

# Transfer Information

## Introduction

There are four segments of higher education in California: (a) the University of California (UC) system with nine campuses\*; (b) the California State University (CSU) system with 22† campuses; (c) the approximately 70 accredited independent colleges and universities; and (d) the 107 community colleges.

Students who plan to transfer to a four-year college or university, whether public or private, should give first consideration to completing the courses required in the major or as preparation for the major. Whenever possible, prospective transfer students should also complete the general education or breadth requirements of the college to which they intend to transfer. Most transfer major patterns allow students an opportunity to take elective courses in general education and in their major, and at the same time explore vocational or nonvocational interests.

Although an associate degree is not a requirement for transfer, the faculty of the School of Guidance and Counseling at IVC generally recommends that students complete the degree. With proper planning, students should be able to meet both the requirements for graduation from Irvine Valley College with an associate degree and the requirements for transfer to a four-year institution. Students may satisfy the associate degree requirements in a number of different ways. These options are described on page 16 of this catalog. The Counseling Office also provides specific information about Associate in Arts and Associate in Science degree requirements.

The faculty of the School of Guidance and Counseling, in cooperation with the faculty of the other academic schools, is involved in the ongoing process of working out articulation agreements to establish course equivalencies with four-year colleges and universities. Copies of articulation agreements are available in the Transfer Center and Counseling Office.

\* A 10th campus, UC Merced, is scheduled to open in 2004.

† A 23rd campus, CSU Channel Islands, is scheduled to open August 2002.

## Transfer Major Patterns

Many popular transfer major patterns for four-year institutions are available in the Transfer Center and Counseling Office. The patterns are intended to help students plan their educational program. **Because course and program changes may occur throughout the school year, students are always encouraged to consult the Transfer Center for the most up-to-date information.** An Irvine Valley College counselor can provide valuable assistance to students in pursuing the major and transfer institution of their choice.

## Transfer Center

The Transfer Center is located on the second floor of the Student Services Center in Room 220. It is a vital resource for all students who are planning to pursue a degree at a four-year college or university. Before beginning their lower-division coursework at Irvine Valley College, students should take advantage of the resources available in the center and meet with an IVC counselor to plan the best possible program of study. More information about the center is published on page 28.

## [www.assist.org](http://www.assist.org)

ASSIST is the official source for California articulation and student transfer information. It is a computerized student transfer information system that can be accessed over the World Wide Web at [www.assist.org](http://www.assist.org). The site displays reports of how course credits earned at one California college or university can be applied when transferred to another. Students may also access ASSIST from computers in the Transfer Center.

## General Education/ Breadth Requirements

Most educational institutions develop a set of general education or breadth requirements to insure that their graduating students have received a well-rounded education. On the pages that follow, students will find the California State University General Education Certification List and the Intersegmental General Education Transfer Curriculum. These articulation agreements are intended to assist students who plan to continue their education at a University of California or California State University campus. Also included is general information about transfer preparation. The Transfer Center and Counseling Office keep additional information about general education requirements of specific campuses of these institutions, as well as requirements of nearby independent colleges. Students are advised to visit the Counseling Office for assistance in planning a major program.

### **WHEN PLANNING LOWER-DIVISION COURSEWORK, REMEMBER:**

Students transferring to the CSU system have the option of completing the courses on the CSU General Education Certification list (see page 214) or the Intersegmental General Education Transfer Curriculum—IGETC (see page 219). Students transferring to the UC system have the option of completing either the IGETC or the general education/breadth requirements of the UC campus to which they will transfer. Transfer students who plan to transfer to a four-year college or university, whether public or private, should give first consideration to completing the courses required in the major or as preparation for the major.

## Frequently Asked Questions about Transferring

### 1. What courses do I “have to” take?

That depends on what your goals are. It's important to take at least one or two courses in areas you are considering as majors. The first two years of college are the best time to explore a major—this takes time, and ideally you'll want to know your major by the time you transfer. So pick classes that sound interesting. If you already know what you're going to major in and/or where you're going to transfer to from IVC, see a counselor for a specific list of requirements. Keep in mind that *the average student changes his or her major three times* in the course of earning a degree.

### 2. Do I have to get all the “requirements” out of the way first?

Basically, if you're not sure where you're going, how do you know *which* set of requirements to follow? Every university is going to have a similar, but somewhat different, pattern of requirements. Specific majors have extensive requirements that must be completed prior to transferring. Examples of these majors are engineering, architecture, art, music, and most sciences (consult a counselor regarding requirements for these majors).

**IMPORTANT!** Be sure to **take math and writing early in your college career**. If you are transferring to CSU Long Beach, Northridge, Pomona, San Diego, San Luis Obispo, San Marcos or Sonoma, you must complete “Area A” (Speech, Critical Thinking and Composition) and “Area B4” (Math) of the CSU General Education requirements by the end of spring 2001 semester for fall admission, and by the end of summer for spring admission.

### 3. What if I don't know what I want to major in and have no idea of where I want to transfer?

This is typical of freshmen everywhere. Again, these decisions take time and exposure, so don't pressure yourself into making a premature decision. Deciding what you will major in may eliminate a certain amount of anxiety, but if you make an unexamined choice, you may easily select the wrong major. And you may risk losing valuable time to explore the possibilities if you commit too early to a restricted course of study. There are certain courses that may be applied almost universally to the general education requirements of most four-year colleges and universities. Get these lists from the School of Guidance and Counseling and pick courses which will apply across the board to all the colleges you're considering. *Be sure to verify your choices with a counselor before you register.*

### 4. How can I become eligible to transfer as a junior to the UC or CSU system?

If you're not eligible to enter UC or CSU as a high school senior, you need to complete **56 transferable units with a minimum 2.0 GPA (grade point average) for CSU, and 60 transferable units with a minimum 2.4 GPA for UC**. You must also clear up any course deficiencies you may have had as a graduating high school senior (i.e., algebra, English, lab science, etc.). If you meet these standards, UC and CSU must accept you, provided you submit an application during the appropriate filing period. As a community college student, you will be given preference over transfer students from four-year universities. The only exception to this policy is entrance into impacted majors, where you must meet other criteria as stipulated. Check with a counselor to find out if the major you're considering is impacted at any of the UC or CSU campuses.

### 5. How can I tell if a course is transferable?

The “transferability” of a course is indicated by its number. Almost every IVC course numbered 1-199 will transfer to the CSU system. UC will accept most courses numbered 1-99; however, there are exceptions to this rule. Be sure to check the UC Course List (**page 217-218**) and confer with an IVC counselor if you have any questions about the transferability of a particular course.

### 6. What's an associate degree (A.A., A.S.)? And do I need one in order to transfer?

An Associate in Arts or Associate in Science degree signifies you have completed two years of college study. Having the degree can be useful when you are applying for jobs or seeking promotions at work. You do **not** have to complete the degree in order to transfer, but you can earn the degree by completing the same courses as those required to transfer. For many students, getting the degree is rewarding—it functions as a benchmark along the way to a bachelor's degree.

### 7. What are “articulation agreements”?

These are agreements developed cooperatively between IVC and other colleges indicating course equivalency and transferability. They are used as guidelines in planning your transfer program. IVC has developed articulation agreements with several UC and CSU campuses, along with many of the private colleges in the Orange County and Los Angeles area. If you are planning to attend a college or university for which IVC has no current articulation agreement (check with the School of Guidance and Counseling), you should make an appointment with a counselor to develop one. Bring the catalog of the transfer institution with you to the appointment. Since articulation agreements normally take several months to process, be sure to get an early start.

# California State University (CSU)

**NOTE: Students who are interested in clearing high school scholastic or subject deficiencies at Irvine Valley College prior to attending California State University (CSU) should refer to the CSU application or consult the IVC Counseling Center for assistance: (949) 451-5319.**

## Transfer Requirements

You will qualify for admission to the California State University (CSU) system as a transfer student if you have a grade point average of 2.0 ("C") or better in all transferable units attempted, are in good standing at the last college or university you attended, and meet any of the following standards:

1. You will meet the freshman admission requirements (courses and test scores) in effect for the term for which you are applying.
2. You were eligible as a freshman at the time of high school graduation and have been in continuous attendance in an accredited college since high school graduation.
3. You were eligible as a freshman at the time of high school graduation except for the subject requirements, have made up the missing subjects at a high school or college, and have been in continuous attendance in an accredited college since high school graduation.

4. You have completed 56 or more transferable semester (84 quarter) units **and** meet the requirements listed below based on your high school graduation date. Nonresidents must have a 2.4 grade point average or better.

Applicants who graduated from high school 1988 or later:

- Have completed all subject requirements in effect when graduating from high school (you can use both high school and college course work) **OR**
- Have completed at least 30 semester units of college course work with a grade of "C" or better *in each course* to be selected from courses in English, arts and humanities, social science, science, and mathematics at a level at least equivalent to courses that meet general education requirements. The 30 units must include all of the general education requirements in communication in the English language and critical thinking (at least 9 semester units) and the requirement in mathematics/quantitative reasoning (usually 3 semester units) **OR** the Intersegmental General Education Transfer Curriculum (IGETC) requirements in English communication and mathematical concepts and quantitative reasoning.

Applicants who graduated from high school prior to 1988:

- Have completed four years of high school English and two years of high school math, with grades of "C" or better **OR**
- Have completed a baccalaureate course with a grade of "C" or better that meets the general education requirement in written communication and a course with a grade of "C" or better that meets the general education requirement in mathematics/quantitative reasoning **OR** IGETC requirements in English composition and mathematical concepts and quantitative reasoning. The course meeting either general education math requirement must be above the level of intermediate algebra.

## CSU General Education Requirements

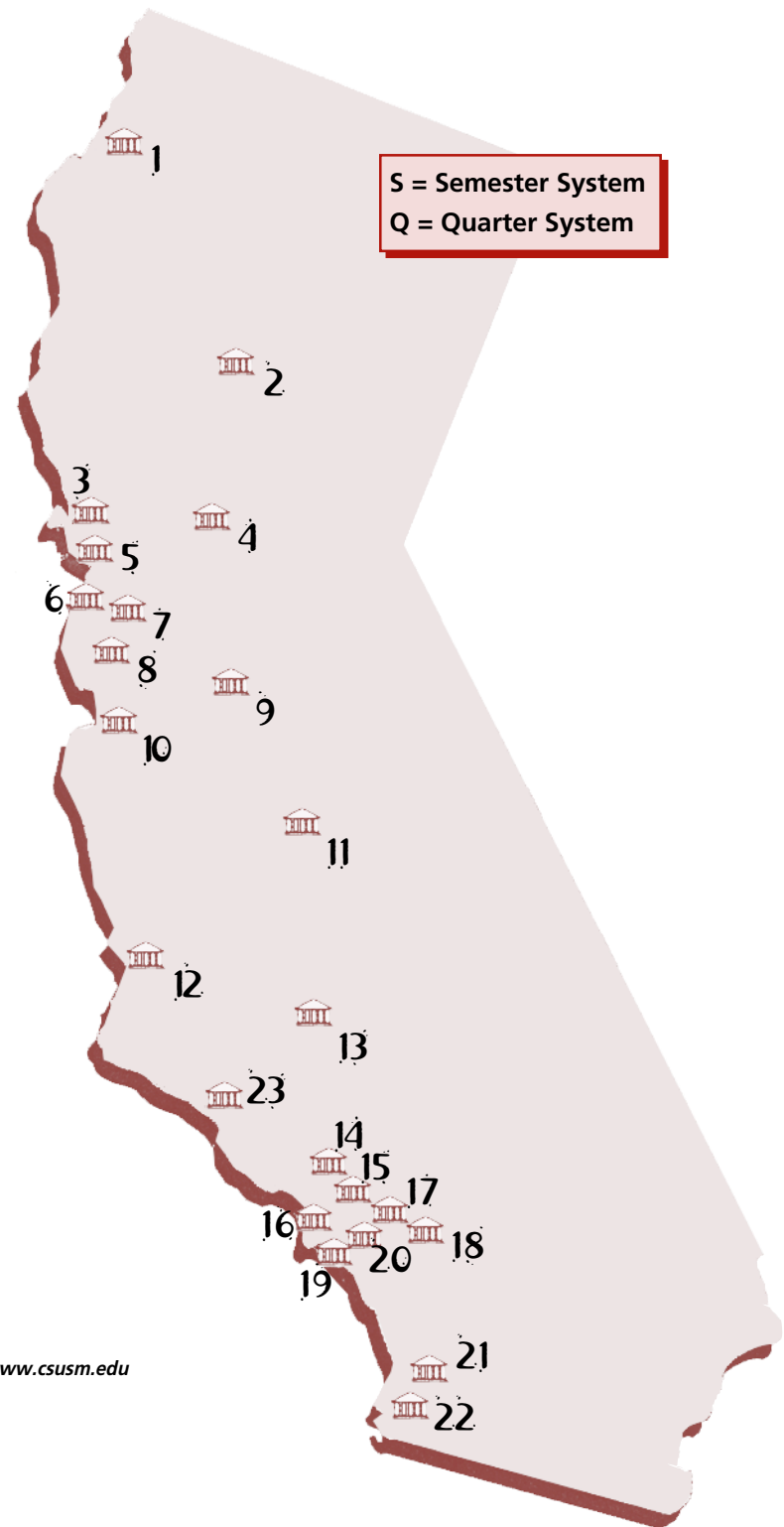
Students planning to graduate from any CSU campus must complete **48 units in general education, 39 of which may be completed at IVC prior to transfer. Nine semester units of upper-division coursework in general education must be completed after transfer at the campus awarding the degree.**

Area requirements and courses of the 2001-2002 General Education Certification List (page 214) apply to all students, continuing and new, transferring to CSU beginning Fall 2001. Requests for certification should be made in the IVC Transfer Center.

**Certification will be provided only for students who have completed a minimum of 12 units at Irvine Valley College.**

# California State University Campuses

- (1) **HUMBOLDT STATE UNIVERSITY (S)**  
1 Harpst Street, Arcata 95521-4957 (707) 826-4402 • [www.humboldt.edu](http://www.humboldt.edu)
- (2) **CSU CHICO (S)**  
1st & Normal Streets, Chico 95929-0722 (530) 898-6321 • [www.chico.edu](http://www.chico.edu)
- (3) **SONOMA STATE UNIVERSITY (S)**  
1801 East Cotati Avenue, Rohnert Park 94928 (707) 664-2778 • [www.sonoma.edu](http://www.sonoma.edu)
- (4) **CSU SACRAMENTO (S)**  
6000 J Street, Sacramento 95819-6112 (916) 278-3901 • [www.csu.edu](http://www.csu.edu)
- (5) **CALIFORNIA MARITIME ACADEMY (S)**  
200 Maritime Academy Drive, P.O. Box 1392, Vallejo 94590 (800) 561-1945 • [www.csum.edu](http://www.csum.edu)
- (6) **SAN FRANCISCO STATE UNIVERSITY (S)**  
1600 Holloway Avenue, San Francisco 94132-4002 (415) 338-1113 • [www.sfsu.edu](http://www.sfsu.edu)
- (7) **CSU HAYWARD (Q)**  
25800 Carlos Bee Boulevard, Hayward 94542-3035 (510) 885-2624 • [www.csuhayward.edu](http://www.csuhayward.edu)
- (8) **SAN JOSE STATE UNIVERSITY (S)**  
One Washington Square, San Jose 95192-0009 (408) 283-7500 • [www.cjsu.edu](http://www.cjsu.edu)
- (9) **CSU STANISLAUS (4-1-4)**  
801 West Monte Vista Avenue, Turlock 95382 (209) 667-3151 • [www.csustan.edu](http://www.csustan.edu)
- (10) **CSU MONTEREY BAY (S)**  
100 Campus Center Drive, Seaside 93955-8001 (831) 582-3518 • [www.monterey.edu](http://www.monterey.edu)
- (11) **CSU FRESNO (S)**  
5150 North Maple Avenue, Fresno 93740-0057 (559) 278-2261 • [www.csufresno.edu](http://www.csufresno.edu)
- (12) **CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO (Q)**  
San Luis Obispo 93407 (805) 756-2311 • [www.calpoly.edu](http://www.calpoly.edu)
- (13) **CSU BAKERSFIELD (Q)**  
9001 Stockdale Highway, Bakersfield 93311-1099 (661) 664-3036 • [www.csubak.edu](http://www.csubak.edu)
- (14) **CSU NORTHRIDGE (S)**  
18111 Nordhoff Street, Northridge 91330-8207 (818) 677-3700 • [www.csun.edu](http://www.csun.edu)
- (15) **CSU LOS ANGELES (Q)**  
5151 State University Drive, Los Angeles 90032-8530 (323) 343-3901 • [www.calstatela.edu](http://www.calstatela.edu)
- (16) **CSU DOMINGUEZ HILLS (S)**  
1000 East Victoria Street, Carson 90747 (310) 243-3696 • [www.csudh.edu](http://www.csudh.edu)
- (17) **CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA (Q)**  
3801 West Temple Avenue, Pomona 91768-4003 (909) 869-2000 • [www.csupomona.edu](http://www.csupomona.edu)
- (18) **CSU SAN BERNARDINO (Q)**  
5500 University Parkway, San Bernardino 92407-2397 (909) 880-5200 • [www.csusb.edu](http://www.csusb.edu)
- (19) **CSU LONG BEACH (S)**  
1250 Bellflower Boulevard, Long Beach 90840-0106 (562) 985-5471 • [www.csulb.edu](http://www.csulb.edu)
- (20) **CSU FULLERTON (S)**  
P.O. Box 6900, Fullerton 92834-6900 (714) 278-2300 • [www.fullerton.edu](http://www.fullerton.edu)
- (21) **CSU SAN MARCOS (S)**  
Office of Admissions, 333 S. Twin Oaks Valley Road, San Marcos 92096-0001 (760) 750-4800 • [www.csusm.edu](http://www.csusm.edu)
- (22) **SAN DIEGO STATE UNIVERSITY (S)**  
5500 Campanile Drive, San Diego 92182-7455 (619) 594-6871 • [www.sdsu.edu](http://www.sdsu.edu)
- (23) **CSU CHANNEL ISLANDS (Scheduled to open in August 2002)**  
One University Drive, Camarillo, CA 93012 (805) 437-8400 • [www.csuci.edu](http://www.csuci.edu)



**S = Semester System**  
**Q = Quarter System**

# CSU Certification List: Irvine Valley College 2001-2002

This list is effective for all students—continuing and new—transferring to California State University beginning Fall 2001.

*Courses in Areas A1-A3 and Area B4 must be completed with a grade of "C" or better.*

Prior to graduation from CSU, students must fulfill the American Institutions Requirement. Political Science 1 and History 20 or 21 or 22 will fulfill this requirement. The two courses used to meet this requirement may also be used to meet 6 of the 9 units in Area D.

## AREA A: COMMUNICATIONS

A minimum of 9 semester units or 12-15 quarter units, including one course from each of the three categories below.

### A1: SPEAKING

Speech 1

### A2: WRITING

Writing 1

### A3: CRITICAL THINKING

Philosophy 3, 4, 8

Reading 174†

Speech 2, 3

Writing 2

† May be applied to CSU certification beginning Fall 1995. May not be applied to CSU certification if completed prior.

## AREA B: SCIENCE AND MATHEMATICS

A minimum of 9 semester units or 12-15 quarter units, including at least one course in the physical sciences, one course in the biological sciences, and one course in mathematics. At least one course must be a lab science.

### B1: PHYSICAL SCIENCES

Astronomy 20, 20/25\*

Chemistry 1A\*, 3\*, 4\*, 100\*

Earth Science 20\*

Geography 1, 5

Geology 1\*, 2\*, 3, 10\*, 23\*, 110

Marine Science 20\*

Physics 2A\*, 4A\*, 20\*

### B2: BIOLOGICAL SCIENCES

Anthropology 1

Biology 1, 1/1L\*, 2\*, 3, 3/3L\*, 4, 5\*, 6, 6/6L\*, 7,

11\*, 12, 12/12L\*, 19, 30†, 43

### B3: LABORATORY SCIENCE COURSES

Any laboratory science course indicated by an asterisk in categories B1 and B2 meets this requirement.

### B4: MATHEMATICS

CIS 6A°, CIS 6B°, Mathematics 2, 3A, 3B, 4A, 8, 9,

10, 11, 13, 24, 26, 30°, 31°, 105, 124

\* Any laboratory science course indicated by an asterisk in categories B1 and B2 meets the laboratory science (B3) requirement.

° Cross-listed course: credit will be given in one area only

† May be applied to CSU certification beginning Fall 1997. May not be applied to CSU certification if completed prior.

## AREA C: ARTS, LANGUAGES AND HUMANITIES

A minimum of 9 semester units or 12-15 quarter units distributed among the disciplines. At least 3 units must be from the Arts and 3 units from the Humanities.

### C1: ARTS

Art 4, 40, 80

Dance 77

Fine Arts 27

Graphic Design 150

Leadership 100°

Music 1, 17‡, 20, 25, 26, 27, 28, 30, 32, 37, 40, 41,

44, 54, 55, 56, 58, 80, 81

Photography 1, 50, 55, 56, 160

Speech 30°, 31°, 100°, 106

Theatre Arts 1, 8, 10, 11, 15, 16, 17, 19, 20, 21, 25,

26, 28, 30°, 31°, 40B†

‡ Credit will be given in either Area C or Area D, not both.

° Cross-listed course: credit will be given in one area only

† May be applied to CSU certification beginning Fall 1997. May not be applied to CSU certification if completed prior.

### C2: HUMANITIES

Art 20, 21‡, 25, 26, 28

Foreign Language: Chinese 1, 1A/1B\*; any French, Japanese, or Spanish course numbered 1-10; French 20; Japanese 21

History 10, 11

Humanities 1, 2, 3, 4, 50, 70, 71

Literature 1, 20, 21, 22, 23, 24, 30, 31, 32, 33,

40, 41, 42, 43, 44, 45, 46

Philosophy 1, 2, 5, 6, 10, 11

Sign Language 132, 133, 134, 135

Writing 10, 11, 12, 13, 15

\* Chinese 1A/1B must be taken together for credit.

‡ Credit will be given in either Area C or Area D, not both.

## AREA D: HISTORY AND SOCIAL SCIENCES

A minimum of 9 semester units or 12-15 quarter units. No more than 6 units may be taken in a single discipline.

### D1: ANTHROPOLOGY AND ARCHEOLOGY

Anthropology 2, 3, 4, 9

### D2: ECONOMICS

Economics 1, 2, 20

### D3: ETHNIC STUDIES

History 33

Music 17‡

Sociology 20

### D4: GENDER STUDIES

Anthropology 21

Art 21‡

History 51

Psychology 21

Sociology 19†, 21

Women's Studies 10

## D5: GEOGRAPHY

Geography 2, 3, 38

## D6: HISTORY

History 12, 13, 20, 21, 22, 24, 31, 32, 40, 41, 45°

Political Science 45°

## D7: INTERDISCIPLINARY, SOCIAL, OR BEHAVIORAL SCIENCE

Environmental Studies 1

## D8: POLITICAL SCIENCE, GOVERNMENT AND LEGAL INSTITUTIONS

History 45°

Political Science 1, 4, 5, 12, 14, 17, 45°

## D9: PSYCHOLOGY

Human Development 7°

Psychology 1, 2, 3, 5, 7°, 8, 30°

Sociology 30°

## D0: SOCIOLOGY

Human Development 15°

Psychology 30°

Sociology 1, 2, 10, 15°, 30°

† May be applied to CSU certification beginning Fall 1996. May not be applied to CSU certification if completed prior.

‡ Credit will be given in either Area C or Area D, not both.

° Cross-listed course: credit will be given in one area only

## AREA E: LIFE SKILLS REQUIREMENT

A minimum of 3 semester units or 4-5 quarter units. No more than 1.5 units of physical education activity courses and/or dance courses may be used to fulfill this requirement.

Applied Psychology 100, 102, 103, 104, 140†, 150, 160

Biology 44

Dance 1, 6, 7, 12, 13, 17, 18, 22, 30, 36, 50, 55, 65

Health 1

Nutrition 1

Physical Education 1, 4, 5†, 6, 8, 9, 11‡, 12‡, 13‡,

19, 20, 22, 23, 25, 26, 27, 47, 70, 71, 73, 74, 75,

76, 77, 78, 79, 90, 91, 92, 94, 96, 97, 130▲, 132,

135, 136

Physical Education/Special Services 1, 4, 6

Psychology 133

Reading 171

Women's Studies 100, 120

† May be applied to CSU certification beginning Fall 1995. May not be applied to CSU certification if completed prior.

‡ May be applied to CSU certification beginning Fall 1996. May not be applied to CSU certification if completed prior.

▲ May be applied to CSU certification beginning Fall 1994. May not be applied to CSU certification if completed prior.

## Minimum Requirements for Transfer Applicants

**PLEASE NOTE:** The following requirements cover only those necessary for minimum eligibility. Completion of these requirements does not guarantee admission to the University of California, especially into impacted majors.

### **REQUIREMENTS FOR STUDENTS TRANSFERRING TO UC IN FALL 1998 AND LATER—**

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—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 also take **transferable** college courses in the missing subjects (as described in Option 2), earning a "C" or better in each required course, and have an overall "C" average in all transferable 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 90 quarter units or 60 semester units of **transferable** college credit with a grade point average of at least 2.4, and 2.8 or higher for nonresidents; *and*
  - b. Complete a course pattern requirement to include:
    - two transferable college courses (3 semester or 4-5 quarter units each) in English composition; *and*
    - one transferable college course (3 semester or 4-5 quarter units) in mathematical concepts and quantitative reasoning; *and*
    - 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, the physical and biological sciences.

**Students who satisfy the Intersegmental General Education Transfer Curriculum—IGETC—prior to transferring to UC will satisfy Option 3b above of the new transfer admission requirements.**

## UC Program Planning

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 prior, the University has a common set of requirements which specify minimum eligibility for admission as a transfer. 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 either—

- (1) Completing the campus-specific breadth requirements, or
- (2) Completing the **Intersegmental Transfer Curriculum (IGETC) outlined on page 219** of this catalog.

Students should refer to the catalog of the particular UC campus they plan to attend for a list of breadth requirements (many are available in the IVC Transfer Center). The Irvine Valley College counseling staff will assist students in planning a transfer program.

### **3. TRANSFER CREDIT**

A minimum of 120 units (180 quarter units) is required to complete a baccalaureate degree from the University of California. A maximum of 70 units of transferable credit completed at the community college is applicable toward a university degree, although subject credit where applicable taken in excess of 70 units will be granted.

In general, Irvine Valley College courses numbered 1-99 transfer to the University of California; however, there are some exceptions which are noted in course descriptions in this catalog and on the UC Course list (page 217-218).

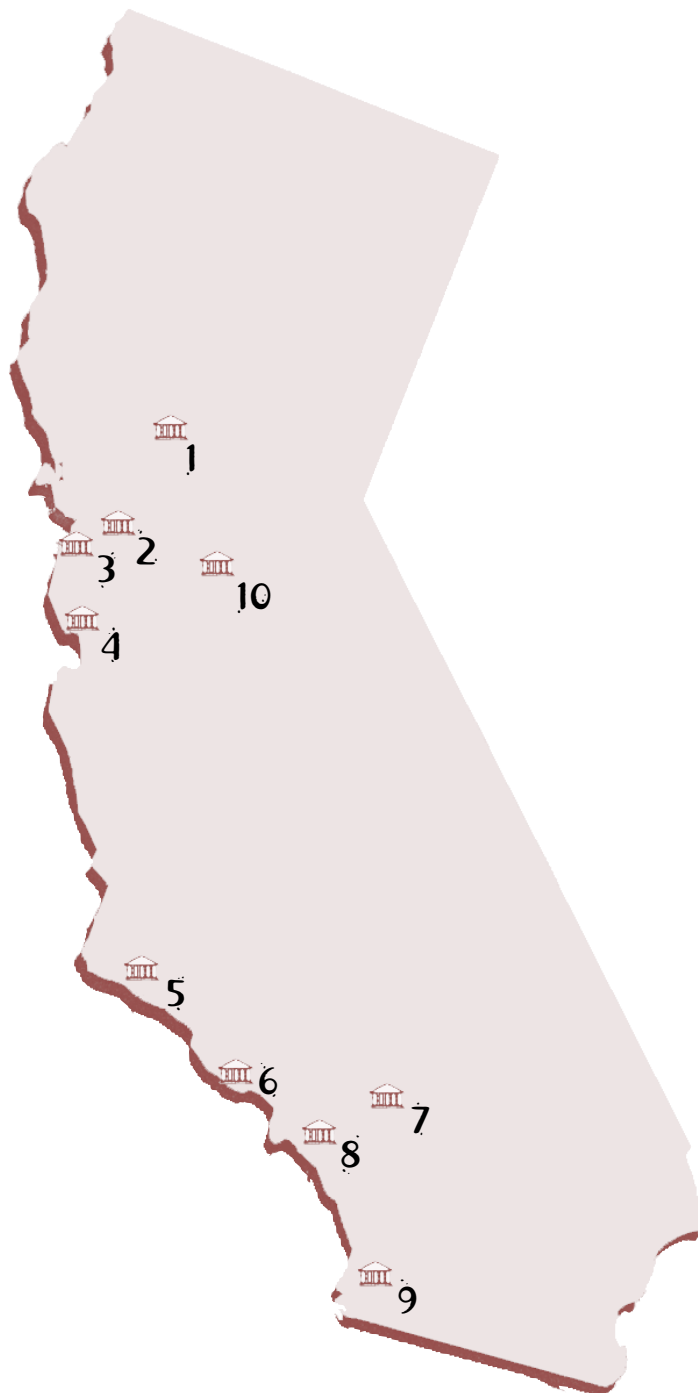
**NOTE:** Students who are interested in clearing high school scholastic or subject deficiencies at Irvine Valley College prior to attending the University of California (UC) should refer to the UC application or consult the IVC Counseling Center for assistance: (949) 451-5319.

# University of California Campuses

**S = Semester System**

**Q = Quarter System**

- (1) **UC DAVIS (Q)**  
*One Shields Avenue, Davis 95616 (530) 752-1011 • [www.ucdavis.edu](http://www.ucdavis.edu)*
- (2) **UC BERKELEY (S)**  
*Berkeley 94720 (510) 642-6000 • [www.berkeley.edu](http://www.berkeley.edu)*
- (3) **UC SAN FRANCISCO (Q)**  
*San Francisco 94143 (415) 476-9000 • [www.ucsf.edu](http://www.ucsf.edu)*  
**Note:** UC San Francisco is a graduate professional institution requiring pre-professional preparation or graduate standing for admission.
- (4) **UC SANTA CRUZ (Q)**  
*1156 High Street, Santa Cruz 95064 (831) 459-0111 • [www.ucsc.edu](http://www.ucsc.edu)*
- (5) **UC SANTA BARBARA**  
*Santa Barbara 93106 (805) 893-8000 • [www.ucsb.edu](http://www.ucsb.edu)*
- (6) **UC LOS ANGELES**  
*Los Angeles 90095 (310) 825-4321 • [www.ucla.edu](http://www.ucla.edu)*
- (7) **UC RIVERSIDE (Q)**  
*Riverside 92521 (909) 787-1012 • [www.ucr.edu](http://www.ucr.edu)*
- (8) **UC IRVINE (Q)**  
*Irvine 92697 (949) 824-5011 • [www.uci.edu](http://www.uci.edu)*
- (9) **UC SAN DIEGO (Q)**  
*9500 Gilman Drive, La Jolla 92093 (858) 534-2230 • [www.ucsd.edu](http://www.ucsd.edu)*
- (10) **UC MERCED (Scheduled to open in 2004)**  
*• [www.ucmerced.edu](http://www.ucmerced.edu)*



# UC Course List

## Transfer Course Agreement 2001-2002

Most IVC courses numbered 1-99 will transfer to the University of California, but there are some exceptions.  
The following list notes all IVC courses that transfer to the UC, as well as an explanation of credit provisions.

**Accounting** 1A, 1B

**Administration of Justice** 2, 4, 5

**Anthropology** 1, 2, 3, 4, 7, 9, 21, 99▲

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Art** 4, 20, 21, 25, 26, 28, 40, 41, 44, 50\*, 50A\*<sup>=</sup>, 50B\*<sup>=</sup>, 51\*, 52\*, 58, 59, 80, 81, 82, 85†, 85A†<sup>=</sup>, 85B†<sup>=</sup>, 86†, 89▲, 99▲

\* *Any or all of these courses combined: maximum credit, 4 courses*

† *Any or all of these courses combined: maximum credit, 4 courses*

<sup>=</sup> *Art 50A/50B is equivalent to Art 50; Art 85A/85B is equivalent to Art 85*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Astronomy** 20, 25

**Biology** 1°, 1L, 2, 3, 3L, 4, 5, 6, 6L, 7, 8, 11, 12, 12L, 13▲, 15, 19, 24, 30, 43, 44, 89▲, 99▲

° *No credit for Biology 1 if taken after a college course in biology*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Chemistry** 1A, 1B, 3†, 4°, 12A°, 12B, 99▲

† *No credit for Chemistry 3 if taken after Chemistry 1A*

° *Chemistry 4 and 12A combined: maximum credit, one course*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Chinese** 1, 1A\*, 1B\*, 2

\* *Chinese 1A/1B is equivalent to Chinese 1: maximum credit, 5 units; 1A and 1B must both be taken for transfer credit to be granted*

**Computer Information Science** 1, 6A<sup>=</sup>, 6B<sup>=</sup>, 21, 30A, 30B, 32A, 32B, 33, 34, 35, 36, 37, 40A, 40B, 41, 50L\*, 55A, 55B, 99▲

\* *Computer Information Science 50L is the laboratory course for 1, 21, 30A/B, 32 A/B, 33, 34, 35, 36, 37, 40A/B, 55A/B, and 41: maximum credit, one lab per each course*

<sup>=</sup> *CIS 6A is the same as Math 30*

<sup>=</sup> *CIS 6B is the same as Math 31*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Dance** 1\*, 6, 7, 12, 13, 17, 18, 22, 23, 30, 36, 50, 51<sup>Δ</sup>, 55, 65, 77, 85, 89▲, 99▲

\* *Any or all of these courses combined: maximum credit, 4 units*

<sup>Δ</sup> *UC credit pending*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Earth Science** 20\*

\* *No credit if taken after a college course in Astronomy, Geology, Meteorology or Oceanography*

**Economics** 1, 2, 20\*

\* *No credit for Economics 20 if taken after Economics 1 or 2*

**Engineering** 21, 23

**English as a Second Language** 81

**Environmental Studies** 1, 89▲

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Fine Arts** 27, 89▲, 99▲

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**French** 1, 1A\*, 1B\*, 2, 3, 4, 5, 10, 20, 99▲

\* *French 1A/1B is equivalent to French 1: maximum credit, 5 units; 1A and 1B must both be taken for transfer credit to be granted*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Geography** 1, 2, 3, 5, 38

**Geology** 1, 2, 3, 6, 10, 23, 99▲

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Graphic Design** 55, 65

**Health** 1, 2, 89▲, 99▲

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**History** 10, 11, 12, 13, 20\*, 21\*, 22\*, 24, 31, 32, 33, 40, 41, 45<sup>=</sup>, 51, 99▲

\* *History 20, 21 and 22 combined: maximum credit, two courses*

<sup>=</sup> *History 45 is the same as Political Science 45*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Human Development** 7\*<sup>=</sup>, 15<sup>=</sup>

\* *Human Development 7 and Psychology 8 combined: maximum credit, one course*

<sup>=</sup> *Human Development 7 is the same as Psychology 7; Human Development 15 is the same as Sociology 15*

**Humanities** 1, 2, 3, 4, 50, 70, 71, 99▲

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Japanese** 1, 1A\*, 1B\*, 2, 2A<sup>Δ</sup>, 2B<sup>Δ</sup>, 3<sup>Δ</sup>, 4<sup>Δ</sup>, 21

\* *Japanese 1A/1B is equivalent to Japanese 1: maximum credit, 5 units; 1A and 1B must both be taken for transfer credit to be granted*

<sup>Δ</sup> *UC credit pending*

**Journalism** 1, 2†

† *No credit if taken after Summer 2000*

**Literature** 1, 20, 21, 22, 23, 24, 30, 31, 32, 33, 40, 41, 42, 43, 44, 45, 46, 47, 99▲

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Management** 1, 11\*, 12A\*, 12B\*

\* *Management 11 combined with 12A and 12B: maximum credit, one course*

**Marine Science** 20

**Mathematics** 2†, 3A\*, 3B, 4A, 8†, 9, 10°, 11\*, 13, 24, 26, 30<sup>=</sup>, 31<sup>=</sup>, 99▲

† *Mathematics 2: maximum credit of 4 units; Mathematics 8: maximum credit of 4 units; Mathematics 2 and 8 combined: maximum credit, one course*

\* *Mathematics 3A and 11 combined: maximum credit, one course*

° *Mathematics 10 and Psychology 10 combined: maximum credit, one course*

<sup>=</sup> *Math 30 is the same as CIS 6A*

<sup>=</sup> *Math 31 is the same as CIS 6B*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Music** 1†, 10, 11, 12, 13, 15, 17, 20, 25, 26, 27, 28, 30, 32, 37, 40, 41, 44, 50, 51, 52, 54, 55, 56, 58, 59, 60, 61, 62, 70, 80, 81, 89▲, 99▲

† *No credit for Music 1 if taken after Music 10*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

(Continued)

**Nutrition** 1, 89▲, 99▲

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Philosophy** 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 99▲

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Photography** 1, 50, 51, 55, 56, 89▲, 99▲

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Physical Education** 1\*, 3\*, 4\*, 5\*, 6\*, 8\*, 9\*, 10▲, 11\*, 12\*, 13\*, 19\*, 20\*, 22\*, 23\*, 25\*, 26\*, 27\*, 32\*, 47\*, 70\*, 71\*, 73\*, 74\*, 75\*, 76\*, 77\*, 78\*, 79\*, 89▲, 90\*, 91\*, 92\*, 94\*, 96\*, 97\*, 89▲

\* *Any or all of these courses combined with Intercollegiate Athletics 2 through 20: maximum credit, 4 units*

△ *UC credit pending*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Physical Education: Intercollegiate Athletics** 2\*, 3\*, 6\*, 7\*, 5\*, 9\*, 10\*, 11\*, 12\*, 13\*, 15\*, 17\*, 18\*, 19\*, 20\*, 89▲, 99▲

\* *Any or all of these courses combined with Physical Education courses listed above with asterisks (\*): maximum credit, 4 units*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Physical Education Special Services** 1\*, 4\*, 6\*, 89▲, 99▲

\* *Any or all of these courses combined: maximum credit, 4 units*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Physics** 2A\*, 2B\*, 4A\*, 4B\*, 4C\*, 20†

\* *Physics 2A and 2B combined with Physics 4A, 4B, 4C: maximum credit, one series*

† *No credit for Physics 20 if taken after Physics 2A or 4A*

**Political Science** 1, 3, 4, 5, 6, 12, 14, 17, 45=, 89▲, 99▲

= *Political Science 45 is the same as History 45*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Psychology** 1, 2, 3, 5, 7\*=, 8\*, 10°, 21, 30=, 37

\* *Psychology 7 combined with Psychology 8: maximum credit, one course*

° *Psychology 10 and Mathematics 10 combined: maximum credit, one course*

= *Psychology 7 is the same as Human Development 7; Psychology 30 is the same as Sociology 30*

**Sociology** 1, 2, 3, 10, 15=, 19, 20, 21, 30=

= *Sociology 15 is the same as Human Development 15; Sociology 30 is the same as Psychology 30*

**Spanish** 1, 1A\*, 1B\*, 2, 2A†, 2B†, 3°, 4, 5, 10, 20°

\* *Spanish 1A/1B is equivalent to Spanish 1: maximum credit, 5 units; 1A and 1B must both be taken for transfer credit to be granted*

† *Spanish 2A/2B is equivalent to Spanish 2: maximum credit, 5 units*

° *Spanish 3 and 20 combined: maximum credit, one course*

**Speech** 1, 2\*, 3\*, 9, 30=, 31=, 32=, 35=, 89▲, 99▲

\* *Speech 2 or 3 combined: maximum credit, one course*

= *Speech 30 is the same as Theatre Arts 30;*

*Speech 31 is the same as Theatre Arts 31;*

*Speech 32 is the same as Theatre Arts 32;*

*Speech 35 is the same as Theatre Arts 35*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Theatre Arts** 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 20, 21, 25, 26, 28, 30=, 31=, 32=, 35=, 40A, 40B, 40C, 41, 42, 43, 89▲, 99▲

= *Theatre Arts 30 is the same as Speech 30; Theatre Arts 31 is the same as Speech 31; Theatre Arts 32 is the same as Speech 32; Theatre Arts 35 is the same as Speech 35*

▲ *Granting of transfer credit is contingent upon a review of the course outline by a UC campus*

**Women's Studies** 10**Writing** 1, 2, 10, 11\*, 12\*, 13†, 15‡

\* *Writing 11 and 12 combined: maximum credit, 3 units each*

† *Writing 13, maximum credit, 6 units*

‡ *Writing 15, maximum credit, 6 units*

# IGETC: Intersegmental General Education Transfer Curriculum

The IGETC—Intersegmental General Education Transfer Curriculum—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 a community college to a campus in either of these 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 transfer 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. Students still have many options, including fulfilling the CSU-specific general education certification pattern or completing the lower-division requirements of the campus to which they transfer.

All IGETC courses must be completed with a grade of "C" or better. A grade of "Credit" (for courses taken on a credit/no-credit basis) will be accepted. Students should note, however, that no more than 14 of the 60 semester units of UC's Option 1 admissions (eligibility) requirements may be taken on a credit/no-credit basis. Requests for certification should be made in the IVC Transfer Center.

# IGETC Certification: Irvine Valley College 2001-2002

**ALL IGETC COURSES MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.**  
**You must complete the entire IGETC before transferring (consult a college counselor for clarification).**  
**You may file requests for IGETC certification in the IVC Transfer Center in the Student Services Center.**

Irvine Valley College transfer students may fulfill the lower-division general education requirements for UC and CSU campuses by completing the Intersegmental General Education Transfer Curriculum—IGETC. UC applicants also have the option of completing the specific lower-division breadth and general education requirements of the school (or college campus) to which they intend to transfer. CSU applicants may also complete the General Education Certification pattern. Please consult the IVC Counseling Office for further information.

**Important:** If you are using course work from Saddleback or other colleges to fulfill IVC's IGETC pattern, consult an IVC counselor. Art 20 and History 22 taken at Saddleback College do not satisfy the Humanities requirement in Area 3 at IVC. Read the provisions below for courses marked with an asterisk, dagger, triangle or double dagger; and discuss with your counselor restrictions that may apply to the IGETC. Consult a counselor before beginning the IGETC if you are pursuing high-unit majors such as Engineering, Computer Information Science, Biology, or Chemistry. See page 220 for answers to frequently asked questions about the IGETC.

Revelle and Eleanor Roosevelt Colleges at UCSD and the Haas School of Business at UC Berkeley do not accept the IGETC.

## AREA 1: ENGLISH COMMUNICATION

### GROUP A: English Composition

Writing 1

### GROUP B: Critical Thinking—English Composition

Writing 2 or Philosophy 8

### GROUP C: Oral Communication (CSU requirement only)

Speech 1

## AREA 2: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING

At least one course (3 semester units, 4-5 quarter units):

Math 2\*, 3A\*, 3B, 4A, 8\*, 9, 10\*, 11\*, 24, 26, 30  
(Math 30 is the same as CIS 6A), 31 (Math 31 is the same as CIS 6B)

## AREA 3: ARTS AND HUMANITIES

Three courses, at least one from the Arts and one from the Humanities

(9 semester units, 12-15 quarter units):

### ARTS COURSES:

Art 4

Dance 77

Fine Arts 27

Music 1\*, 17†, 20, 25, 26, 27, 28

Photography 1†

Theatre Arts 20, 21, 25, 26

### HUMANITIES COURSES:

Art 20<sup>‡</sup>, 25, 26, 28

French 3, 4, 20

History 10, 11, 12, 13, 20\*, 21\*, 22<sup>‡</sup>, 24, 31†, 32†, 33, 40†, 41†, 45 (History 45 is the same as Political Science 45)

Humanities 1, 2, 3, 4, 50, 70, 71

Japanese 21

Literature 1, 20, 21, 22, 23, 24, 30, 31, 32, 33, 40, 41, 42, 43, 44, 45, 46

Philosophy 1, 2, 5, 6†, 10, 11

Spanish 3, 4

## AREA 4: SOCIAL AND BEHAVIORAL SCIENCES

At least three courses from at least two disciplines or an interdisciplinary sequence (9 semester units, 12-15 quarter units):

Anthropology 2, 3, 4, 7, 9

Economics 1, 2, 20\*

Environmental Studies 1

Geography 2, 3, 38

Political Science 1, 4, 5, 12, 14, 17

Psychology 1, 2, 3, 5, 7\* (Psychology 7 is the same as Human Development 7), 8\*, 21, 30 (Psychology 30 is the same as Sociology 30)

Sociology 1, 2, 15 (Sociology 15 is the same as Human Development 15), 19<sup>‡</sup>, 20<sup>‡</sup>, 21

Women's Studies 10

## AREA 5: PHYSICAL AND BIOLOGICAL SCIENCES

Two courses, one Physical Science course and one Biological Science course—at least one must include a laboratory (7-9 semester units, 9-12 quarter units). Underlined courses have a laboratory component:

### PHYSICAL SCIENCE COURSES:

Astronomy 20, 25

Chemistry 1A, 1B, 3\*, 4\*†

Earth Science 20\*

Geography 1

Geology 1, 2, 3, 6, 10, 23

Marine Science 20

Physics 2A\*, 2B\*, 4A\*, 4B\*, 4C\*, 20\*

### BIOLOGICAL SCIENCE COURSES:

Anthropology 1

Biology 1\*, 1/11\*, 2, 3, 3/3L, 4, 5, 6, 6/6L, 7, 11, 12, 12/12L, 15, 19, 30†, 43, 44

## LANGUAGE OTHER THAN ENGLISH (UC Requirement only)

This requirement may be fulfilled by (a) completing two years of a foreign language in high school with a grade of "C" or better; or (b) demonstrating the equivalent ability by performance on tests, such as earning a minimum score of 500 on an appropriate College Board Achievement Test in a foreign language; or (c) completing Chinese, French, Japanese, or Spanish 1, or 1A\* and 1B\*, at Irvine Valley College.

## U.S. HISTORY, CONSTITUTION, AMERICAN IDEALS (CSU Graduation Requirement only, not part of IGETC)

One course from Group 1 and one from Group 2:

Group 1: Political Science 1

Group 2: History 20\*, 21\*, 22\*

**Note:** If courses are used to meet this requirement, they may not also be used in Area 3 or 4.

\* Transfer credit may be limited by either UC or CSU or both. See the UC Course List.

‡ Art 20 taken at Saddleback College does not satisfy the Humanities requirement in Area 3 at IVC.

‡ History 22 taken at Saddleback College does not satisfy the Humanities requirement in Area 3 at IVC.

† This course may be applied to the IGETC beginning Fall 1994. If you completed the course prior to Fall 1994, you may not apply it to the IGETC.

‡ This course may be applied to the IGETC beginning Fall 1996. If you completed the course prior to Fall 1996, you may not apply it to the IGETC.

‡ This course may be applied to the IGETC beginning Fall 1997. If you completed the course prior to Fall 1997, you may not apply it to the IGETC.

# Frequently Asked Questions about the IGETC

- 1. Is it advisable for all transfer students to follow the IGETC?**

**NO.** For some students, it may be advantageous to take courses which fulfill the CSU general education certification requirements or to complete the lower-division requirements of their campus of choice. Students pursuing majors that require extensive lower-division major preparation (e.g., engineering) may find they are not well served by the IGETC option. Students who want to keep their options open before deciding exactly where they want to transfer will probably find the IGETC most useful.
- 2. Are there any exceptions as to who will accept and/or who may use the IGETC?**

**YES.** UC Berkeley's Haas School of Business will not accept the IGETC, nor will **Revelle or Eleanor Roosevelt** colleges at UCSD.

The IGETC **should not** be used for the following majors: **Business Administration, Chemistry, Environmental Design, and Natural Resources at UC Berkeley; Engineering at all UC campuses; and other high-unit majors at UC campuses (e.g., Biological Sciences and Physical Sciences).**

Students who began at a UC campus and who intend to transfer back to the same campus cannot use the IGETC. Some UC campuses do not allow students who began at another UC campus to use the IGETC. Students in the categories noted above must follow the General Education Breadth requirements of the UC campus to which they are transferring. Students who began at CSU and are transferring back to CSU must take more than half of their units at a California community college in order to use the IGETC.
- 3. Does completing the IGETC ensure admission to any campus?**

**NO.** Students who complete the IGETC are not guaranteed admission to their campus of choice. However, completing the lower-division breadth/general education requirements—whether through the IGETC or the campus-specific requirements—may improve a transfer applicant's chances for admission to a competitive campus and/or program.
- 4. Are students who choose the IGETC option required to complete the entire IGETC program prior to transfer?**

**YES.** Students who choose the IGETC option must complete it **in its entirety** at the community college before they transfer. Unless extenuating circumstances exist and students can demonstrate good cause, they **do not** have the option of completing IGETC courses at their transfer institution (students are advised to consult an IVC counselor). All course work applicable to the IGETC must be completed and certified in order to be accepted by CSU and UC.
- 5. Is there a GPA requirement for IGETC coursework?**

**YES.** IGETC courses must be completed with a grade of "C" or better. A grade of "Credit" (for courses taken on a credit/no-credit basis) will be accepted. **Students should note, however, that no more than 14 of the 60 semester units of UC's Option 1 admissions (eligibility) requirements may be taken on a credit/no-credit basis.**
- 6. Can Advanced Placement test scores be applied to IGETC?**

**YES.** Students may earn IGETC course credit for acceptable AP scores that the faculty of the community college recognize as being equivalent to the college's approved IGETC courses. The IVC Counseling Office has complete information.
- 7. Are UC's certification requirements the same as UC's?**

**NO.** Full certification for CSU must include completion of the Oral Communication requirement, Area 1, Group C; UC has no oral communication requirement. CSU also allows transferring students to complete its American Institutions graduation requirement at the community college; this requirement is not part of IGETC. Full certification for UC must include satisfaction of the foreign language proficiency requirement. See the IVC Counseling Office for information about this requirement.
- 8. May students complete their IGETC coursework at more than one college?**

**YES, WITH STIPULATIONS.** IVC will certify courses taken at other accredited colleges and universities. IVC will place courses taken at other California community colleges in the IGETC categories identified by the offering college. Courses taken at four-year schools must be equivalent to courses offered at IVC. These courses will be placed in the appropriate categories in the IVC IGETC pattern. Courses completed at foreign institutions cannot be certified except for competence in a language other than English.
- 9. Can students follow the same IGETC list from year to year?**

**NO.** Courses may move on or off the IGETC list from year to year. Courses will be certified **only** if they appear on the IGETC list for the academic year in which they have been completed.
- 10. Can a course be used to satisfy more than one subject area?**

**NO.** A single course may be used only once for the IGETC. A course may be listed in more than one area, but it may be used to satisfy only one subject requirement.
- 11. Can a course be used both to satisfy an IGETC requirement and to fulfill a major requirement?**

**YES.** UC will allow courses to count toward both the IGETC and the major. CSU campus-specific limitations on the "double-counting" of general education courses toward the major are not changed by the IGETC.
- 12. Do students become automatically certified for IGETC when they complete the last of the required courses?**

**NO.** Students should go to the Transfer Center and fill out a request for IGETC certification.
- 13. How do I get my courses certified?**

Certification is not automatic. It must be requested. Follow these guidelines:

  - (1) If you have transcripts from other colleges, make an appointment with a counselor (you must have all transcripts for the appointment) and request an IGETC evaluation.
  - (2) Make a request for IGETC certification in the IVC Transfer Center at the beginning of your last semester before transfer.
  - (3) All official transcripts and supporting documents must be on file at IVC when you apply for the IGETC.
- 14. Can I get an A.A. degree with the IGETC?**

**YES.** IVC will award you an A.A. degree in general studies if you have done **all** of the following:

  - (1) Completed the IGETC (UC or CSU pattern)
  - (2) Completed 60 units with a 2.0 grade point average
  - (3) Completed 12 units in residency at IVC