements:* BIO 3A, 3B, 3C, 22; CHEM (1A & 1B), (12A & 12B); MATH (3A & 3B preferred) or (\*MATH 3A and MATH 10) or (MATH 3A and 3C) or (MATH 3A and 26); PHYS (4A and 4B).

**\*Note:** The MATH 3A and MATH 10 combination is unique to this UCI major and should only be taken by students who are certain they will transfer to UCI.

For further details regarding GPA requirements and transfer selection criteria, refer to the UCI catalog and ASSIST at [www.assist.org](http://www.assist.org)

## **Business Administration**

Admission to many business programs is competitive. Students are strongly advised to complete all of the major preparation courses before transfer. Completion of major preparation and the highest possible GPA makes a student competitive.

## **CALIFORNIA STATE UNIVERSITY, FULLERTON**

### **Bachelor of Arts in Business Administration and Economics**

Areas of concentration for the Bachelor of Arts in Business Administration include: Accounting, Business Economics, Entertainment & Tourism, Entrepreneurship, Finance, Management, Information Systems, Management Science, and Marketing. A Bachelor of Arts in Economics is also offered (see Economics section of example transfer patterns). All courses for the major must be completed with a grade of "C" or better. The credit/no credit option may not be used for courses in the major.

*Lower-division Core Requirements:* ACCT 1A, 1B; BUS 14, 104; CIM 1; ECON 2, 4; MATH (3A or 11).

For further details regarding this program, refer to the CSU Fullerton catalog and ASSIST at [www.assist.org](http://www.assist.org)

### **Bachelor of Arts in International Business**

*Lower-division Core Requirements* (see Business Administration); and intermediate competency in one foreign language (level 3) in either Chinese, French, German, Japanese, Portuguese, or Spanish is prerequisite to a selected upper-division concentration.

All courses for the major must be completed with a grade of "C" or better. The credit/no credit option may not be used for courses in the major. For further details regarding this program, refer to the

CSU Fullerton catalog and ASSIST at [www.assist.org](http://www.assist.org)

## **CALIFORNIA STATE UNIVERSITY, LONG BEACH**

### **Bachelor of Science in Business Administration**

This is an impacted program. Refer to the CSULB catalog and ASSIST at [www.assist.org](http://www.assist.org) for additional information.

Options at the upper-division level in Business Administration include: Accountancy; Finance; Human Resources Management; International Business; Management; Management Information Systems; Marketing; Operations Management.

*Required Lower-division Preparation:* ACCT 1A; CIM 1; ECON 2, 4; MATH 9 or 10 (preferred), 11; PHIL (12 or 15) (**Note:** Accountancy majors must take PHIL 15, and MIS majors must take PHIL 12).

**ADD for the International Business Option:** Foreign Language preparation required is two years (four semesters) at the baccalaureate level in one of the following languages: Chinese, French, German, Italian, Japanese, Russian, or Spanish. The choice of language will determine the country or geographic area about which the student must study at the upper-division level after transfer. Refer to the CSULB catalog for additional information.

CSU General Education requirements: Refer to the introduction to this section of the catalog for information regarding certification of general education requirements for the California State University.

## **UNIVERSITY OF CALIFORNIA, IRVINE**

### **Bachelor of Arts in Business Administration**

Junior level applicants with the highest grades overall (min GPA 3.0) and who successfully complete lower division courses equivalent to calculus (Math 3A & 3B), economics (ECON 2 & 4), statistics (MATH 10) and accounting (ACCT 1A & 1B) will be given preference for admission.

Check ASSIST ([www.assist.org](http://www.assist.org)) for the latest information.

## **UNIVERSITY OF SOUTHERN CALIFORNIA**

### **Bachelor of Science in Business Administration**

*\*Required Lower-division Courses:* ECON 2, 4; ENG 1B; MATH (3A\*\* or 11\*\*).

\*In addition, students who successfully complete Saddleback's ACCT 1A and 1B with a grade of "B" or better will be allowed to enroll in USC's BUAD 305x rather than BUAD 250AB after transfer. Contact USC's Marshall School of Business-Office of Undergraduate Admissions at (213) 740-8885 or their website at [www.marshall.usc.edu](http://www.marshall.usc.edu) for more information.

\*\*The prerequisite for Saddleback's MATH 3A is MATH 2. The prerequisite for Saddleback's MATH 11 is MATH 8.

Please refer to the USC catalog for further details pertaining to program requirements, and the "Transferring to USC" booklet for general education and prerequisite information (available in the Counseling Services office), or online at [www.usc.edu/transferring](http://www.usc.edu/transferring)

## **Chemistry**

## **CALIFORNIA STATE UNIVERSITY, FULLERTON**

### **Bachelor of Science in Chemistry**

The Bachelor of Science Degree in Chemistry is recommended for students planning to go directly into professional chemistry and for those who plan to do graduate work in physical, analytical, organic, or inorganic chemistry.

*Required Courses Include:* CHEM (1A & 1B), (12A & 12B); MATH 3A, 3B, 3C, (24 & 26); PHYS 4A, 4B, 4C.

**Bachelor of Arts in Chemistry**

The Bachelor of Arts in Chemistry is offered for students who are planning careers which require a sound background in fundamental chemistry, but not at the depth of the Bachelor of Science degree, and is particularly suited for those who plan to go into areas such as secondary education, technical sales, food processing, chemical patent law, and forensic sciences.

*Required Courses Include:* CHEM 1A, 1B, (12A & 12B); MATH 3A, 3B; PHYS 2A, 2B.

Refer to the CSU Fullerton catalog and ASSIST at [www.assist.org](http://www.assist.org) for more information regarding both degree programs listed above.

**CALIFORNIA STATE UNIVERSITY, LONG BEACH****Bachelor of Science in Chemistry**

*Lower-division Requirements:* CHEM 1A, 1B; PHYS 4A, 4B, 4C; MATH 3A, 3B, 3C.

**Bachelor of Arts in Chemistry**

*Lower-division Requirements:* CHEM 1A, 1B; PHYS (2A and 2B) or (4A and 4B); MATH 3A, 3B.

**Bachelor of Science in Biochemistry**

*Lower-division Requirements:* CHEM 1A, 1B; BIO 3A, 3C; MATH 3A, 3B; PHYS 4A and 4B.

Refer to the CSU general education certification requirements in the introduction to this section of the catalog. Also refer to the CSULB catalog and ASSIST at [www.assist.org](http://www.assist.org) for additional information regarding these programs.

**UNIVERSITY OF CALIFORNIA, IRVINE****Bachelor of Science in Chemistry**

*\*Lower-division Requirements:* CHEM (1A & 1B), (12A & 12B); MATH (3A & 3B & 3C); PHYS (4A and 4B); Elective BIO 3C.

Much of the important chemical literature is printed in foreign languages, principally German, Russian, Japanese, Chinese and French. Reading competence in one or more of these languages is recommended by UCI. Students are expected to have the ability to express ideas in written English with clarity and precision. Refer to the UCI catalog and ASSIST at [www.assist.org](http://www.assist.org) for more information regarding this major.

**Chiropractic (pre-Chiropractic)****SOUTHERN CALIFORNIA UNIVERSITY OF HEALTH SCIENCES—LOS ANGELES COLLEGE OF CHIROPRACTIC**

Applicants for admission must have completed a minimum of 90 semester units applicable to a baccalaureate degree in the arts or sciences with a minimum cumulative GPA of 2.50 or higher on a 4.0 scale. These requirements may increase annually, culminating to a bachelor's degree and a minimum GPA of 3.00.

Students are advised to contact the Southern California University of Health Sciences / Los Angeles College of Chiropractic for further information regarding this program (562) 947-8755 or (800) 221-5222, and website: [www.scuhs.edu](http://www.scuhs.edu)

**Communications****CALIFORNIA STATE UNIVERSITY, FULLERTON****Bachelor of Arts in Communications\***

Core (required for all programs listed below): (JRN 1 or CTVR 1).

Advertising Concentration: (see core requirement)

Entertainment Studies Concentration: **ADD:** JRN 2

Journalism Concentration (see emphases below):

*Broadcast Journalism Emphasis:* **ADD:** JRN 2; CTVR 128

*Print Journalism Emphasis:* **ADD:** JRN 2; CTVR 128

*Visual Journalism Emphasis:* **ADD:** JRN 2

Photo Communication Concentration: **ADD:** JRN 2, PHOT 50

Public Relations Concentration: **ADD:** JRN 2

General education requirements can be satisfied by following the CSU General Education certification pattern outlined in the introduction to this section of the catalog. CTVR/JRN 1 cannot be double-counted for general education.

\*The Accrediting Council on Education in Journalism and Mass Communication has set forth strict guidelines for majors in communications. It is imperative that students check the CSU Fullerton catalog under "Department of Communications," Bachelor of Arts in Communications, for additional program requirements.

Refer to the CSUF catalog and ASSIST at [www.assist.org](http://www.assist.org) for additional information regarding these programs.

**CALIFORNIA STATE UNIVERSITY, LONG BEACH****Bachelor of Arts in Communication Studies (Options)**

*Lower-division Preparation:*

*Option in General Speech:* SP 1 or TA 35, 3, 5.

*Option in Interpersonal & Organizational Communication:* SP 1 or TA 35, 3, 5.

*Option in Communication, Culture and Public Affairs:* SP 1 or TA 35, 3, 5.

Refer to the CSULB catalog and ASSIST at [www.assist.org](http://www.assist.org) for additional information regarding these programs.

**Bachelor of Arts in Journalism**

Lower division preparation: JRN 1, 2.

Although JRN 1 is cross-referenced with CTVR 1, students must take Journalism 1 version.

Per the CSULB catalog, all students entering CSULB journalism production courses must be familiar with at least one established word-processing program at the level of at least 40 words per minute. CSULB journalism majors will be required to have a minor which is selected in consultation with a CSULB journalism adviser after transfer. Students interested in this program should contact CSULB's Journalism Department at (562) 985-4981 for additional information. Also refer to the CSULB catalog and ASSIST at [www.assist.org](http://www.assist.org)

General Education: Refer to CSU G.E. certification requirements.

**Dental Hygiene****LOMA LINDA UNIVERSITY**

Dental Hygiene Pre-Entrance Curriculum Requirements (Meet LLU General Education B.S. Requirements:

SCIENTIFIC INQUIRY & ANALYSIS:

*Natural Sciences* (minimum 15 semester units): BIO 11, 12, 15; CHEM 108; and one transferable math course.

*Social Sciences* (minimum 8 semester units), PSYCH 1, ANTH 2, SOC 1.

SPIRITUAL & CULTURAL HERITAGE:

*Cultural:* (minimum 14 semester units, which must include two areas): Select any transferable course from the following areas: history/civilization, fine arts (theory coursework), literature, philosophy/ethics, foreign language.

*Religion:* (minimum 3 semester units): Recommended to be taken after transfer.

**COMMUNICATION SKILLS:** (minimum of 9 semester units) ENG (1A and 1B) (required); select one course: SP (1 or 5).

**HEALTH & WELLNESS:** Select one course from: FN 50, 161, or HLTH 1; and select two PE activity courses.

**ELECTIVES:** Select electives to complete 64-unit entrance requirements

Students are advised to contact Loma Linda University School of Dentistry at (909) 558-4621 for further information regarding admissions requirements for this program.

**Note:** Information is available in the Saddleback College Counseling Services office regarding lower-division preparation for area Community College Dental Hygiene programs (e.g., Cerritos College and Cypress College).

## Dentistry (Pre-Dental)

There are five dental schools in California and admissions requirements vary and are very competitive: *UC Los Angeles; UC San Francisco; University of Southern California; Loma Linda University; and University of the Pacific*. High scholastic ability and manual dexterity are among the selection criteria for admission. Refer to the specific dental school catalog/bulletin and website for details regarding program and admissions requirements. Additional information on dental schools can be obtained from the American Dental Education Association website [www.adea.org](http://www.adea.org)

Candidates selected for admission to dental schools have generally completed three or four years of a rigorous pre-dental program. Students are advised to make normal progress toward a bachelor's degree. No particular major is required and preparation for dental school admission varies. See [www.adea.org/aadsas](http://www.adea.org/aadsas) for details.

## Economics

### CALIFORNIA STATE UNIVERSITY, FULLERTON

#### Bachelor of Arts in Economics

All Lower-division Core Requirements must be completed with a grade of "C" or better.

**Required Lower-division Core Courses:** ACCT 1A; BUS 104 ; CIM 1; ECON 2, 4; (MATH 3A or 11) and (MATH 3B or ACCT 1B).

See the CSUF catalog and ASSIST at [www.assist.org](http://www.assist.org) for additional information regarding program requirements.

General Education: Refer to California State University general education requirements in this catalog.

### UNIVERSITY OF CALIFORNIA, IRVINE

#### Bachelor of Arts in Economics

**Lower-division Preparation:** CS 1A, 4A and 4B; ECON 2, 4; MATH 3A, 3B, 3C, 26; and

**Two introductory social science courses from the following:** ANTH 1, 2, 3, 9; GEOG 1, 2, 3; PS 4; PSYC 1, 4; SOC 1.

Refer to the UC Irvine catalog or ASSIST at [www.assist.org](http://www.assist.org) for further details regarding this major.

## Education—Teaching

In California, professional teacher preparation (K-12) is a two- or three-semester program, typically taken after completion of the baccalaureate degree. THERE IS NO MAJOR IN EDUCATION. Before entering a teacher credential program students will be required to demonstrate basic skills competencies. The most common method to demonstrate these competencies is to pass the California Basic Educational Skills Test (CBEST). Many students preparing to become future teachers take this examination while they are at the community college. The Transfer Center Preparing for a Career in Teaching

(PACT) program provides academic counseling and other resources to assist students in choosing appropriate courses and majors to help them prepare for a career in teaching. These resources include workshops, university representative appointments, teacher examination information, campus tours, and the Student California Teacher Association (SCTA) Future Teachers Club. For further information please call 949-582-4328 or visit our website at [www.saddleback.edu/transfer/pact.html](http://www.saddleback.edu/transfer/pact.html).

### Elementary Education

Students planning to become elementary school teachers may select from a variety of undergraduate academic majors. In addition to passing the CBEST exam, these students will be required to pass the state approved California Subjects Examination for Teachers (CSET) Multiple Subjects in order to become elementary school teachers. This examination covers knowledge of language arts, mathematics, science, social science, visual and performing arts, physical education, and human development. PACT recommends meeting with a counselor to determine an appropriate major and coursework.

### Secondary Education

Although students planning to become secondary school teachers may complete any academic major, most students complete the degree major closest to the subject field in which they wish to be authorized to teach. In addition to passing the CBEST exam, these students will be required to pass the appropriate subject matter examination, the CSET, or to complete a state-approved Subject Matter Preparation Program (SMPP). PACT recommends meeting with a counselor to determine an appropriate major and coursework.

### Career Technical Education (CTE)

The Designated Subjects CTE Teaching Credential authorizes the holder to teach the CTE subjects named on the credential in grades K-12 and in classes organized primarily for adults in career technical instruction courses. For a list of CTE industry sectors, or for further information on credential requirements, please contact a PACT counselor.

### Community College

Community college teaching positions typically require the completion of a master's degree in the subject matter taught. For some CTE community college teaching positions, work experience may be used to waive portions of educational requirements.

## Engineering

### CALIFORNIA STATE UNIVERSITY, FULLERTON

#### Bachelor of Science Degrees for: Civil Engineering; Electrical Engineering; Engineering/Option in Engineering Science; Mechanical Engineering

**Math/Science Foundation Requirements for *all* Majors Listed:** MATH 3A, 3B, 3C, 24, 26; PHYS 4A, 4B

**Civil Engineering - ADD:** BIO 20; CHEM 1B, 3; ENGR 31, 33.

**Mechanical Engineering - ADD:** DR 23; ENGR 31, 33; PHYS 4C.

**Computer Engineering - ADD:** BIO 20; CS 1B, 1D, CIM 172; PHYC 4C

Refer to the CSUF catalog and ASSIST at [www.assist.org](http://www.assist.org) for further information regarding General Education requirements and selection criteria for these programs.

### UNIVERSITY OF CALIFORNIA, IRVINE

#### Bachelor of Science (Engineering majors listed)

**Lower-division Requirements:**

**Aerospace Engineering:** BIO 3A or CHEM 1B or GEOL 20, CHEM 1A ; CS 1B; ENGR 31; MATH 3A, 3B, 3C, 24, 26; PHYS 4A, 4B, 4C.

**Biomedical Engineering:** CHEM 1A and 1B; CS 1B; MATH 3A, 3B, 3C, 24, 26 and 10; PHYS 4A, 4B, 4C.

*Chemical Engineering:* CHEM 1A, 1B, 12A, 12B; CS 1B; MATH 3A, 3B, 3C, 24, 26; PHYS 4A, 4B.

*Civil Engineering:* CHEM 1A and 1B; CS 1B; ENGR 31; MATH 3A, 3B, 3C, 24, 26; PHYS 4A; PHYS 4B; ECON 2, 4; ENV 1; and select one course from: PHYS 4C, CHEM 1B, GEOL 20.

*Computer Engineering:* CS 1B, 1C, 3A, 1D & 4B or CS 1C; MATH 3A, 3B, 3C, 24, 26; PHYS 4A, 4B, 4C.

*Electrical Engineering:* CHEM 1A; CS 1B; MATH 3A, 3B, 3C, 24, 26; PHYS 4A, 4B, 4C.

*Environmental Engineering:* CHEM 1A, 1B, 12A; CS 1B; ENGR 31; MATH 3A, 3B, 3C, 24, 26; PHYS 4A & 4B.

*Mechanical Engineering:* CHEM 1A; CS 1B; ENGR 31; MATH 3A, 3B, 3C, 24, 26; PHYS 4A, 4B, 4C Choose one from CHEM 1B or BIO 3A or GEOL 20.

Per UCI, preference will be given to junior-level applicants with the highest grades overall. Students are advised to complete the lower-division degree requirements prior to transfer.

Additional information regarding program requirements and UCI G.E. breadth requirements is available in Saddleback's Counseling Services Office or refer to ASSIST at [www.assist.org](http://www.assist.org)

## English

### CALIFORNIA STATE UNIVERSITY, FULLERTON

#### Bachelor of Arts English

\*ENG 1A and a maximum of 12 units from the following courses may be selected. At least 30 units must be upper-division coursework after transfer to fulfill the 42 units required for the major. Students are urged to consult with a faculty advisor in the Department of English and Comparative Literature at CSUF.

\**Lower-division Preparation:* At least six units from: ENG 15A, 15B, 17A, 17B, or other transferable literature courses selected with CSU Fullerton advisor approval (maximum 12 units).

Refer to the CSUF catalog and ASSIST at [www.assist.org](http://www.assist.org) for more information regarding this program.

### UNIVERSITY OF CALIFORNIA, IRVINE

#### Bachelor of Arts in English

**Note:** In fulfillment of the requirements below, a single course may be used only once.

Select two courses from: ENG (15A-15B) or (17A-17B) or (21A-21B), ENG 25, 27A, 27B; **AND**

Two years in a single language other than English at university level (or equivalent): Arabic 4, French 4, German 4, Italian 4, Persian 4, Sign Language 4 or Spanish 4; **AND**

Complete ENG (1A and 1B) and HUM (10A and 10B); **OR** ENG (1A and 1B) and two courses from HUM 1, 2, 3;

#### OR

Select at least one course from each of the following areas for a total of at least four semester courses:

*Writing:* ENG 1A, 1B

*English Literature:* ENG 15A, 15B, 17A, 17B, 21A, 21B, 25, 27A, 27B

*History:* HIST 4, 5, 7, 8, 16, 17, 19, 27, 28, 62, 63, 70, 71, 74 and 75.

*Philosophy:* PHIL 1, 15

G.E. Breadth requirements: Information regarding UCI G.E. requirements is available in Saddleback's Counseling Services Office or refer to ASSIST at [www.assist.org](http://www.assist.org)

## History

### CALIFORNIA STATE UNIVERSITY, FULLERTON

#### Bachelor of Arts in History

Introductory Survey Course Requirements (12 units):

*U.S. History (six units):* HIST (16 and 17) or (16 and 20 or SOC 20) or HIST (16 and 22\*) or HIST (17 and 22) or HIST (17 and 20 or SOC 20)

*World Civilization (six units):* HIST (4 and 5).

*Recommended Electives:* Other social science courses including; additional history, geography, political science, psychology, sociology, and humanities, including art history, music history, and foreign languages.

Refer to the CSUF catalog and ASSIST at [www.assist.org](http://www.assist.org) for further information.

### CALIFORNIA STATE UNIVERSITY, LONG BEACH

#### Bachelor of Arts in History

*Lower-division Preparation (9 units):* HIST (16 or 17 or 19), can also be used to fulfill CSULB's requirement in U.S. history, and select at least two lower-division history courses from: HIST 4, 5, 62, 63, or consult with a CSULB program advisor regarding course selection.

Refer to the CSULB catalog and ASSIST at [www.assist.org](http://www.assist.org) for further information regarding program requirements.

General Education: Refer to the CSU general education certification pattern in the introduction to this section of the catalog.

### UNIVERSITY OF CALIFORNIA, BERKELEY

#### Bachelor of Arts in History

*Lower-division Requirements for the Major:*

Select one course from each of the following four areas:

- 1) *United States:* HIST (16 or 17)
- 2) *Europe/Western Civilization:* HIST (4 or 5)
- 3) *Asia, Africa or Latin America:* HIST 30, 70 or 71 or 72, 75, 80
- 4) *Elective:* Select an additional course from any of the above areas other than a course previously taken to fulfill requirements.

UCB recommends that students complete lower-division requirements prior to transfer. IGETC must be completed by the end of the spring term that precedes fall enrollment at UC Berkeley. Refer to the UCB catalog and ASSIST at [www.assist.org](http://www.assist.org) for additional information.

## Human Services

### CALIFORNIA STATE UNIVERSITY, FULLERTON

#### Bachelor of Science in Human Services

Community college transfer students may apply a maximum of 12 units of coursework in human services and related fields toward the 54-unit total required for the major. Transfer units must be approved by an advisor and the Program Coordinator at CSUF. Courses may be selected as follows (majors must achieve a grade of "C" or better in all courses included in the core curriculum and in the advisement track.):

CORE COURSES: HS 100, (110\* and 150\*), 120\*; MATH 10.

\*No upper-division credit granted by CSUF for HS 110, 120, 150.

**Note:** For transfer students who have completed an approved Alcohol and Drugs (CAADE-accredited program) or Eating Disorder Certificate Program at local community colleges, the CSUF Human Services program will accept up to eighteen (18) units of transfer credit for majors in the program. Students must show evidence of having completed the certificate program before transfer credit will be accepted. Students who have not completed the certificate program may apply a maximum of twelve (12) units of related coursework in human services or related fields toward the total of 54 units.

Refer to the CSUF catalog and ASSIST at [www.assist.org](http://www.assist.org) for additional information regarding this program.

General Education: See the general education certification requirements listed in the introduction to this section of the catalog.

## Law (Pre-Law)

No specific college major is required for admission to a school of law. A typical requirement for admission to a school accredited by the American Bar Association is that a student must have been granted a bachelor's degree from an accredited college or university. Some law schools, however, have alternate plans; therefore, students should consult the catalogs of the schools of law where they expect to apply for admission.

There is no definite pre-legal curriculum. The English major is highly recommended. The following recommendations are taken from guidelines supplied by the University of California Schools of Law at Berkeley, Davis, Los Angeles, and San Francisco. The student should obtain breadth in humanities, sciences, and liberal arts, such as anthropology, English, history, philosophy, mathematics and logic, sociology, economics, political science, and psychology. A general understanding of the business world is helpful, and strongly recommended is one year of accounting and the acquisition of computer skills. The student should develop writing competence and should take courses in which his or her work is edited vigorously.

## Marine Biology

The preparation for the major is generally the same as that for any other biological sciences major, including a year of physics, two years of chemistry, one to two years of biology, and mathematics through calculus.

### CALIFORNIA STATE UNIVERSITY, LONG BEACH

#### Bachelor of Science in Marine Biology

*Lower-division Preparation:* BIO 3A, 3B, 3C, 19; CHEM 1A, 1B; MATH 3A, 3B; PHYS 2A, 2B or PHYS 4A & 4B.

Refer to the CSULB catalog and ASSIST at [www.assist.org](http://www.assist.org) for further information.

## Mathematics

### CALIFORNIA STATE UNIVERSITY, LONG BEACH

#### Bachelor of Science in Mathematics

*Lower-division Requirements:* CS 4A or 4B; ENG 1B; MATH 3A, 3B, 3C, 26; PHYS 4A.

Refer to the CSULB catalog and ASSIST at [www.assist.org](http://www.assist.org) for further information. Also refer to CSU general education certification section of this catalog.

### UNIVERSITY OF CALIFORNIA, IRVINE

#### Bachelor of Science in Mathematics

*Lower-division Preparation:* MATH 3A & 3B & 3C, 24, 26; and select CHEM (1A and 1B) or PHYS (4A and 4B) or PHYS (4A and 4C) or PHYS (4A-4B-4C) sequence; and choose one equivalency from: CS 1B or CS (1A and 4A and 4B) (this combination equals UCI's ICS 21).

G.E. Breadth requirements: Information regarding UCI G.E. requirements is available in Saddleback's Counseling Services Office or refer to ASSIST at [www.assist.org](http://www.assist.org)

## Medicine (Pre-Medicine)

There are eight medical schools in California. Five of these are operated by the University of California (Davis, Irvine, Los Angeles, San Diego, and San Francisco). The three private schools are University of Southern California, Stanford University, and Loma Linda University. Preparation for admission requires high scholarship in three or usually four years of premedical study.

Typically medical schools will evaluate an applicant's abilities and personal qualities through several factors: college coursework and GPA (both cumulative GPA and science GPA); scores on admissions tests (e.g., MCAT); personal statement and interview; in-depth letters of recommendation; practical volunteer experience in a health profession; and research experience in biological medical, behavioral, or physical sciences. Extracurricular activities such as student clubs, organizations, athletics, and community involvement are recommended.

Students are advised to make normal progress toward a baccalaureate degree in a major of their choice. Admission requirements may vary from one school to another, and the following courses are a composite of minimum admission requirements to medical schools in general:

*Lower-division Preparation:* BIO 3A, 3B; CHEM 1A, 1B, 12A, 12B; PHYS (2A and 2B) or (4A and 4B) (preferred); MATH 3A, 3B; ENG 1A, 1B and an additional English course.

Detailed information about the offerings, requirements, and selection process should be obtained from the bulletin of the medical school in which the student is interested.

## Music

### CALIFORNIA STATE UNIVERSITY, FULLERTON

#### Bachelor of Arts in Music

Liberal Arts Concentration, \*Music History & Theory Concentration, Music Education Concentration

*Lower-division Preparation - Core Requirements:* MUS 10, 11, 12; and principle performance area (applied music - 4 units)

\**Allied Requirement for Music History & Theory Concentration: Proficiency in one foreign language (French, German, or Italian, preferably German, to be satisfied by one of the following:*

- 4 years study of foreign language at the secondary school level.
- Passing an exam given by CSUF's Department of Modern Languages & Literature.
- Completing the second semester of the beginning university sequence of a foreign language (at Saddleback College: FR 2 or GER 2).

*Music Theory Classes:* Transfer students are placed in required music theory classes based on their competence at entrance. Transfer credit will be given by CSU Fullerton only for those classes up to and including the student's demonstrated level of competence, regardless of how many courses or units have been taken.

*Music-Major Piano Classes:* All music majors at CSU Fullerton must reach a certain competency in piano. This may be achieved independently or through class-piano study. The CSU Fullerton Music Department does not require class piano in any degree program and thus does not grant transfer credit for piano classes, except as music electives.

#### Bachelor of Music

\*Composition Concentration, Instrumental Concentration, Keyboard Concentration, \*\*Voice Concentration, Accompanying Concentration, Commercial Music Concentration

*Lower-division Preparation - Core Requirements:* MUS 10, 11, 12; and principle performance area (applied music - 6 units)

\**Allied Requirement for Composition Concentration: Proficiency in one foreign language (French, German, or Italian, preferably German, to be satisfied by one of the following:*

- 4 years study of foreign language at the secondary school level.
- Passing an exam given by CSUF's Department of Modern Languages & Literature.
- Completing the second semester of the beginning university sequence of a foreign language (at Saddleback College: FR 2 or GER 2).

\*\* Allied Requirement for Voice Concentration: Same as Composition Concentration above, but two foreign languages must be satisfied.

*Music Theory Classes:* Transfer students are placed in required music theory classes based on their competence at entrance. Transfer credit will be given by CSU Fullerton only for those classes up to and including the student's demonstrated level of competence, regardless of how many courses or units have been taken.

*Music-Major Piano Classes:* All music majors at CSU Fullerton must reach a certain competency in piano. This may be achieved independently or through class-piano study. The CSU Fullerton Music Department does not require class piano in any degree program and thus does not grant transfer credit for piano classes, except as music electives.

Refer to the CSUF catalog and ASSIST at [www.assist.org](http://www.assist.org) for further information regarding these programs.

## Nursing

### CALIFORNIA STATE UNIVERSITY, FULLERTON

#### Bachelor of Science in Nursing

The CSU Fullerton program is an upper-division program designed for registered nurses seeking a Bachelor of Science degree in nursing. Among the admission requirements are the following: 1) Meet requirements for admission to the university as a transfer student; 2) Completion of an associate degree in nursing or its equivalent; 3) Current licensure as a registered nurse in California; 4) Completion of one year of satisfactory work experience as a registered nurse is recommended; 5) Completion of the following (with a minimum grade of "C" in each course):

*Lower-division Preparation:* BIO 11, 12, 15; CHEM (1A or 3 or 108 or 12A); PSYC 1; (SOC 1 or ANTH 2).

Refer to the CSUF catalog and ASSIST at [www.assist.org](http://www.assist.org) for more information regarding this program.

### CALIFORNIA STATE UNIVERSITY, LONG BEACH

#### Bachelor of Science in Nursing - Basic Nursing Program

This program is impacted and students must apply during the initial CSU application filing period. CSULB states that applicants to the upper-division major must also submit a supplemental application. Each applicant must also schedule a personal interview with a designated nursing faculty member at CSULB prior to transfer. Students are advised to refer to the CSULB catalog and ASSIST at [www.assist.org](http://www.assist.org) for details regarding program and admissions requirements.

*Lower-division Preparation:* BIO 11\*, 12\*, 15\*; CHEM 108\*; PSYC 1\*, SOC 1\*.

\*CSULB screening criteria equivalencies for this impacted major.

#### Bachelor of Science in Nursing - Registered Nursing Program

*Lower-division Preparation:* Earned accredited Associate Degree in Nursing, current California licensure as a Registered Nurse, and 60 transferable units including certification of general education requirements.

Students interested in CSULB's Nursing programs should complete CHEM 108 and contact CSULB's Nursing Department and ASSIST at [www.assist.org](http://www.assist.org) for current information regarding selection criteria and other details regarding program requirements.

### UNIVERSITY OF CALIFORNIA, LOS ANGELES

#### Bachelor of Science in Nursing

Please note: The RN/BS/Postlicensure program may be suspended for the 2011-2012 academic year, and would therefore not be open to new applicants. Please check with UCLA's School of Nursing before you apply.

The Nursing degree at UCLA is designed to prepare registered nurses (RNs) for advanced study at the graduate level. Emphasis is placed upon the preparation of nurses to meet the need for community-based care in a culturally diverse society. Admissions requirements include an Associate's Degree in Nursing from a state-approved program or a Diploma in Nursing from an accredited program, and current licensure as a Registered Nurse with a minimum of one year of full-time experience as an RN within the past five years. For additional information regarding admissions and course requirements, refer to the UCLA catalog and ASSIST at [www.assist.org](http://www.assist.org) for current details.

## Occupational Therapy

A master's degree will be required to practice as an entry-level Occupational Therapist in the United States. Occupational Therapy is a health-care profession that helps people who have been affected by accident or injury, disease, aging, developmental delay, or psychological disability make the necessary lifestyle changes to become more self-sufficient and independent. Career opportunities in Occupational Therapy vary and include hospitals, rehabilitation centers, nursing homes, public and private schools, day care facilities, patient homes, and corporations. Examples of universities offering Occupational Therapy programs at the master's level in California include CSU Dominguez Hills, Loma Linda University, San Jose State University, and the University of Southern California. Students are advised to contact the college or university of interest for further information on their OT program. Also refer to the Occupational Therapy Association of California (OTAC) website at [www.OTAConline.org](http://www.OTAConline.org)

## Pharmacy

The requirements for admission to schools and colleges of pharmacy vary. Students are advised to contact the institution of choice for details regarding special program and admission requirements. Normally a minimum of two years pre-pharmacy undergraduate preparation is required. Because of limited space and other factors, admission is very competitive. An increasing number of students are entering pharmacy schools after completion of the bachelor's degree.

### UNIVERSITY OF CALIFORNIA, SAN DIEGO

#### Bachelor of Science in Chemistry/Biochemistry: Pharmacological Chemistry

The Pharmacological Chemistry major provides a strong background in chemistry and includes most courses required by California pharmacy schools. The major is intended primarily as preparation for pharmacy schools, but students fulfilling their elective requirements with appropriate courses would be prepared for graduate school to obtain a Ph.D. in pharmacology or other areas of science. Degree recipients would also be prepared for most jobs in the biotechnology and chemical industries.

*Special Advising note:* Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UCSD. Students should complete all other transfer courses before taking organic chemistry.

*Recommended Lower-division Preparation:* BIO 3A & 3B; CHEM 1A, 1B, 12A, 12B; ECON (2 or 4); MATH 3A, 3B, 3C, 24; PHYS 4A, 4B, 4C.

Refer to the UCSD catalog and ASSIST at [www.assist.org](http://www.assist.org) for further information regarding this program.

### UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

#### Pre-Pharmacy Requirements

UC San Francisco is a graduate/professional institution requiring pre-professional preparation or graduate standing for admission. The following courses will satisfy the pre-pharmacy course requirements for the School of Pharmacy at UC San Francisco.

*Lower-division Preparation:* BIO 3A, 3C, 12; CHEM 1A, 1B, 12A, 12B; ENG 1A, 1B; MATH 3A, 3B; PHYS (2A or 4A), (2B or 4B); 18 semester units of UC-transferable Humanities/Social Science courses to include the following: ECON (2 or 4) and SP (1 or 3); and one of the following courses: ANTH 2, PSYC 1, or SOC 1.

Refer to the UC San Francisco School of Pharmacy catalog and ASSIST at [www.assist.org](http://www.assist.org) for further information regarding admissions requirements for this program.

## UNIVERSITY OF CALIFORNIA, SANTA BARBARA

### Bachelor of Science in Pharmacology

Students are admitted initially to the pre-major. Per UCSB, admission into the pre-major does not guarantee automatic admission to full major standing. For details regarding GPA, selection criteria and other admissions requirements refer to the UCSB catalog and website [www.lifesci.ucsb.edu](http://www.lifesci.ucsb.edu) and ASSIST at [www.assist.org](http://www.assist.org)

*Lower-division Preparation:* BIO 3A & 3B & 3C; CHEM 1A & 1B, 12A, 12B; (MATH 3A and 3B) or (MATH 11 and UCSB's MATH 34B after transfer), MATH 10 or (MATH 24 and 26); PHYS 2A, 2B.

## UNIVERSITY OF SOUTHERN CALIFORNIA

### Pre-Pharmacy Requirements

*Lower-division Preparation:* BIO 3A & 3C or 1A & 1C, 12, 15; CHEM 1A & 1B, 12A & 12B; ECON 4; ENG (1A and 1B); MATH 3A, 10; PHYS (2A and 2B) or (4A and 4B); (PSYC 1 or SOC 1); SP 1 or 5; **AND**

A bachelor's degree and the above pre-pharmacy courses are required.

For Physics, only one semester with lab is required. It is recommended that physics courses include thermodynamics and electromagnetism.

Students are advised to contact USC's School of Pharmacy at (323) 442-1466 or (323) 442-1369, and the USC website at [www.usc.edu](http://www.usc.edu) for further details regarding program requirements.

## Physical Therapy (Pre-Physical Therapy)

*The Commission on Accreditation in Physical Therapy Education (CAPTE) will no longer accredit baccalaureate degree programs.*

CSU Fresno, CSU Long Beach, CSU Northridge, CSU Sacramento, and San Francisco State University have Masters in Physical Therapy (MPT) programs. Interested students are advised to contact the campus of choice for further information and details regarding admissions and program requirements.

### \*General Requirements for CSU pre-Physical Therapy Programs:

The pre-physical therapy education requirements are similar to pre-medical and other pre-health professional programs. Students must follow a prescribed program leading to a bachelor's degree including coursework in appropriate physical, biological, and behavioral sciences. The physical therapy program at some campuses may be impacted; that is, the number of applicants exceeds the number that can be accepted; therefore, physical therapy applicants are subject to supplemental criteria in addition to those required for admission to a university. Students are advised to consult the catalog or graduate bulletin for specific information on MPT entrance and program requirements at the university of choice.

### \*Recommended Lower-division Preparation:

The following courses at Saddleback College are recommended as preparation for a major, as general education, or as electives to meet minimum screening requirements for CSU MPT programs: BIO 11, 12; CHEM 1A, 1B, 108; MATH 10; PHYS 2A, 2B; PSYC 1.

## WESTERN UNIVERSITY OF HEALTH SCIENCES

### Doctor of Physical Therapy (DPT)

A bachelor's degree from an accredited institution and completion of all DPT prerequisite coursework are required for admission.

*Lower-division Preparation for Prerequisites:* BIO 11, 12; CHEM 1A 1B; ENG 1A, 1B; MATH 10; PHYS 2A, 2B

Students are advised to contact Western University of Health Sciences at (909) 623-6116 for additional information as well as their website at [www.westernu.edu](http://www.westernu.edu)

## Physician Assistant

### LOMA LINDA UNIVERSITY

#### Masters of Science in Physician's Assistant

The applicant must have a baccalaureate degree from an accredited institution, and at least 1,000 hours of hands-on patient care experience.

*Lower-division Preparation:* BIO 11, 12, 15; CHEM 1A & 1B; ENG 1A, 1B; MATH 7; PSYC 1; (SOC 1 or ANTH 2). Recommended: CIM (1 or 10), MATH 10, HSC 201.

Students are advised to contact Loma Linda's School of Allied Health Professions at (800) 422-4558 and website [www.llu.edu/llu/sahp/](http://www.llu.edu/llu/sahp/) transfer for more details regarding admissions and program requirements.

## WESTERN UNIVERSITY OF HEALTH SCIENCES

### Physician Assistant Program

Admission to this program is on a competitive basis. All applicants admitted to the program must have earned a bachelor's degree from an accredited college or university.

*Lower-division Recommended Preparation/Prerequisites:* BIO 11, 12, 15; CHEM 1A, 1B; ENG 1A, 1B; MATH 7, 10; PSYC 1; SOC 1. Recommended: BIO 22 (formerly BIO 41), SPAN 1.

Students are advised to contact Western University of Health Sciences at (909) 623-6116 and website at [www.westernu.edu](http://www.westernu.edu) for further details regarding program and admissions requirements.

## Political Science

### CALIFORNIA STATE UNIVERSITY, FULLERTON

#### Bachelor of Arts in Political Science

*Lower-division Preparation:* PS 1 is a graduation requirement for all students and is not part of the political science major but is a prerequisite to further work in political science at CSUF. Students may apply no more than nine units total in lower-division courses toward the major. Intro requirement PS 4. Refer to the CSUF catalog and ASSIST at [www.assist.org](http://www.assist.org) for additional information.

General education requirements may be certified by following the CSU general education certification pattern outlined in this catalog.

### CALIFORNIA STATE UNIVERSITY, LONG BEACH

#### Bachelor of Arts in Political Science

Lower-division Requirements: PS 1.

*Concentration in Global Politics:* PS 12 and 14.

*Concentration in Political Theory:* PS 10

Refer to the CSULB catalog and ASSIST at [www.assist.org](http://www.assist.org) for additional information.

General education requirements may be certified by following the CSU general education certification pattern outlined in this catalog.

## Psychology

### CALIFORNIA STATE UNIVERSITY, FULLERTON

#### Bachelor of Arts in Psychology

*Lower-division Major Requirements:* MATH 10; PSYC 1, 2.

**Note:** A maximum of nine lower-division units of psychology courses are transferable toward the psychology major. Additional lower-division units taken in psychology at a community college and approved by CSUF may be used for university credit for graduation.

See the CSUF catalog and ASSIST at [www.assist.org](http://www.assist.org) for further information regarding this program.

### CALIFORNIA STATE UNIVERSITY, LONG BEACH

#### Bachelor of Arts in Psychology

*Lower-division Preparation:* MATH 10; PSYC 1, 2, 3.

**Note:** The CSULB catalog states that their PSY 301 must be completed during the first semester after transfer. Students are advised to contact CSULB's Psychology Department for details. Refer to the CSULB catalog and ASSIST at [www.assist.org](http://www.assist.org) for more information regarding GPA requirements and other admissions selection criteria for this impacted major.

### UNIVERSITY OF CALIFORNIA, IRVINE

#### Bachelor of Arts in Psychology

**Note:** In fulfillment of the requirements below, a single course may be used only once.

*Lower-division Preparation for the Major:* PSYC 1 and 3 and 30 or 37 (the preceding courses must be completed to receive transfer credit for UCI's PSYCH 9A-B-C required sequence); also select one course from: PSYC 2, 4, 7, 16, 21, 37, (30 if not taken above); and select two courses from: ANTH (1 or 2 or 3); ECON (2 or 4); GEOG (1 or 2 or 3) SOC 1; **AND**

CS 1A, 4A and 4B; and \*MATH (3A and 10) or a one-year statistics sequence taken after transfer.

\*The MATH 3A and MATH 10 combination is unique to this UCI major and should only be taken by students who are certain they will transfer to UCI.

#### Bachelor of Arts in Psychology and Social Behavior

This UCI major studies human behavior in social contexts, and investigates how different social environments (e.g., the family, school, workplace, culture) affect health and human behavior. The major provides a foundation that will enable graduates to work in the private or public sectors or to do graduate work in psychology, public health, health services, social work, counseling, or education. Refer to the UCI catalog for additional information regarding this program.

*Lower-division Preparation for the Major:* PSYC 1 & 3 & PSYC/SOC 30 or PSYC 37. All three courses must be taken to receive credit for P11A-P11B-P11C, (combination required as equivalency for UCI's PSY BEH P9); PSYC 2; MATH 10.

G.E. Breadth requirements: Information regarding UCI G.E. requirements is available in Saddleback's Counseling Services Office or refer to ASSIST at [www.assist.org](http://www.assist.org)

## Radio/Television/Film

### CALIFORNIA STATE UNIVERSITY, LONG BEACH

#### Bachelor of Arts in Film and Electronic Arts (Option in Theory and Practice of Cinema); and (Option in Narrative Production)

Applicants to this impacted upper-division major must have completed a minimum of 60 semester units with certification of G.E. requirements and a cumulative GPA of 3.00 or higher. Students interested in this major should refer to the CSULB catalog and ASSIST at [www.assist.org](http://www.assist.org) and contact an advisor at CSULB's College of the Arts

for details regarding admissions requirements and supplemental screening criteria.

*Lower-division Courses:* ART 20 or 26

Theory and Practice of Cinema *Core Courses:* CTVR 3, 100

Narrative Production *Core Courses:* CTVR 3, 100

General Education: Refer to California State University certification of general education requirements outlined in this catalog.

### CALIFORNIA STATE UNIVERSITY, NORTHRIDGE

#### Bachelor of Arts in Cinema and Television Arts (Available Options: Electronic Media Management; Film Production; Media Theory and Criticism; Radio Production; Television Production; Multimedia Production; Screenwriting)

*Lower-division Requirements for all Options listed:* CTVR 1/ or JRN 1 and CTVR 3.

**ADD** for Electronic Media Management Option: CTVR 40, 110 or 124.

**ADD** for Film Production Option: CTVR 40; PHOT 50.

**ADD** for Media Theory and Criticism Option: CTVR 40.

**ADD** for Multimedia Production Option: CTVR 40, 110 or 124.

**ADD** for Radio Production Option: CTVR 40, 110.

**ADD** for Screenwriting Option: CTVR 40, 110 or 124.

**ADD** for TV Production Option: CTVR 40, 124.

Admission to this program is limited, and students must initially apply for admittance into the pre-major. Students interested in this major are advised to contact a CSUN program advisor. For details regarding program requirements, refer to the CSUN catalog and ASSIST at [www.assist.org](http://www.assist.org)

## Sociology

### CALIFORNIA STATE UNIVERSITY, FULLERTON

#### Bachelor of Arts in Sociology

A maximum of nine lower-division units may be transferred from a community college and applied to the 36 units required in the major. Minimum requirements include SOC 1. The following courses can be transferred for credit toward the major within the nine-unit limitation:

SOC 1 (required); and select two courses from: SOC 15, 20 (or HIST 20), 21, 25, 30 (or PSYC 30). Coursework must be completed with a grade of "C" or better.

Refer to the CSUF catalog and ASSIST at [www.assist.org](http://www.assist.org) for further details. See the CSU general education certification section for specific G.E. requirements.

### CALIFORNIA STATE UNIVERSITY, LONG BEACH

#### Bachelor of Arts in Sociology

*Lower-division Preparation:* SOC 1, 2, and MATH 10. Recommended elective: ANTH 2.

Refer to the CSULB catalog and ASSIST at [www.assist.org](http://www.assist.org) for additional information regarding this program.

General Education: See CSU general education certification section for specific requirements.

## Veterinary Medicine

### UNIVERSITY OF CALIFORNIA, DAVIS

Requirements for Admission to the School of Veterinary Medicine:

Candidates for admission to the UC Davis veterinary medicine program must have completed the equivalent of at least 72 semester units at an accredited college or university. A baccalaureate degree is advisable. Students are advised to contact the School of Veterinary

Medicine at UC Davis at (530) 752-1383 or website at [www.vetmed.ucdavis.edu](http://www.vetmed.ucdavis.edu) and ASSIST at [www.assist.org](http://www.assist.org)

*Lower-division Preparation:* BIO 3A, 3B, 3C; CHEM 1A, 1B, 12A, 12B; PHYS (2A and 2B) or PHYS (4A and 4B and 4C).

*Additional Requirements:* ENG 1A, 1B, and one other UC-transferable English course (English, rhetoric, speech, or literature); MATH 10; and three UC-transferable courses in humanities and social sciences (history, sociology, languages, music, art, psychology, ethnic studies, anthropology).

*Veterinary and Animal Experience:* A minimum of 180 hours of relevant veterinary and animal experiences with types of activities that give an understanding and appreciation of veterinary medicine must be met in order to have an application evaluated.

## WESTERN UNIVERSITY OF HEALTH SCIENCES

### Veterinary Medicine Program (DVM)

*Lower-division Preparation:* BIO 3A, 3C, 15, 41; CHEM 1A, 1B, 12A, 12B; ENG (1A and 1B); MATH (3A or 10); PHYS 2A, 2B; SP 1; (PSYC 1 OR SOC 1); and 9 semester units in Humanities and Social Sciences..

Per Western University of Health Sciences, applicants are not required to have obtained an undergraduate degree (BA/BS), however earning a degree will likely strengthen your application. All applicants must take either the Medical College Admissions Test (MCAT) or the General Graduate Record Examination (GRE).

*Animal Experience Requirements:* Animal-related experience must total at least 500 hours of hands-on experience that goes beyond observation. Appropriate venues include but are not limited to: veterinary practices; animal medical environments; commercial animal production operations; regulatory animal control and humane shelters, animal entertainment (zoos, etc.), or animal research institutions.

Students are advised to contact the Western University of Health Sciences College of Veterinary Medicine for additional information regarding other admissions requirements. Phone: (909) 469-5628, and website [www.westernu.edu](http://www.westernu.edu)

### IMPORTANT NOTE

**The preceding examples of selected articulated major programs for representative colleges were based on articulation information and resources available at the time of Saddleback College catalog publication, and are subject to change without notice as articulation is a year-round process. Students are advised to obtain a copy of the catalog for their chosen transfer college, refer to their online catalog and \*ASSIST at [www.assist.org](http://www.assist.org), and meet regularly with a Saddleback College counselor.**

**The counseling staff and articulation personnel at Saddleback College, in cooperation with instructional divisions, will continue to develop articulation and transfer agreements, especially for those majors about which a number of students inquire.**

**\*ASSIST is the official California state-wide database listing a selection of campus-approved articulation agreements, G.E. requirements, and information on UC and CSU-transferable courses at [www.assist.org](http://www.assist.org)**

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### STUDENT RESPONSIBILITY FOR MEETING TRANSFER REQUIREMENTS

**Saddleback College counselors are available to assist students with the transfer process including appropriate course selection and information regarding admissions, general education, and major preparation requirements to prepare for a successful transfer to their college or university of choice. However, it is the responsibility of each student to work with a Saddleback College counselor to decide upon an educational goal, and to maintain a long-range educational plan. Students are advised to obtain a copy of the catalog for their chosen transfer college, and/or refer to their online catalog for any updates as articulation and transfer information is subject to change.**