

# EARNING A CERTIFICATE AT IRVINE VALLEY COLLEGE

Irvine Valley College awards certificates in the technological, applied, and business sciences to students who complete the courses specified for each program. Curriculum is developed by the faculty in cooperation with advisory committees comprised of business and industry representatives.

## CERTIFICATE OF ACHIEVEMENT REQUIREMENTS

Certificates of achievement are granted for the completion of a specified program, or specified courses, whose total requirement is 18 units or more. These state-approved certificates acknowledge workplace competencies and job readiness.

In many, but not all cases, the courses that comprise the certificate of achievement program are the same as those that comprise the major for the Associate in Science degree. Specific course requirements for each certificate are listed with the program descriptions in this catalog.

Students must complete all of the courses in the certificate program with grade of "A," "B," "C," or "P." A minimum of 12 units in the certificate program must be completed at Irvine Valley College.

**Certificate of Achievement in California State University General Education–Breadth (CSUGE–Breadth):** Beginning Fall 2008, students may earn a certificate of achievement by completing 39-48 units of the California State University (CSU) General Education Certification (see page 46-47).

**Certificate of Achievement in Intersegmental General Education Transfer Curriculum (IGETC):** Beginning Fall 2008, students may earn a certificate of achievement by completing 36-46 units of the IGETC (see page 48-49).

## CERTIFICATE OF PROFICIENCY REQUIREMENTS

Certificates of proficiency are granted for the completion of a specified program, or specified courses, whose total requirement is less than 18 units. These locally approved certificates are designed to acknowledge basic workplace competencies and job readiness for students who are entering the workforce or upgrading their job skills.

Specific course requirements for each Certificate of Proficiency are listed with the program descriptions in this catalog. Students must complete all of the courses in the Certificate of Proficiency program with grade of "A," "B," "C," or "P."

Students must complete a minimum of 12 units in residence at Irvine Valley College. In cases where the total requirement is less than 12 units, students must complete all of the courses in the certificate program at Irvine Valley College.

## WAIVER OF CERTIFICATE REQUIREMENTS

Students with previous educational or vocational experience who wish to waive a required course in a certificate program will be expected to verify equivalency by examination. Petitions for course waivers or substitutions are available in the Counseling Center.

## APPLICATION FOR EVALUATION

**Certificates are not awarded automatically. Students who expect to earn a certificate from the college must file an application for evaluation with the Office of Admissions and Records.** Responsibility for filing this application rests with the student, and transcripts for all college work attempted must be on file for the application to be considered. Students who apply for a certificate by March 30, 2009, will be evaluated for participation in May commencement ceremonies.

## CERTIFICATES OF ACHIEVEMENT

	<i>Page</i>
Accounting	99
Administration of Justice	
Law Enforcement	102
Supervision	102
Business (see Management)	
California State University	
General Education–Breadth (CSUGE–Breadth)	46
Computer Information Management	
Administrative Assistant/ Word Processing	122
Desktop Publishing	123
Digital Media Technologies	123
Local Area Networks: Cisco	124
Microcomputer Applications	124
Web Authoring	125
Computer Science	
Computer Languages	134
Systems Analysis	134
Design Model Making and Rapid Prototyping	142
Digital Media Art	145
Drafting	
Drafting Technology	147
Computer-Aided Design, Mechanical Option	148
Early Childhood Education	
Child Development	177
Infant/Toddler	177
School-Age Child	177
Electronic Technology	153
Fitness Specialist	214
Intersegmental General Education Transfer Curriculum (IGETC)	48
Management	
Business Management	192
Manufacturing Assistant	192
Retail Management	193
Supervision	193
Real Estate	228

## CERTIFICATES OF PROFICIENCY

Dance Technique	139
Database	134
Digital Graphic Applications	125
Digital Publishing	126
Electronics Aide	153
Spreadsheets	126
Web Page Authoring	127

# EARNING AN ASSOCIATE DEGREE AT IRVINE VALLEY COLLEGE

Irvine Valley College offers two types of degrees to meet students' needs:

## DEPARTMENTAL ASSOCIATE DEGREES

Departmental associate degrees are well-suited to students with clearly defined academic pursuits and career goals. In some cases, these degrees benefit students intending to enter directly into professional programs, vocational training or specific employment. The college offers students the choice of 35 departmental Associate in Arts degrees and 23 departmental Associate in Science degrees.

The difference between the Associate in Arts (AA) and the Associate in Science (AS) degree at Irvine Valley College is not profound. Associate in Arts degrees are generally aligned with the liberal arts and sciences—the arts and humanities, social sciences, natural sciences and mathematics. Associate in Science degrees at IVC are typically career-oriented and preprofessional degrees aligned with the applied arts and sciences, which include but are not limited to the technological, applied, business, and computer sciences.

Departmental associate degrees are listed on page 32.

## ASSOCIATE DEGREES WITH AN AREA OF EMPHASIS

Associate degrees with an area of emphasis are designed for students who want to earn a college degree with a focus, whether to achieve a personal or career goal or in preparation for transfer to UC, CSU, or a private or out-of-state university. Those students who intend to earn an associate degree prior to transfer are advised to consult with the counseling faculty as early as possible to develop an appropriate educational plan to achieve their academic goals and degree and their transfer objectives. This is especially important because different transfer institutions may require specific general education patterns and lower division courses to fulfill major requirements.

Students may choose an area of emphasis listed below. Details for each emphasis are listed starting on page 35.

- **Business, Computer Information, and Applied Technology**
- **Communication, Fine, and Performing Arts**
- **Fine Arts: Appreciation, History, and Theory**
- **Fine Arts: Applied Arts and Performance**
- **Humanities and Languages**
- **Natural Sciences and Mathematics**
- **Social and Behavioral Sciences**
- **Liberal Studies: Teacher Education**

## GENERAL EDUCATION: CSU AND IGETC CERTIFICATION

To earn an associate degree, students must complete a set of general education requirements. Fulfilling the Irvine Valley College general education requirements for the associate degree is one option available to students.

Many students, especially those who are planning to transfer to a four-year college or university, opt to fulfill their lower division general education requirements by completing either the California State University (CSU) General Education Certification pattern or the Intersegmental General Education Transfer Curriculum (IGETC). Students who complete either of these general education patterns must have their work officially certified by the Office of Admissions and Records.

**Certification is not awarded automatically. Students who expect to complete transfer certification must file an application with the Office of Admissions and Records in the semester that certification is to be completed (see “Filing Deadlines” on page 33). Responsibility for filing an application rests with the student, and transcripts for all college work attempted must be on file for the application to be accepted.**

**Effective Fall 2008:** Students may apply for a certificate of achievement in CSU or IGETC certification. Those wishing to participate in the May commencement ceremony should familiarize themselves with commencement deadlines and related information on the pages that follow.

## DEPARTMENTAL ASSOCIATE DEGREES

### ASSOCIATE IN ARTS DEGREES

	<i>Page</i>
Anthropology	105
Art	107
Art History	111
Biological Sciences	
Biology	114
Health Sciences	114
Business (see Management)	
Chemistry	119
Dance	138
Digital Media Art	145
Economics	150
English	
Literature	156
Writing	156
Fine Arts	167
French	184
Geography	168
Geology	170
History	
American History	173
European History	173
Humanities	181
Japanese	184
Management	
Business Administration	192
Mathematics	196
Music	203
Philosophy	208
Photography	210
Physical Education	213
Physical Science	220
Political Science	223
Psychology	226
Sociology	230
Spanish	184
Speech/Forensics	232
Theatre Arts	
Acting	235
Technical Theatre	236
Theatre Arts	234
Women's Studies	239

### ASSOCIATE IN SCIENCE DEGREES

	<i>Page</i>
Accounting	99
Administration of Justice	
Law Enforcement	102
Supervision	102
Business (see Management)	
Computer Information Management	
Administrative Assistant/ Word Processing	122
Desktop Publishing	123
Digital Media Technologies	123
Local Area Networks: Cisco	124
Microcomputer Applications	124
Web Authoring	125
Computer Science	
Business Programming	133
Computer Languages	134
Systems Analysis	134
Design Model Making and Rapid Prototyping	142
Drafting	
Drafting Technology	147
Computer-Aided Design, Mechanical Option	148
Early Childhood Education	
Child Development	177
Infant/Toddler	177
School-Age Child	177
Electronic Technology	153
Management	
Business Management	192
Manufacturing Assistant	192
Supervision	193
Real Estate	228

# ASSOCIATE DEGREE GRADUATION REQUIREMENTS

The South Orange County Community College District Board of Trustees, upon the recommendation of the faculty of Irvine Valley College, will confer the associate degree upon completion of the following requirements:

## 1. MAJOR/EMPHASIS REQUIREMENT

Complete the courses required for the departmental associate degree or the associate degree with an area of emphasis.

## 2. UNIT REQUIREMENT

Complete a minimum of 60 units of credit. Students may count only one English course below transfer-level freshman composition as credit toward the associate degree. Writing 1 is the first transfer-level composition course.

## 3. SCHOLARSHIP REQUIREMENT

Maintain a minimum grade point average of 2.0 in all units attempted at Irvine Valley College and a combined 2.0 grade point average including all work transferred to the college that is to be included in the degree evaluation. A grade of "A," "B," "C," or "P" is required for all courses to be counted toward an area of emphasis or associate degree major.

## 4. RESIDENCY REQUIREMENT

Complete a minimum of 12 units of the 60 total semester units in residence at Irvine Valley College.

## 5. GENERAL EDUCATION REQUIREMENTS

Students are urged to consult an IVC counselor for assistance in forming an educational plan prior to choosing their general education pattern and degree. Complete A, B, or C:

- A. The Irvine Valley College Associate Degree General Education Requirements (see page 45), or
- B. The California State University General Education Certification Pattern (CSU Certification, see pages 46–47, or
- C. The Intersegmental General Education Transfer Curriculum (IGETC, see pages 48–50)

## 6. COMPETENCY REQUIREMENT

- **Writing Competency Requirement:** Complete Writing 1 with a grade of "A," "B," "C," or "P."  
— AND —
- **Mathematics Competency Requirement:** Complete Math 253 (Intermediate Algebra) or a higher-level course in mathematics with a grade of "A," "B," "C," or "P."

## FILING DEADLINES: DEGREES, CERTIFICATES, AND CSU OR IGETC CERTIFICATION

Fall 2008: November 21, 2008 • Spring 2009: March 30, 2009 • Summer 2009: July 17, 2009

*Applications received after a deadline date are included in the next semester.*

**Students must file their application for graduation with the Office of Admissions and Records by March 30, 2009, to participate in the May 2009 commencement ceremony.**

# ADDITIONAL ASSOCIATE DEGREE INFORMATION

## APPLICATION FOR GRADUATION

Associate degrees are not awarded automatically. Students who expect to graduate from the college must file an application for a degree with the Office of Admissions and Records.

Students who apply for degrees or certificates by **March 30, 2009**, will be evaluated for participation in May commencement ceremonies. Responsibility for filing this application rests with the student, and transcripts for all college work attempted must be on file for the application to be accepted.

## FILING DEADLINES

The deadlines for filing an application for a degree and CSU or IGETC certification are as follows:

**Fall 2008: November 21, 2008**  
**Spring 2009: March 30, 2009**  
**Summer 2009: July 17, 2009**

*Applications received after a deadline date are included in the next semester.*

## COMMENCEMENT

Commencement is held once a year, in May, for students who have completed the requirements for their degree or certificate any semester during the year, including the summer session. **Students must file their application for graduation with the Office of Admissions and Records by March 30, 2009, to participate in the May commencement ceremony.** Students should consult the Office of Admissions and Records for further information and details.

## MULTIPLE MAJORS

Students may elect to complete the requirements for more than one departmental major under the following conditions:

1. The student must meet the minimum requirements for each major; and
2. At least 12 of the required units in a major must be separate and distinct from the required units of the other major.

## DOUBLE COUNTING COURSES

Students may use courses to fulfill both major/emphasis requirements and general education requirements.

## SECOND DEGREE REQUIREMENTS

### STUDENTS WITH BACCALAUREATE OR HIGHER DEGREES

Students seeking an associate degree after having previously received a baccalaureate (or higher) degree may qualify for a second degree by

1. Completing those general education requirements for which equivalents have not been completed;
2. Completing a minimum of 12 units in residence;
3. (a) Meeting the minimum requirements of the major and  
(b) Completing at least 12 of the required units in the second major that are separate and distinct from the required units of their first major; and
4. Achieving a minimum grade point average of 2.0 or above for all units counted toward the degree.

Students who have previously earned the equivalent of a B.A. or a B.S. from a foreign educational institution will be evaluated on an individual basis.

### TRANSFER CREDIT FROM FOREIGN INSTITUTIONS

Students seeking evaluation of foreign coursework must provide a transcript evaluated by an accredited evaluation and translation service (see the Counseling Center or International Student Center for referrals). Students must turn in the official evaluation to the Office of Admissions and Records for inclusion in their record and then set up an appointment with the Counseling Center so that their transfer work may be evaluated. Coursework from foreign institutions cannot be used for CSU or IGETC certification except to validate the foreign language requirement.

## STUDENTS WITH ASSOCIATE DEGREES FROM OTHER COLLEGES

Students seeking a second associate degree after having previously received an associate degree from another college may qualify for a second degree by

1. Completing those general education requirements for which equivalents have not been completed;
2. Completing a minimum of 12 units in residence;
3. (a) Meeting the minimum requirements of the major and  
(b) Completing at least 12 of the required units in the second major that are separate and distinct from the required units of their first major; and
4. Achieving a minimum grade point average of 2.0 or above for all units counted toward the degree.

### STUDENTS WITH PRIOR DEGREES FROM IRVINE VALLEY COLLEGE

Students seeking a second associate degree after having previously received an associate degree from Irvine Valley College may qualify for an additional degree if

1. They have completed those general education requirements for which equivalents have not been completed;
2. (a) They have met the minimum requirements for the second major and  
(b) At least 12 of the required units in the second major are separate and distinct from the required units of their first major; and
3. They have achieved a minimum grade point average of 2.0 or above for all units counted toward the degree.

# ASSOCIATE DEGREES WITH AN AREA OF EMPHASIS

## ASSOCIATE DEGREE WITH AN EMPHASIS IN BUSINESS, COMPUTER INFORMATION, AND APPLIED TECHNOLOGY

The intent of this degree is to prepare students for careers and/or higher education in business, computer information, and applied technology, generally, or in specific disciplines within this broad designation.

This degree emphasizes training that will enable students to lead, direct, plan, organize, and respond to a variety of challenges. It stresses problem-solving skills involved in making managerial, financial, and technical decisions based on available data, tools, and resources. Courses in the program study the elements of creative thinking and interpretation used in the process of transmitting information graphically. Students are acquainted with the concepts, theories, and terminology critical to their area of emphasis.

To obtain the Associate Degree with an Emphasis in Business, Computer Information, and Applied Technology, students will have to:

1. Complete
  - A. The CSU General Education Certification pattern, a minimum of 39 units.  
OR
  - B. The IGETC Certification pattern, a minimum of 36 units.  
OR
  - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, with at least one course taken in each of the course clusters.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with faculty in the following fields of interest to identify career areas and to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths. The courses within each concentration described below represent clusters of courses designed to prepare students for common traditional university major areas of study, for certificate programs, or for technical education certificates.

**Complete a minimum of 18 units from the following courses, with at least one course taken in each of the course clusters identified below. CWE 168 may be taken to fulfill only one of the course cluster requirements.**

### BUSINESS

ACCT 1A, 1B, 114, 204, 212.1, 212.2, 215  
CWE 168  
ECON 1, 2, 6, 13, 105  
MATH 3A, 3B, 4A, 9, 11, 13, 24, 26, 47, 124, 253  
MGT 1, 12A, 102, 103, 104, 115, 120, 125, 135, 268, 288  
PHIL 2  
RE 170, 172, 174A, 175, 176A, 178, 190, 195, 279  
SP 1  
STATISTICS: ECON 10 or MATH 10 or MGT 10  
WR 2

### COMPUTER INFORMATION

*Repeatable courses listed below may be used only once toward fulfillment of the 18-unit emphasis requirement.*  
CIM 100A, 100B, 101A, 101B, 104.1, 107.1, 203.1, 206.1, 210.1, 210.2, 210.3, 212.1, 212.2, 214.1, 214.2, 220.1, 221.1, 221.2, 222.1, 223.1, 224.1, 230.1, 230.2, 240.1, 241.1, 242.1, 242.2, 243.1, 243.2, 244.1, 245.1, 246.1, 260.1, 260.2, 263.1, 263.2, 263.3, 263.4  
CS 1, 21, 30, 34, 36, 37, 38, 39, 40A, 40B, 41, 50A, 101, 130, 131, 142, 230, 238, 250A, 250B

### APPLIED TECHNOLOGY

*Repeatable courses listed below may be used only once toward fulfillment of the 18-unit emphasis requirement.*  
CWE 168  
DMA 51, 55, 65, 140, 145, 150, 160, 170, 175, 180, 200L, 252  
DMP 200, 210, 220, 221, 222, 230, 240, 241, 260  
DR 50, 100, 101, 102  
ENGR 21, 23, 183, 184

(Continues)

## **Associate Degree with an Emphasis in Business, Computer Information, and Applied Technology (cont'd.)**

ENGT 140  
ET 101, 102, 104, 105, 107, 109, 116, 120  
PHYS 2A or 2A+2B or 4A+4B, 4C, 20

## **ASSOCIATE DEGREE WITH AN EMPHASIS IN COMMUNICATION, FINE, AND PERFORMING ARTS**

The intent of this degree is to prepare students for careers and/or higher education in the fine, performing, and communication arts, generally, or in specific disciplines within this broad designation.

This degree emphasizes the contributions that the arts have made and continue to make in establishing and preserving our cultural and historical traditions, and in the role of human symbolic interaction, both verbal and nonverbal. Students develop an understanding of and ability to respond to aesthetic significance and to the world as it has been represented over time and across cultures in visual, aural, tactile, and dramatic forms. Depending upon their area of emphasis, students may focus on expression or performance in an artistic medium. Communication is a component of all fine and performing arts, in their various forms.

To obtain the Associate Degree with an Emphasis in Communication, Fine, and Performing Arts, students will have to:

1. Complete
  - A. The CSU General Education Certification pattern, a minimum of 39 units.  
OR
  - B. The IGETC Certification pattern, a minimum of 36 units.  
OR
  - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, with at least one course taken in each of the course clusters.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with faculty in the following fields of interest to identify career areas and to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths. The courses within each concentration described below represent clusters of courses designed to prepare students for common traditional university major areas of study, for certificate programs, or for technical education certificates.

**Complete a minimum of 18 units from the following courses, with at least one course taken in each of the course clusters identified below.**

### **ART APPRECIATION, HISTORY AND THEORY**

ART 4, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 104, 133, 144  
FA 27  
DMA 150  
DNCE 77, 85  
MUS 20, 21, 27, 28  
PHIL 7  
PHOT 1/ART 1  
SP 9, 100, 105  
TA 20, 21, 25, 26, 28  
WR 2

### **STUDIO AND PERFORMANCE**

ART 40, 41, 50, 51, 52, 80, 81, 82, 85, 86, 104, 144, 158, 159, 255  
DNCE 6, 7, 12, 13, 17, 18, 22, 23, 30, 33, 36, 50, 55, 65  
DMA 51, 55, 65, 140, 145, 160, 170, 175, 180, 200L, 252  
MUS 1, 3, 4, 5, 6, 34, 37, 38, 39, 40, 41, 42, 43, 46, 47, 54, 55, 56, 70, 80, 81, 82, 83, 84, 85, 180  
PHOT 50, 51, 55, 56, 160, 161, 190, 245.1  
SP 1, 2, 3, 30, 35, 106  
TA 1, 2, 3, 4, 5, 8, 9, 10, 12, 15, 16, 17, 18, 19, 30, 35, 40B, 40C, 41, 42, 43, 142, 241

## ASSOCIATE DEGREE WITH AN EMPHASIS IN FINE ARTS: APPRECIATION, HISTORY, AND THEORY

The intent of this degree is to prepare students for higher education in the history, theory, and appreciation of the arts and/or for one of many careers in the arts—e.g., art educator, curator, critic, researcher, historian, preservationist, or other art-related profession.

This degree emphasizes cross-disciplinary, theoretical study and an appreciation of the arts from a critical and principally non-performing point of view. Students develop an appreciation for aesthetic meaning and significance, and for the contexts— cultural, economic, historical, political, and religious—in which art has been created and viewed over time.

To obtain the Associate Degree with an Emphasis in Fine Arts: Appreciation, History, and Theory, students will have to:

1. Complete
  - A. The CSU General Education Certification pattern, a minimum of 39 units.  
OR
  - B. The IGETC Certification pattern, a minimum of 36 units.  
OR
  - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, with at least one course taken in three different disciplines.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with faculty in the following fields of interest to identify career areas and to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths. The courses within each concentration described below represent clusters of courses designed to prepare students for common traditional university major areas of study, for certificate programs, or for technical education certificates.

**Complete a minimum of 18 units from the following courses, with at least one course taken in three different disciplines:**

**ART:** ART 4, 20, 24, 25, 26, 27, 28, 30

**DANCE:** DNCE 77, 85

**PHOTOGRAPHY:** PHOT 1/ART 1

**FINE ARTS:** FA 27

**MUSIC:** MUS 1, 3, 20, 21, 27, 28

**THEATRE ARTS:** TA 20, 21, 25, 26

## ASSOCIATE DEGREE WITH AN EMPHASIS IN FINE ARTS: APPLIED ARTS AND PERFORMANCE

The intent of this degree is to prepare students for higher education in the applied and performing arts or for careers as artists or performers.

This degree emphasizes the working methods, performance practice, and contributions of visual and performing artists in various historical and cultural contexts. Students develop the skills needed to contemplate, interpret, create, perform, respond aesthetically, and work collaboratively. As students receive training in a minimum of three applied and performance arts areas, they learn to relate and apply common and diverse ideas in an interdisciplinary arts environment, in addition to focusing on their specific area of emphasis.

To obtain the Associate Degree with an Emphasis in Fine Arts: Applied Arts and Performance, students will have to:

1. Complete
  - A. The CSU General Education Certification pattern, a minimum of 39 units.  
OR
  - B. The IGETC Certification pattern, a minimum of 36 units.  
OR
  - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, with at least one course taken in three different disciplines.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with faculty in the following fields of interest to identify career areas and to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths. The courses within each concentration described below represent clusters of courses designed to prepare students for common traditional university major areas of study, for certificate programs, or for technical education certificates.

**Complete a minimum of 18 units from the following courses, with at least one course taken in three different disciplines:**

**DANCE:** DNCE 1, 6, 7, 12, 13, 17, 18, 22, 23, 30, 33

**DIGITAL MEDIA ARTS AND PHOTOGRAPHY:** DMA/PHOT 51, DMA 55, DMA 140, PHOT 50, PHOT 55, PHOT 56

**MUSIC:** MUS 39, 40, 42, 46, 54, 55, 56, 70, 80, 81, 82, 83, 84, 85

**SPEECH:** SP 1, SP/TA 30, SP 106

**STUDIO ART:** ART 40, 41, 50, 51, 52, 80, 81, 82, 85, 86, 144

**THEATRE ARTS:** TA 15, 16, 17, 18, 19, 40B, 43, 142

## ASSOCIATE DEGREE WITH AN EMPHASIS IN HUMANITIES AND LANGUAGES

The intent of this degree is to prepare students for careers and/or higher education in the humanities and languages, generally, or in specific disciplines within this broad designation.

This degree emphasizes the methods and values of humanistic study. Students investigate the role that philosophy, literature, religion, history, and the arts play in the shaping of human cultures. Students also consider how the central traditions, values, ideas, and texts, and the aesthetic concepts of a culture reflect the human condition. Students explore the connection of language to daily life and cultural context, regardless of which language they use to conduct their study and to converse.

To obtain the Associate Degree with an Emphasis in Humanities and Languages, students will have to:

1. Complete
  - A. The CSU General Education Certification pattern, a minimum of 39 units.  
OR
  - B. The IGETC Certification pattern, a minimum of 36 units.  
OR
  - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, with at least one course taken in three different disciplines.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with faculty in the following fields of interest to identify career areas and to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths. The courses within each concentration described below represent clusters of courses designed to prepare students for common traditional university major areas of study, for certificate programs, or for technical education certificates.

**Complete a minimum of 18 units from the following courses, with at least one course taken in three different disciplines:**

**ART:** ART 1/PHOT 1, ART 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 133, 144

**CHINESE\*:** CH 2, 3

**DIGITAL MEDIA ART:** DMA 150

**FRENCH\*:** FR 2 [or 2A+2B], 3, 4, 5, 10, 20, 121

**HISTORY:** HIST 1, 2, 3, 4, 10, 11, 20, 21, 22, 24, 31, 32, 33, 40, 41, 45, 50, 51, 70, 71, 73

**HUMANITIES:** HUM 2, 20, 21, 22, 50

**JAPANESE\*:** JA 2 [or 2A+2B], 3, 4, 5, 10, 21

**LITERATURE:** LIT 1, 20, 21, 22, 23, 24, 30, 31, 32, 33, 40, 41, 42, 43, 46, 47, 110

**PHILOSOPHY:** PHIL 1, 2, 3, 5, 6, 7, 10, 11

**POLITICAL SCIENCE:** PS 1, 4, 14, 45

**READING:** RD 174

**SIGN LANGUAGE\*:** SIGN 21, 22, 23

**SPANISH\*:** SPAN 2 [or 2A+2B], 3, 4, 10

**WRITING:** WR 2, 10, 11, 12, 13

\* *LANGUAGE COURSES, PLEASE NOTE: Students who have acquired fluency in one language may elect to begin or continue in a second language, or to focus on the culture and literature related to the first language.*

## ASSOCIATE DEGREE WITH AN EMPHASIS IN NATURAL SCIENCES AND MATHEMATICS

The intent of this degree is to prepare students for careers and/or higher education in the natural sciences and mathematics, generally, or in specific disciplines within this broad designation.

This degree includes training in the scientific method, the fundamental principles of natural science, and the analytical reasoning of mathematics. Emphases of courses for this degree include mathematical, physical and life science concepts, principles, theories, and laws. Some courses acquaint students with the methods of conducting scientific investigations in laboratory field settings through observation, while other courses require students to construct logical arguments, make valid inferences, and acquire quantitative skills essential to many other disciplines.

To obtain the Associate Degree with an Emphasis in Natural Sciences and Mathematics, students will have to:

1. Complete
  - A. The CSU General Education Certification pattern, a minimum of 39 units.  
OR
  - B. The IGETC Certification pattern, a minimum of 36 units.  
OR
  - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, with at least one course taken in three different disciplines.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with faculty in the following fields of interest to identify career areas and to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths. The courses within each concentration described below represent clusters of courses designed to prepare students for common traditional university major areas of study, for certificate programs, or for technical education certificates.

**Complete a minimum of 18 units from the following courses, with at least one course taken in three different disciplines:**

**NOTE:** For emphases in the sciences and math, a minimum of two courses must have a laboratory or field component. Students interested in pursuing their education in the sciences are advised to complete more laboratory and/or field courses.

**BIOLOGY:** BIO 1 + 1L, 2, 5, 6, 6L, 15, 93, 94 + 94L, 97, 99, 99L, 10, 121

**CHEMISTRY:** CHEM 1A + 1B, 12A + 12B

**COMPUTER SCIENCE:** CS 30, 34, 36, 37

**EARTH SCIENCES:** EARTH 20

**FIELD STUDIES AND RESEARCH:** BIO 4, 13, 19, 30, 101, 103, 104, 110, 140; GEOG 102; GEOL 140, 170, 181, 186

**GEOLOGY:** GEOL 1, 2, 3, 140, 170, 181, 186

**MATHEMATICS:** MATH 3A, 3B, 4A, 13, 24, 26, 47

**MARINE SCIENCE:** MS 20

**PHYSICS:** PHYS 2A + 2B or 4A + 4B, 4C

## ASSOCIATE DEGREE WITH AN EMPHASIS IN SOCIAL AND BEHAVIORAL SCIENCES

The intent of this degree is to prepare students for careers and/or higher education in the social sciences, generally, or in specific disciplines within this broad designation.

This degree emphasizes the nature of individual and collective human behavior: our interactions; the political, economic, social, and psychological structures and institutions of human beings; and the challenges of developing and sustaining interpersonal and intercultural relationships. Students employ the fundamental principles of the scientific method and apply data collection, synthesis, and analysis to enhance their ability to explain how groups and subgroups operate and to make responsible political, moral, and social decisions.

To obtain the Associate Degree with an Emphasis in Social and Behavioral Sciences, students will have to:

1. Complete
  - A. The CSU General Education Certification pattern, a minimum of 39 units.  
OR
  - B. The IGETC Certification pattern, a minimum of 36 units.  
OR
  - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, including a minimum of 9 units selected from at least three of the social and behavioral science disciplines.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with faculty in the following fields of interest to identify career areas and to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths. The courses within each concentration described below represent clusters of courses designed to prepare students for common traditional university major areas of study, for certificate programs, or for technical education certificates.

**Complete a minimum of 18 units from the courses listed below, including a minimum of 9 units selected from at least three of the social and behavioral science disciplines.**

### SOCIAL AND BEHAVIORAL SCIENCE DISCIPLINES

**ADMINISTRATION OF JUSTICE:** AJ 2, 4, 5, 8, 102, 103, 105, 106, 107, 111, 112, 113, 119, 150, 161, 250

**ANTHROPOLOGY:** ANTH 1, 2, 3, 4, 7, 9, 21

**ECONOMICS:** ECON 1, 2, 6, 13, 20, 105

**GEOGRAPHY:** GEOG 1, 2, 3, 38, 102

**HISTORY:** HIST 1, 2, 10, 11, 20, 21, 24, 31, 32, 33, 40, 41, 45, 51

**HUMAN DEVELOPMENT:** HD 7, 15, 101, 104, 105, 110, 120, 131, 145, 150, 160, 181, 266, 267, 268, 269, 270, 271

**POLITICAL SCIENCE:** PS 1, 3, 4, 5, 6, 7, 12, 14, 17, 41, 45, 201

**PSYCHOLOGY:** PSYC 1, 2, 3, 5, 7, 21, 30, 37, 106, 110, 133, 160

**SOCIOLOGY:** SOC 1, 2, 10, 15, 19, 20, 21, 30

**WOMEN'S STUDIES:** WS 10, 100

### RELATED DISCIPLINES

*Students may count a maximum of 9 units from the courses listed below toward the 18-unit requirement.*

**ACCOUNTING:** ACCT 1A, 1B

**ART:** ART 21

**BIOLOGY:** BIO 1+1L, 30, 121

**CHEMISTRY:** CHEM 1A

**COMPUTER SCIENCE:** CS 1, 101

**COOPERATIVE WORK EXPERIENCE:** CWE 168

**GEOLOGY:** GEOL 1

**HEALTH:** HLTH 1

**MATHEMATICS:** MATH 3A, 3B, 11, 26

*(Continues)*

### **Associate Degree with an Emphasis in Social and Behavioral Sciences (cont'd.)**

**NUTRITION:** NUT 1

**PHILOSOPHY:** PHIL 2

**STATISTICS:** ECON 10 or MATH 10 or MGT 10 or PSYC 10

**WRITING:** WR 2

### **ASSOCIATE DEGREE WITH AN EMPHASIS IN LIBERAL STUDIES: TEACHER EDUCATION**

The intent of this degree is to prepare students for careers and/or higher education in the field of education, particularly in elementary school teaching. It is adapted from the requirements of the state-approved Multiple Subject Credential Program.

The degree emphasizes the integration of concepts from the arts and humanities, literature, natural sciences, and social sciences, offering a broad foundation in diverse disciplines. This course of study fosters the student's understanding and appreciation of how human knowledge and experience have evolved in historical and cultural contexts. The degree also stresses the development of skills in quantitative reasoning, critical thinking, and communication in the English language, both orally and in writing.

To obtain the Associate Degree with an Emphasis in Liberal Studies: Teacher Education, students will have to:

1. Complete
  - A. The CSU General Education Certification pattern, a minimum of 39 units.  
OR
  - B. The IGETC Certification pattern, a minimum of 36 units.  
OR
  - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, with at least one course taken in three different disciplines.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths and transfer requirements. Students intending to transfer are generally advised to complete either the CSU General Education Certification pattern or the IGETC Certification pattern.

**Complete a minimum of 18 units from the following courses, with at least one course taken in three different disciplines:**

**ARTS AND HUMANITIES:** ART 20; FA 27; MUS 1, 20; TA 20

**ENGLISH COMMUNICATION:** PHIL 3; RD 174; SP 1, 2, 3; WR 1, 2

**LITERATURE:** LIT 20, 21, 22, 23, 107

**MATHEMATICS:** MATH 105

**NATURAL SCIENCES:** BIO 1, EARTH 20, GEOL 1, PHYS 20

**SOCIAL SCIENCES:** GEOG 2, 3; HIST 1, 20; HD 7 or PSYC 7; HD 15 or SOC 15; PS 1

# GENERAL EDUCATION

## PHILOSOPHY

The college faculty determines the scope and content of the general education requirements in the belief that students graduating with a degree from Irvine Valley College should be liberally as well as specifically educated.

The philosophy underlying a “general education” is that no discipline is an isolated endeavor; instead, each relies upon and informs a common body of knowledge, ideas, intellectual processes, cultural traditions, and modes of perception. One’s understanding of a specific subject area is greatly enhanced and enriched by knowledge in and experience with other disciplines. The well-educated student is one who is able to imagine, evaluate, and respond in a wide variety of ways and in a plurality of contexts.

The faculty expects that all students receiving degrees from the college will meet minimum standards in reading, writing, speaking, critical thinking, and mathematics and be broadly exposed to the natural and social sciences, the humanities, and the arts and languages, disciplines within which the human search for knowledge is carried out.



## CATEGORIES

### LANGUAGE AND RATIONALITY

#### READING AND WRITING

Courses in this category enable students to write clearly and effectively, particularly for the purposes of conducting an analysis, presenting a point of view, or expressing an idea or opinion; to read critically and perceptively in a variety of fields and from a variety of texts; and to reason in a logical and coherent fashion, recognizing and avoiding common fallacies of thought.

#### SPEAKING

Courses that fulfill this requirement emphasize the study of the nature, processes, and effects of human symbolic interaction, both verbal and nonverbal. These courses should provide theoretical and practical instruction in mass communication theory. They should also require that students research, outline, and deliver a platform presentation. Courses in this category should enable students to listen critically; to express a position reasonably; and to deliver an oral presentation in public, recognizing the need to adapt their delivery to reach a plurality of audiences for a variety of purposes.

#### CRITICAL THINKING

Courses that fulfill this requirement are designed to provide theoretical and practical instruction in “good thinking” in a general sense. More specifically, such courses emphasize knowledge and skills that enable students to reach factual or judgmental conclusions concerning any topic without fallacy and on the basis of good reasons. Thus, students are instructed in general principles concerning the interpretation of evidence, deductive and inductive inference, and the pitfalls of language and persuasion. Critical thinking courses enable students to move beyond the passive collection of evidence or data and rather engage students in active analytical and evaluative thinking.

## MATHEMATICS

Courses in this category enable students to develop mathematical thinking skills, construct logical arguments, and make valid inferences. In addition to their intrinsic value, these courses also train students in quantitative skills that are essential to many other disciplines.

## AMERICAN INSTITUTIONS

Courses in this category provide students with basic education in American history and its political system. Beyond this, they are designed to provide a theoretical and practical framework within which students can examine central themes associated with the development of an American historical narrative, political system, and its corresponding national institutions. Instruction in these courses emphasizes the study of historical themes, issues, and events as a method of developing critical intelligence and awareness of these forces in the formation of a national identity and value system. The skills acquired in these courses allow students to examine the extent to which these values and patterns of identity are reflected in American political structures, procedures, and institutions.

## NATURAL SCIENCES

A complete education includes training in the scientific method and the fundamental principles of natural science. These principles govern our world and have generated the technologies which run society and allow us to explore the universe. An understanding of the physical and biological sciences and the methods of scientific reasoning significantly enhances a person’s ability to make political, moral, and social decisions.

Courses that fulfill this requirement should include an examination of physical and life science concepts, principles, theories, and laws. They should expose students to the methods of conducting scientific investigation in laboratory and field settings through observation; the

collection, synthesis, and analysis of data; making calculations; graphing and drawing; and explaining conclusions. Finally, these courses should help students integrate the methods and concerns of the empirical sciences with technology and their applications in our daily lives.

### **SOCIAL SCIENCES**

An education must include training in the scientific/empirical method of inquiry used in the social and behavioral sciences, as well as the fundamental principles that govern these disciplines. These principles influence the processes of human interaction, human behavior, and social institutions and help to define us individually and collectively as a society. An understanding of the principles of the social and behavioral sciences, combined with critical thinking, enhances an individual's ability to make responsible political, moral, and social decisions in the modern, everyday world.

Courses that fulfill this requirement explore the nature of individual and collective human behavior; the political, economic, social, and psychological structures/institutions of human beings; and the challenges of developing and sustaining interpersonal and intercultural relationships. These courses should provide instruction in the fundamental principles of the scientific method and the subsequent body of knowledge accumulated through its proper application—data collection, synthesis, and analysis. Such courses should encourage students to develop a healthy skepticism of “explanations” of human behavior, human interaction, and social institutions which lack rigorous examination by qualified social scientists and/or are based upon faulty scientific methodology or unclear thinking. Thus, courses that fulfill the social and behavioral sciences requirement should engage in a high level of critical thinking so that students develop the skills required to make informed political, ethical, moral, and social decisions as participants in a successful democracy.

### **HUMANITIES**

Courses that fulfill this requirement introduce students to the methods and values of humanistic study. These courses investigate the role that philosophy, literature, history, and the arts play in the shaping of human culture and the nature of humanity. Such courses undertake a critical appraisal of the central traditions, values, ideas, and texts by means of which cultures and civilizations—both Western and Eastern—have come to be formulated. Courses in this category also evaluate the major narratives of a culture in common ideas and opinions, in the fabrication of their histories, and in the major fictional and nonfictional texts of a civilization, ancient to modern. Central to these courses is the meaning of the human condition.

### **FINE ARTS AND LANGUAGES**

#### **FINE ARTS**

Courses in this category should engage students in the discovery and appreciation of the methods, value systems, processes, and products of the fine arts, including music, art, photography, speech, and theatre. These courses should develop students' understanding of—as well as their ability to respond to—the aesthetic significance of the formal order called “beauty” and a freer order characterized by the expression of “feeling.” Courses that fulfill this requirement should enable students to examine and respond to the world as it has been represented over time and across cultures in visual, aural, tactile, and dramatic forms; to express their ideas and attitudes in an artistic medium; and to appreciate the contributions that the fine arts have made in establishing and preserving our cultural and historical traditions.

#### **LANGUAGES**

Courses in this category encourage students to be competent at communicating in a foreign language, at least at the beginning level. These courses should require that students comprehend and converse in another language as well as gain insight into the daily life and culture of the peoples

whose language they are studying. Included in this category may be alternative forms of human communication—such as sign language—which provide students with a broad understanding of the process of acquiring language.

### **CULTURAL DIVERSITY**

Courses that fulfill this requirement assist students in achieving a more comprehensive educational experience and cultural perspective by exposing them to historical and cultural patterns that lie outside the framework of the Western and European traditions. Students may select courses investigating non-Eurocentric cultures, such as those of Africa or Asia; one of the many cultures indigenous to the Americas; or one or more of the various ethnic groups in the United States that originated in Africa or Asia. In fulfilling this requirement, students are equipped with the requisite intellectual tools to understand and appreciate an increasingly diverse local, national, and world context; to compete effectively in the global economy; to derive stimulation and knowledge from culturally diverse perspectives; and to maintain a spirit of openness for and understanding of other cultures and lifestyles.

### **LIFELONG HEALTH AND PERSONAL DEVELOPMENT**

Courses in this category focus on developing the processes that contribute to successful lifelong learning, understanding, and self-development. Such courses encourage students to be attentive to the health and well-being of their minds and bodies, resourceful about managing and improving the practical circumstances of their lives, and informed of ways and means by which the individual may promote lifelong personal health and personal development. Courses that fulfill this requirement should focus on the interdependence of the physiological, social/cultural, practical, and psychological/emotional factors that contribute to an individual's development, pose limitations, engender potential, and offer options to the individual throughout his or her life.

# ASSOCIATE DEGREE GENERAL EDUCATION REQUIREMENTS IRVINE VALLEY COLLEGE 2008-2009

Courses on this list fulfill the general education requirements for the Associate in Arts and Associate in Science degrees at Irvine Valley College. They may not fulfill general education requirements at the CSU and UC systems. Courses in Reading and Writing, Speaking, Critical Thinking, and Mathematics must be completed with a grade of "A," "B," "C," or "P."

Students must file an application for graduation in the Office of Admissions and Records early in their final semester at IVC. The application for graduation includes an evaluation of the student's general education and major/emphasis course requirements. See an IVC counselor for assistance.

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

## LANGUAGE AND RATIONALITY

Complete one course in each of the following three categories (A, B, and C):

- A. **READING AND WRITING**  
Writing 1
- B. **SPEAKING**  
Speech 1
- C. **CRITICAL THINKING**  
Math 13†  
Philosophy 3  
Psychology 2, 110  
Reading 174  
Speech 2, 3  
Writing 2

† May be applied to Critical Thinking or Mathematics, not both

## MATHEMATICS

Complete one of the following:

- Computer Science 6A°, 6B°
  - Economics 10°
  - Management 10°
  - Mathematics 2, 3A, 3B, 4A, 8, 9, 10, 11, 13†, 24, 26, 30°, 31°, 47, 105, 124, 253
  - Psychology 10
- † May be applied to Mathematics or Critical Thinking, not both

## NATURAL SCIENCES

Complete one of the following:

- Astronomy [20 and 25]\*
- Biology 1/1L\*, 2, 5, 6/6L\*, 11, 19, 94/94L\*, 109\*\*, 121
- Chemistry 1A, 3, 4
- Earth Science 20
- Geology 1, 2, 22, 23
- Marine Science 20
- Physics 2A, 4A, 20

\* Students must complete both the lecture and lab to receive general education credit

\*\* Only the 4-unit version of Bio. 109 may be applied for general education credit

## SOCIAL SCIENCES

Complete one of the following:

- Administration of Justice 2, 4, 5, 8
  - Anthropology 2, 3, 4, 7, 9, 21
  - Economics 1, 2, 6°, 13, 20
  - Environmental Studies 1, 6°
  - Geography 2, 3, 38
  - History 45°
  - Human Development 7°, 15°
  - Management 1
  - Political Science 1†, 4, 6, 14, 17
  - Psychology 1, 2, 3, 5, 7°, 21, 30°, 37, 106
  - Sociology 1, 2, 10, 15°, 19, 20, 21, 30°
  - Women's Studies 10
- † May be applied to Social Sciences or American Institutions, not both

## CULTURAL DIVERSITY

Complete a minimum of 3 units from any of the following courses:

- Anthropology 2‡, 3‡, 4‡, 7‡, 9‡, 21‡
  - Art 22‡, 23‡, 27‡
  - Dance 30‡
  - Geography 2‡
  - History 1‡, 2‡, 31‡, 33‡, 40‡, 41°‡
  - Humanities 20‡, 21‡, 22‡
  - Human Development 230
  - Japanese 21‡
  - Literature 46‡
  - Management 268, 269
  - Music 21‡
  - Political Science 6‡, 17‡, 41°‡
  - Sociology 20‡
- ‡ May be applied to both the cultural diversity category and the other category in which the course is listed

## HUMANITIES

Complete one of the following:

- French 21
- History 1, 2, 10, 11, 33, 40, 41°
- Humanities 1, 2, 3, 4, 20, 21, 22, 70, 71, 73
- Japanese 21
- Literature 1, 20, 21, 22, 23, 24, 30, 31, 32, 33, 40, 41, 43, 45, 46, 47, 107
- Philosophy 1, 2, 5°, 7, 10, 11
- Political Science 5°, 41°

## FINE ARTS AND LANGUAGES

Complete one of the following:

- Art 1°, 4, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 40, 41, 50, 80, 81, 82, 85, 86
  - Chinese 1, 1A/1B\*, 2, 2A/2B\*
  - Dance 1, 6, 7, 12, 13, 17, 18, 22, 23, 30, 33, 36, 55, 65, 77
  - Digital Media Art 51°, 140, 150
  - Fine Arts 27
  - French 1, 1A/1B\*, 2, 3, 4, 5, 10, 121
  - Japanese 1, 1A/1B\*, 2, 2A/2B\*, 3, 4, 10
  - Music 1, 3, 4, 5, 6, 20, 21, 27, 28, 38, 39, 40, 41, 42, 43, 46, 47, 54, 55, 56, 80, 81, 82, 83, 84, 85
  - Photography 1°, 50, 51°, 55, 56
  - Sign Language 21, 22, 23
  - Spanish 1, 1A/1B\*, 2, 2A/2B\*, 3, 4, 10
  - Speech 30°, 35°, 100, 106
  - Theatre Arts 1, 2, 3, 4, 7, 10, 17, 19, 20, 21, 25, 26, 30°, 35°, 40B
  - Writing 10, 11, 13
- \* Students must complete both courses in an A/B sequence to receive general education credit

## AMERICAN INSTITUTIONS

Complete one of the following:

- History 20, 21
  - Political Science 1†
- † May be applied to American Institutions or Social Sciences, not both

## LIFELONG HEALTH AND PERSONAL DEVELOPMENT

Complete at least one course in any two of the following three categories (A, B, C):

### A. Health and Wellness

- Adaptive Physical Education 1, 6
- Biology 44
- Dance 50, 51
- Health 1, 2
- Nutrition 1
- Physical Education 4, 5, 6, 8, 11, 12, 13, 20, 22, 23, 25, 26, 27, 32, 71, 73, 76, 77, 78, 79, 91, 94, 96, 97, 107, 131, 192, 202, 205, 209
- Psychology 133

### B. Information Access

- Computer Information Management 104.1, 107.1, 240.1
- Library 10
- Reading 171

### C. Personal and Practical Resources

- College Studies 1, 4, 10, 102, 103, 150
- Economics 105°
- Electronic Technology 101
- Human Development 270
- Management 105°, 125
- Physical Education 85, 90
- Women's Studies 100, 120

# CALIFORNIA STATE UNIVERSITY (CSU) GENERAL EDUCATION CERTIFICATION—IRVINE VALLEY COLLEGE 2007-2009

Students planning to graduate from any California State University (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 2007-2009 General Education Certification List (below) apply to all students, continuing and new, transferring to CSU beginning Fall 2007.

## Certificate of Achievement in California State University General Education—Breadth (CSUGE-BREADTH):

Beginning Fall 2008, students who complete 39-48 units of the California State University General Education Certification will be awarded a certificate of achievement by Irvine Valley College.

Students must file for CSU evaluation in the Office of Admissions and Records early in their final semester at IVC.

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

**PLEASE NOTE:** CSU Certification represents only a portion of the 60 total units that students must complete before transferring. Please see an IVC counselor to determine your lower division major requirements.

## COURSES IN AREAS A1-A3 AND AREA B4 MUST BE COMPLETED WITH A GRADE OF “A,” “B,” “C,” OR “P.”

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

### AREA A: COMMUNICATION IN THE ENGLISH LANGUAGE AND CRITICAL THINKING

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

#### A1: ORAL COMMUNICATION

Speech 1

#### A2: WRITTEN COMMUNICATION

Writing 1

#### A3: CRITICAL THINKING

Philosophy 3

Psychology 110

Reading 174

Speech 2, 3

Writing 2

### AREA B: PHYSICAL UNIVERSE AND ITS LIFE FORMS

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 SCIENCE

Astronomy 20, 20/25\*

Biology 10\*

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

Earth Science 20\*

Geography 1

Geology 1\*, 2\*, 3, 22\*, 23\*

Marine Science 20\*

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

#### B2: LIFE SCIENCE

Anthropology 1

Biology 1, 1/1L\*, 2\*, 4, 5\*, 6, 6/6L\*, 11\*, 12\*, 19\*, 30, 43,

94, 94/94L\*, 97, 99, 99/99L\*, 121\*

#### B3: LABORATORY ACTIVITY

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

### B4: MATHEMATICS/QUANTITATIVE REASONING

Computer Science 6A°, 6B°

Economics 10°

Management 10°

Math 2, 3A, 3B, 4A, 8, 9, 10, 11, 13, 24, 26, 30°, 31°, 105, 124

Psychology 10

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

### AREA C: ARTS, LITERATURE, PHILOSOPHY AND FOREIGN LANGUAGES

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, DANCE, MUSIC, THEATRE)

Art 1°, 4, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 40, 80, 133

Dance 77

Digital Media Art 150

Fine Arts 27

Music 1, 20, 21‡, 27, 28, 34, 37, 39, 40, 41, 54, 55, 56, 80, 81

Photography 1°, 50, 55, 56, 160

Speech 30°, 100, 106

Theatre Arts 1, 8, 10, 11, 15, 16, 17, 19, 20, 21, 25, 26, 28, 30°, 40B

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

Continues, next page

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

**C2: HUMANITIES (LITERATURE, PHILOSOPHY, FOREIGN LANGUAGE)**

Any French, Japanese, or Spanish course numbered 1-10\*  
Chinese 1, 1A/1B\*, 2, 2A/2B\*  
French 20, 21  
History 1‡, 2‡, 10, 11, 51‡  
Humanities 1, 2, 3, 4, 20, 21, 22, 50, 70, 71  
Japanese 21  
Literature 1, 20, 21, 22, 23, 24, 30, 31, 32, 33, 40, 41, 42, 43, 45, 46, 47  
Philosophy 1, 2, 5°, 7, 10, 11  
Political Science 5°  
Sign Language 21, 22, 23  
Writing 10, 11, 12, 13

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

\* Credit for courses in an A/B sequence will be given only upon completion of both the A and the B course.

**AREA D: SOCIAL, POLITICAL AND ECONOMIC INSTITUTIONS**

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

Prior to graduation from CSU, students must fulfill the AMERICAN INSTITUTIONS REQUIREMENT. Political Science 1 and History 20 or 21 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.

**D1: ANTHROPOLOGY AND ARCHAEOLOGY**

Anthropology 2, 3, 4, 7, 9

**D2: ECONOMICS**

Economics 1, 2, 6°, 13, 20  
Environmental Studies 6°

**D3: ETHNIC STUDIES**

History 33  
Music 21‡  
Sociology 20

**D4: GENDER STUDIES**

Anthropology 21  
History 51‡  
Psychology 21  
Sociology 19, 21  
Women's Studies 10, 100‡

**D5: GEOGRAPHY**

Geography 2, 3, 38

**D6: HISTORY**

History 1‡, 2‡, 20, 21, 24, 31, 32, 40, 41°, 45°, 51‡  
Political Science 41°, 45°

**D7: INTERDISCIPLINARY SOCIAL OR BEHAVIORAL SCIENCE**

Environmental Studies 1

**D8: POLITICAL SCIENCE, GOVERNMENT AND LEGAL INSTITUTIONS**

Administration of Justice 2, 4, 113  
History 45°  
Political Science 1, 4, 6, 7, 12, 14, 17, 45°

**D9: PSYCHOLOGY**

Human Development 7°‡  
Psychology 1, 2, 3, 5, 7°‡, 30°, 37, 106‡  
Sociology 30°

**D0: SOCIOLOGY AND CRIMINOLOGY**

Administration of Justice 2, 8  
Human Development 15°  
Psychology 30°  
Sociology 1, 2, 10, 15°, 30°

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

† Credit will be given in either Area D or Area E, not both.

**AREA E: LIFELONG UNDERSTANDING AND SELF-DEVELOPMENT**

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.

Adaptive Physical Education 1, 6  
Biology 44  
College Studies 1, 4, 10, 102, 103, 150  
Dance 1, 6, 7, 12, 13, 17, 18, 22, 30, 36, 50, 51, 55, 65  
Health 1  
Human Development 7°‡  
Nutrition 1  
Physical Education 4, 5, 6, 8, 9, 11, 12, 13, 20, 22, 23, 25, 26, 27, 71, 73, 76, 77, 78, 79, 90, 91, 92, 94, 96, 97, 107, 131  
Psychology 7°‡, 106‡, 133  
Reading 171  
Women's Studies 100‡, 120

† Credit will be given in either Area D or Area E, not both.

**IMPORTANT NOTE: Courses on this list are approved for the 2007-2009 catalog year.**

Students wishing to use a course taken prior to Fall 2007 to fulfill a CSU requirement must be sure that the course was approved for the academic year in which it was taken.

For a complete listing of courses and their approval dates, students may log on to [www.assist.org](http://www.assist.org) or contact the Counseling Center or Transfer Center for assistance.

# INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)–IRVINE VALLEY COLLEGE 2007-2009

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 CSU General Education Certification pattern.

Important: Students should consult an IVC counselor before beginning the IGETC, especially if using coursework from Saddleback or other colleges to fulfill IVC's IGETC pattern or if pursuing high-unit majors such as Engineering, Computer Information Science, Biology, or Chemistry. Students should read the provisions noted in the box below and discuss with their counselor restrictions that may apply to the IGETC.

## Certificate of Achievement in Intersegmental General Education Transfer Curriculum (IGETC):

Beginning Fall 2008, students who complete 36-46 units of the Intersegmental General Education Transfer Curriculum (IGETC) will be awarded a certificate of achievement by Irvine Valley College.

Students must file for IGETC evaluation in the Office of Admissions and Records early in their final semester at IVC. Certification will be provided for students whose last coursework toward IGETC was completed at Irvine Valley College. PLEASE NOTE: IGETC Certification represents only a portion of the 60 total units that students must complete before transferring. Please see an IVC counselor to determine your lower division major requirements.

ALL IGETC COURSES MUST BE COMPLETED WITH A GRADE OF "A," "B," "C," OR "P."

Students must complete the entire IGETC before transferring (consult a college counselor for clarification). Consult an IVC counselor or IVC Transfer Center about campuses that do not accept the IGETC.

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

### AREA 1: ENGLISH COMMUNICATION

CSU: *Three* courses required, one each from Group A, B and C.

UC: *Two* courses required, one each from Group A and B.

#### 1A: ENGLISH COMPOSITION

Writing 1

#### 1B: CRITICAL THINKING—ENGLISH COMPOSITION

Writing 2

#### 1C: 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.

#### 2A: MATH

Computer Science 6A°, 6B°

Economics 10°

Management 10°

Math 2\*, 3A\*, 3B, 4A, 8\*, 9, 10\*, 11\*, 24, 26, 30°, 31°

Psychology 10

\* Transfer credit may be limited by UC or CSU or both; see the UC course list.

### AREA 3: ARTS AND HUMANITIES

At least three courses, at least one from the Arts and one from the Humanities. 9 semester units, 12–15 quarter units.

#### 3A: ARTS

Art 1°, 4, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

Dance 77

Fine Arts 27

Music 1, 20, 21, 27, 28

Photography 1°

Theatre Arts 20, 21, 25, 26

#### 3B: HUMANITIES

Chinese 3, 3A/3B

French 3, 4, 20, 21

History 1†, 2‡, 10, 11, 20, 21, 24, 31, 32, 33, 40, 41°, 45°, 51†

Humanities 1, 2, 3, 4, 20, 21, 22, 50, 70, 71

Japanese 10, 21

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

Philosophy 1, 2, 5°, 7, 10, 11

Political Science 5°, 41°, 45°

Sign Language 22, 23

Spanish 3, 4

† Credit will be given in Area 3B or 4D, not both.

‡ Credit will be given in Area 3B or 4F, not both.

Continues, next page

◦ **Cross-listed courses: credit will be given in one area only**

#### 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.

##### 4A: ANTHROPOLOGY AND ARCHAEOLOGY

Anthropology 2, 3, 4, 7, 9

##### 4B: ECONOMICS

Economics 1, 2, 6°, 13, 20\*

Environmental Studies 6°

##### 4D: GENDER STUDIES

Anthropology 21

History 51†

Women's Studies 10

##### 4E: GEOGRAPHY

Environmental Studies 1

Geography 2, 3, 38

##### 4F: HISTORY

History 1‡, 2‡

##### 4H: POLITICAL SCIENCE, GOVERNMENT AND LEGAL INSTITUTIONS

Political Science 1, 4, 6, 7, 12, 14, 17

##### 4I: PSYCHOLOGY

Human Development 7°

Psychology 1, 2, 3, 5, 7°, 21, 30°, 37

Sociology 30°

##### 4J: SOCIOLOGY AND CRIMINOLOGY

Administration of Justice 2, 8

Human Development 15°

Psychology 30°

Sociology 1, 2, 15°, 19, 20, 21, 30°

† Credit will be given in Area 4D or 3B, not both.

‡ Credit will be given in Area 4F or 3B, not both.

#### AREA 5: PHYSICAL AND BIOLOGICAL SCIENCES

At least two courses, one Physical Science course and one Biological Science course; at least one must include a laboratory. Underlined courses have a laboratory component. 7–9 semester units, 9–12 quarter units.

##### 5A: PHYSICAL SCIENCE

Astronomy 20, [20 and 25]

Biology 10

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

Earth Science 20\*

Geography 1

Geology 1, 2, 3, 22, 23

Marine Science 20

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

\* Transfer credit may be limited by UC or CSU or both; see the UC course list.

##### 5B: BIOLOGICAL SCIENCE

Anthropology 1

Biology 1\*, 1/1L\*, 2, 4, 5, 6, 6/6L, 11, 12, 15, 19, 30, 43, 44, 94, 94/94L, 97, 99, 99/99L

\* Transfer credit may be limited by UC or CSU or both; see the UC course list.

#### AREA 6: LANGUAGES 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/1B, or Sign Language 22 or 23 at Irvine Valley College.

#### AREA 7: CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION AND AMERICAN IDEALS (Not part of IGETC; may be completed prior to transfer.)

One course from Political Science and one course from History/Economics. 6 semester units.

##### 7A: Political Science

Political Science 1

##### 7B: History/Economics

History 20, 21

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

#### IMPORTANT NOTE: Courses on this list are approved for the 2007-2009 catalog year.

Students wishing to use a course taken prior to Fall 2007 to fulfill an IGETC requirement must be sure that the course was approved for the academic year in which it was taken.

For a complete listing of courses and their approval dates, students may log on to [www.assist.org](http://www.assist.org) or contact the Counseling Center or Transfer Center for assistance.

# INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) INFORMATION

The Intersegmental General Education Transfer Curriculum (IGETC) is a series of courses prospective transfer students attending California community colleges may complete to satisfy the lower division breadth/general education requirements at both the University of California and the California State University. It was developed to simplify the transfer process for students. The University of California has developed an agreement with each California community college that specifies which of its courses may be applied to each category of the IGETC.

If students choose to follow the IGETC, they must complete it before they transfer; otherwise, they will be required to satisfy the specific lower division general education requirements of the college or school at the campus they attend.

All IGETC coursework does not have to be completed at the same college. Courses taken at more than one California community college may be used to fulfill the IGETC. However, the application of courses to IGETC subject areas may vary from college to college.

The IGETC is most helpful to students who want to keep their options open—those who know they want to transfer but have not yet decided upon a particular institution, campus or major. Certain students, however, will not be well served by following the IGETC. If students intend to transfer into a major that requires extensive lower division preparation, such as engineering or the physical and natural sciences, they should concentrate on completing the many prerequisites for the major that the college screens for to determine eligibility for admission (see IGETC Exceptions, next column). Irvine Valley College counselors or UC or CSU admissions representatives can give students additional information about IGETC and advise them of which path is best for each student.

The IGETC is not an admissions requirement. Completing it is not required, nor does it guarantee admission to the campus or program of choice. However, completing the lower division breadth/general education requirements—through the IGETC or the campus-specific requirements (depending upon the program)—may improve a transfer applicant's chances for admission to a competitive campus and/or program.

## GPA REQUIREMENT

IGETC courses must be completed with a grade of "A," "B," "C," or "P." A grade of "Pass" (for courses taken on a pass/no-pass basis) will be accepted; however, students are advised to complete writing and math courses for a letter grade.

## APPLYING COURSES

Courses may be used only once to satisfy one IGETC subject area, even if they are listed in the course agreement under more than one subject area. Courses may be used to satisfy both the IGETC and major requirements.

## CERTIFICATE OF ACHIEVEMENT IN IGETC

Beginning Fall 2008, students who complete 36-46 units of the Intersegmental General Education Transfer Curriculum (IGETC) will be awarded a certificate of achievement by Irvine Valley College.

## IGETC EXCEPTIONS: UNIVERSITY OF CALIFORNIA CAMPUSES

Students with a substantial amount of coursework from institutions outside the United States should consult with a counselor to determine whether they should complete the IGETC or the lower division breadth/general education requirements at the campus they plan to attend.

### BERKELEY

The Colleges of Engineering, Environmental Design, Chemistry and Natural Resources, and the Haas

School of Business have extensive, prescribed major prerequisites. Moreover, the IGETC requirements generally exceed the college-specific breadth requirements (but do not supersede the major requirements). In general, IGETC is not appropriate preparation for majors in these colleges.

### LOS ANGELES

The Henry Samueli School of Engineering and Applied Science does not accept the IGETC.

### MERCED

The Division of Engineering and Natural Science does not recommend the IGETC.

### RIVERSIDE

The Marlan and Rosemary Bourns College of Engineering and the College of Natural and Agricultural Sciences do not accept the IGETC, although any courses taken to satisfy the IGETC may be applied toward the college's breadth pattern. UCR's College of Humanities, Arts, and Social Sciences does accept the IGETC.

### SAN DIEGO

The IGETC is accepted at John Muir, Earl Warren, Sixth and Thurgood Marshall colleges only. Students completing the IGETC are welcomed at Eleanor Roosevelt and Revelle colleges; however, they must also fulfill the specific general education requirements of those colleges. At UCSD, all majors are available to students in each college, so students who choose the IGETC will not be restricted in their choice of major, unless the major is impacted.

### SANTA BARBARA

Students who plan to major in engineering, computer science, or the biological or physical sciences may be better served by completing lower division major preparation rather than the IGETC to ensure competitiveness for admission and make normal, timely progress through the major.

# UNIVERSITY OF CALIFORNIA (UC) COURSE LIST

## TRANSFER COURSE AGREEMENT–IRVINE VALLEY COLLEGE 2008-2009

The UC Course List identifies Irvine Valley College courses that transfer to the UC and explains UC credit provisions, if any. For the most up-to-date information about the status of a course, students are advised to log on to [www.assist.org](http://www.assist.org), the official source for California articulation and student transfer information.

### Accounting 1A, 1B

### Adaptive Physical Education 1\*, 6\*

\* Either or both of these courses combined with *Intercollegiate Athletics 1 through 20; Dance 1, 50, 51 and 65; and Physical Education courses listed with asterisks (\*)*: maximum credit, 4 units.

### Administration of Justice 2, 4, 5, 8

### Anthropology 1, 2, 3, 4, 7, 9, 21

**Art** 1, 4, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 40, 41, 50, 51, 52, 80, 81, 82, 85, 86

### Astronomy 20, 25

**Biology** 1°, 1L, 2, 4, 5, 6, 6L, 10, 11, 12, 12D†, 13, 15, 19, 30, 43, 44, 93, 94, 94L, 97, 99, 99L

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

‡ *Bio. 12 D* must be taken in conjunction with *Bio. 12* for transfer credit to be granted.

### Chemistry 1A, 1B, 3†, 4°, 12A°, 12B

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

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

**Chinese** 1, 1A, 1B, 2, 2A, 2B, 3, 3A, 3B

### College Studies 1, 4, 10

**Computer Science** 1, 6A, 6B, 21, 30, 34, 36, 37, 38, 39, 40A, 40B, 41, 50A

**Dance** 1\*, 6, 7, 12, 13, 17, 18, 22, 23, 30, 33, 36, 50\*, 51\*, 55, 65\*, 77, 85

\* Any or all of these courses combined with *Physical Education* or *Intercollegiate Athletics* activity courses: maximum credit, 4 units.

### Digital Media Art 51, 55, 65

### Drafting 50

### Earth Science 20\*

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

### Economics 1, 2, 6, 10, 13, 20\*

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

### Engineering 21, 23

### English, see *Literature*; see *Writing*

### English as a Second Language 81A/B\*

\* Any and all combinations of *ESL 81A* and *81B*: maximum credit granted, 8 units.

### Environmental Studies 1, 6

### Fine Arts 27

**French** 1, 1A, 1B, 2, 2A, 2B, 3, 4, 5, 10, 20, 21

### Geography 1, 2, 3, 38

### Geology 1, 2, 3, 22\*, 23

\* No credit if taken after *Geology 2*.

### Health 1, 2

**History** 1, 2, 10, 11, 20, 21, 24, 31, 32, 33, 40, 41, 45, 51

### Human Development 7, 15

**Humanities** 1, 2, 3, 4, 20, 21, 22, 50, 70, 71, 73

**Intercollegiate Athletics** 1<sup>▲</sup>, 2\*, 3\*, 6\*, 7\*, 9\*, 10\*, 12\*, 13\*, 15\*, 18\*, 19\*, 20\*

\* Any or all of these courses combined with *Adaptive Physical Education 1* and *6*; *Dance 1, 50, 51* and *65*; and *Physical Education* courses listed with asterisks (\*): maximum credit, 4 units.

▲ UC credit pending.

**Japanese** 1, 1A, 1B, 2, 2A, 2B, 3, 4, 10, 21

### Library 10

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

### Management 1, 10, 12A

### Marine Science 20

**Mathematics** 2†, 3A\*, 3B, 4A, 8†, 9, 10°, 11\*, 13<sup>▲</sup>, 24, 26, 30, 31, 47<sup>▲</sup>

† *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.

▲ UC credit pending.

**Music** 1, 3, 4, 5, 6, 20, 21, 27, 28, 34, 37, 38, 39, 40, 41, 42, 43, 46, 47, 50, 51, 52, 53, 54, 55, 56, 70, 71, 72, 80, 81, 82, 83, 84, 85

### Nutrition 1

**Philosophy** 1, 2, 3, 5, 7, 10, 11

**Photography** 1, 50, 51, 55, 56

**Physical Education** 4\*, 5\*, 6\*, 8\*, 9\*, 10\*, 11\*, 12\*, 13\*, 20\*, 22\*, 23\*, 25\*, 26\*, 27\*, 32\*, 71\*, 73\*, 76\*, 77\*, 78\*, 79\*, 85†, 86†, 90\*, 91\*, 92\*, 94\*, 96\*, 97\*

\* Any or all of these courses combined with *Intercollegiate Athletics 1* through *20; Dance 1, 50, 51* and *65; and Adaptive Physical Education 1* and *6*: maximum credit, 4 units.

† *PE 85* and *86* combined with any *PE, Adaptive Physical Education* and/ or *Intercollegiate Athletics* course, and/or with *Dance 1, 50, 51, and 65*: maximum credit, 8 units.

**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, 7, 12, 14, 17, 41, 45

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

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

### Sign Language 21, 22, 23

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

**Spanish** 1, 1A, 1B, 2, 2A, 2B, 3, 4, 10

**Speech** 1, 2\*, 3\*, 9, 30, 35

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

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

### Women's Studies 10

**Writing** 1, 2, 10, 11\*, 12\*, 13†

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

† *Writing 13*, maximum credit, 6 units.

# CROSS ENROLLMENT AT CALIFORNIA STATE UNIVERSITY AND THE UNIVERSITY OF CALIFORNIA

Irvine Valley College (IVC) students who are California residents have the unique opportunity to attend California State University (CSU) or University of California (UC) campuses while they are still at IVC. This program is especially useful for community college students who might want to transfer to a local CSU or UC campus.

Eligible students may enroll in one undergraduate course per academic term at any CSU or UC campus without formal admission and without payment of additional state university fees.

Cross enrollment through this program is on a space-available basis at the discretion of the appropriate campus authorities at IVC and the UC or CSU campus. Students may not enroll in any pre-collegiate courses at the university.

## ELIGIBILITY REQUIREMENTS:

To participate in cross enrollment, the student must meet all of the following conditions. To qualify for cross enrollment the student must:

- Be a California resident;
- Have completed at least 12 units at IVC as a matriculated student;
- Have earned a grade point average of 2.0 (or better) for all coursework completed at IVC;
- Be enrolled in at least 6 units at IVC for the term the student plans to take a class at the CSU or UC;
- Have paid all fees owed to IVC for the current term; and
- Have completed any prerequisites needed to take the classes at the CSU or UC. The host school will make the determination regarding prerequisite completion.

## ENROLLMENT CONDITIONS:

1. Approval for cross enrollment is valid for only the one term specified and is subject to space availability, deadlines, registration procedures and priorities of the host campus. Students must reapply for each term they wish to cross enroll.
2. Students will not be charged additional course enrollment fees. However, host campuses may charge an administration fee each term.
3. Students who are cross-enrolled will have to pay any additional fees required of all other students (labs, materials, breakage, computer, transcripts, etc.).
4. Academic advisement is available through the IVC Counseling Center. Students are advised to check with an IVC counselor before enrolling in classes to ensure that the course meets their educational goals and is transferable.
5. Evidence of completion of prerequisites may be required at the time of enrollment by the host campus (student transcripts or official grade reports).
6. Financial aid is available only through the IVC Financial Aid Office. Students using veterans, federal, or state funding must secure eligibility certification through the IVC Financial Aid Office.
7. Records of credit earned through cross enrollment are maintained by the host campus. In order to have credit earned through cross enrollment used for degree or transfer evaluation, students must request that transcripts be sent to the IVC Office of Admissions and Records.
8. Health services on the host campus are limited to treatment of emergencies only.

9. Because of overlapping academic calendars, cross enrollment is possible only in the following combinations:

IVC Calendar	Host Campus Calendar (CSU or UC)
Fall Semester	Fall Semester or Quarter
Spring Semester	Either Spring Semester or Winter or Spring Quarter
Summer Session	Summer Session or Quarter

10. Participation in student activities or use of the student union at the host campus is subject to limitations set by the host campus.
11. Parking on the host campus is available by purchasing the parking permit or paying the daily fee available at the host campus.
12. Information concerning campus identification card policies should be obtained during registration at the host campus.
13. Students are subject to all administrative procedures of the host campus.

The IVC Office of Admissions and Records, the Transfer Center, and IVC counselors are available to help students take advantage of the cross enrollment program.

For more information, students may refer to the Admissions web page—[www.ivc.edu/admissions](http://www.ivc.edu/admissions)—or contact the Irvine Valley College Career/Transfer Center in the Student Services Center, Room 230, (949) 451-5339.

# TRANSFER PLANNING

## INTRODUCTION

There are four segments of higher education in California: (a) the University of California (UC) system with ten campuses; (b) the California State University (CSU) system with 23 campuses; (c) the approximately 75 accredited independent colleges and universities; and (d) the 110 community colleges.

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 33 of this catalog. The Counseling Center 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 Career/Transfer Center and Counseling Center. Articulation information is also available online (see ASSIST, right column).

## TRANSFER MAJOR PATTERNS

Many popular transfer major patterns for four-year institutions are available in the Career/Transfer Center and Counseling Center. For a more complete list of majors, students are advised to access Articulation System Stimulating Inter-Institutional Student Transfer (ASSIST): [www.assist.org](http://www.assist.org). The major patterns are intended to help students plan their educational program. However, because course and program changes may occur throughout the school year, students are always encouraged to consult the Career/Transfer Center for the most up-to-date information. The Irvine Valley College Counseling faculty can provide valuable assistance to students in pursuing the major and transfer institution of their choice.

## CAREER/TRANSFER CENTER

The Career/Transfer Center is located on the second floor of the Student Services Center in Room SC 230. The center offers a wide range of services for all students planning to transfer. Students are encouraged to take advantage of the resources that will assist them throughout the transfer process and should make a point of visiting the center during their first semester at IVC. Services include individual appointments with university representatives and university campus tours. In addition, students are advised to meet with an IVC counselor to plan their program of study.

## ASSIST

### ARTICULATION SYSTEM STIMULATING INTERINSTITUTIONAL STUDENT TRANSFER

**ASSIST** is the official source for California articulation and student transfer information. It is a computerized student transfer information system that can be accessed 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 Career/Transfer Center.

## GENERAL EDUCATION/BREADTH

Most educational institutions develop a set of general education or breadth requirements to insure that their graduating students have received a well-rounded education. **The California State University General Education Certification List and the Intersegmental General Education Transfer Curriculum (IGETC)** are articulation agreements intended to assist students who plan to continue their education at a California State University or University of California campus. The Career/Transfer Center and Counseling Center keep additional information about general education requirements of specific campuses of these institutions, as well as requirements of independent colleges, many of which will accept the IGETC as an alternative to their own general education requirements. Students are advised to visit the Counseling Center and Career/Transfer Center for assistance in planning a transfer program.

# FAQS ABOUT TRANSFERRING

## 1. Which courses do I have to take?

In general, English and Math are required. It is also important to take at least one or two courses in areas you are considering as majors. Ideally, you will want to know your major as far ahead as possible before you transfer. The first two years of college are the best time to explore a major, and this process takes time. 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).

## 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 students 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. You are encouraged to sign up for College Studies 102, Career Exploration, a course designed to assist students in deciding on a career, or College Studies 1, Academic Planning, a course designed to assist students in developing an individualized transfer plan.

## 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 60 transferable units with a minimum 2.0 GPA (2.4 if you are a nonresident) for CSU, and 60 transferable units with a minimum 2.4 GPA (2.8 if you are a nonresident) 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.).

Meeting these criteria establishes minimum eligibility but does not guarantee admission. Consult with the Career/Transfer Center to learn about the appropriate filing period. As a California 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 51) and confer with an IVC counselor if you have any questions about the transferability of a particular course.

## 6. What's an associate degree? Do I need one in order to transfer?

An associate 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. You should be aware, however, that requirements for the associate degree may not be the same as requirements for transfer. It is important to consult with a counselor to formulate an educational plan that will best suit your individual needs and goals.

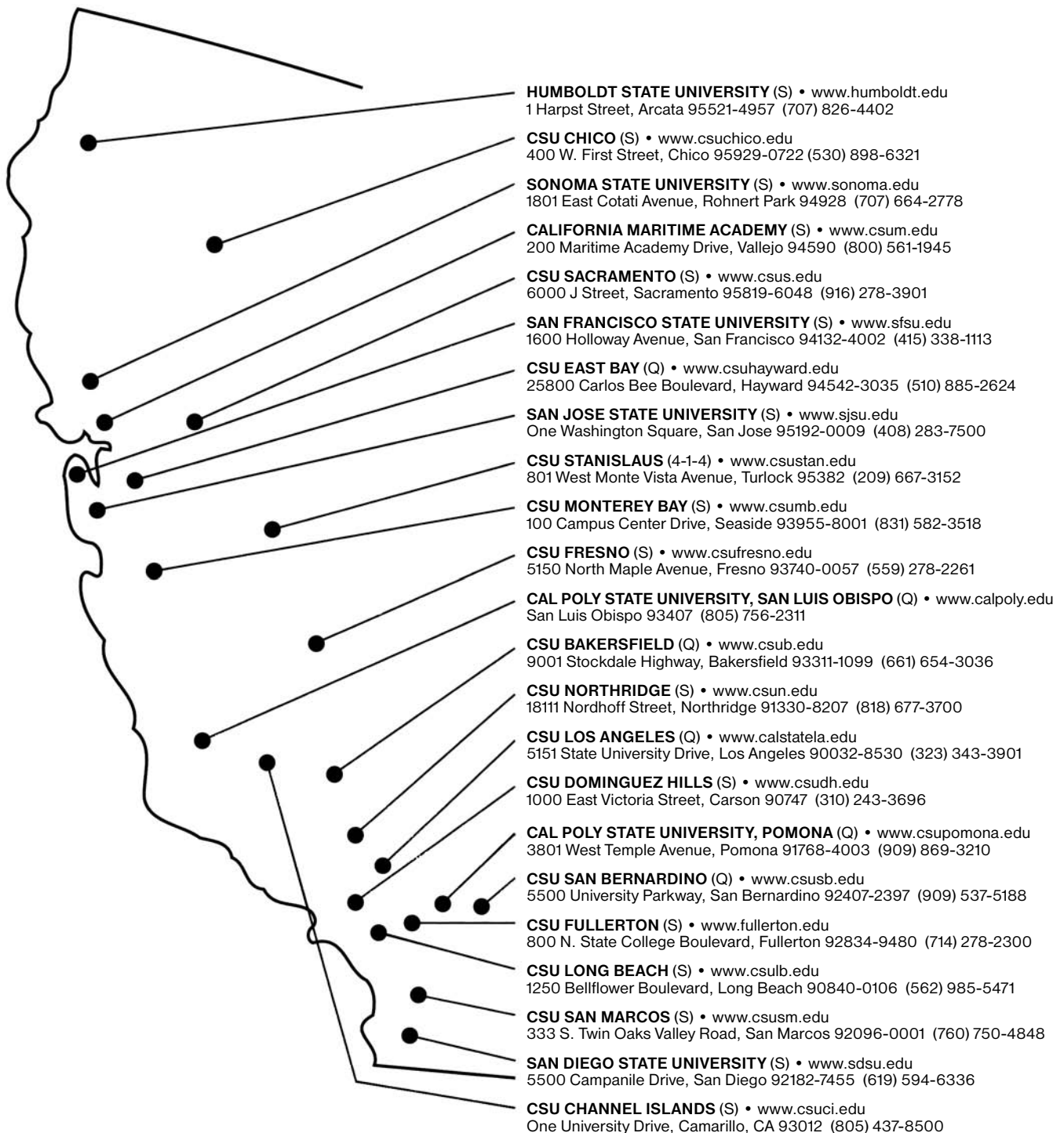
## 7. What are "articulation agreements"?

These are agreements developed cooperatively between IVC and other colleges indicating comparable courses and transferability. They are used as guidelines in planning your transfer program. IVC has developed articulation agreements with all UC and most 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 for assistance. Bring the catalog of the transfer institution with you to the appointment.

All students are encouraged to go to [www.assist.org](http://www.assist.org) to find the most up-to-date articulation information with all UC and CSU campuses.

# CALIFORNIA STATE UNIVERSITY CAMPUSES



CSU CAMPUSES

S = SEMESTER SYSTEM    Q = QUARTER SYSTEM

# CALIFORNIA STATE UNIVERSITY ADMISSION REQUIREMENTS

**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.

The most up-to-date information about admission to CSU is available at [www.csumentor.edu](http://www.csumentor.edu).

## LOWER DIVISION TRANSFER ADMISSION REQUIREMENTS

Many campuses may restrict enrollment of lower division students due to heavy enrollment pressure.

California residents are eligible for admission to the California State University (CSU) system with fewer than 60 semester units (90 quarter units) if they:

- Have a college grade point average of 2.00 or better in all transferable college units attempted.
- Are in good standing at the last college or university attended, i.e., they are eligible to re-enroll.
- Meet the admission requirements for a first-time freshman or have successfully completed necessary courses to make up the deficiencies they had in high school if they did not complete the 15-unit pattern of college preparatory subjects.
- Meet the eligibility index required of a freshman.

Some campuses require lower division transfer students to have completed English composition and general education mathematics prior to transfer. Students should contact their campus of choice to determine whether there are limits on admission as a lower division transfer student.

*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.*

## UPPER DIVISION TRANSFER ADMISSION REQUIREMENTS

Students are eligible for admission to the California State University (CSU) system with 60 or more transferable semester units (90 quarter units) if they:

- Have a college grade point average of 2.00 or better (2.40 for non-California residents) in all transferable college units attempted.
- Are in good standing at the last college or university attended, i.e., they are eligible to re-enroll.
- Have completed or will complete prior to transfer at least 30 semester units (45 quarter units) of courses equivalent to general education requirements with a grade of "A," "B," "C," or "P." The 30 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) required in college-level mathematics.

**IMPORTANT!** Be sure to take the four minimally required courses listed above—**English composition, oral communication, critical thinking, and math**—by the end of the spring semester for fall admission and by the end of summer for spring admission to be considered for admission at most CSU campuses.

## PLACEMENT TESTS IN ENGLISH AND MATH

Upper division transfer students who have completed English composition and college-level math courses with grades of "A," "B," "C," or "P" are exempt from the English Placement Test (EPT) and the Entry-Level Mathematics Test (ELM).  
**Upper division transfer students**

**must complete both English composition and college-level mathematics prior to enrolling at a CSU campus.**

## INCOMPLETE ADMISSIONS REQUIREMENTS

As transfer applicants, students are required to submit final transcripts prior to attending CSU classes. A final review will be done to verify the student's successful completion of the courses. If applicants did not complete the courses needed for admission, the CSU campus to which they applied may delay or cancel their admission or enrollment until they successfully complete the required courses.

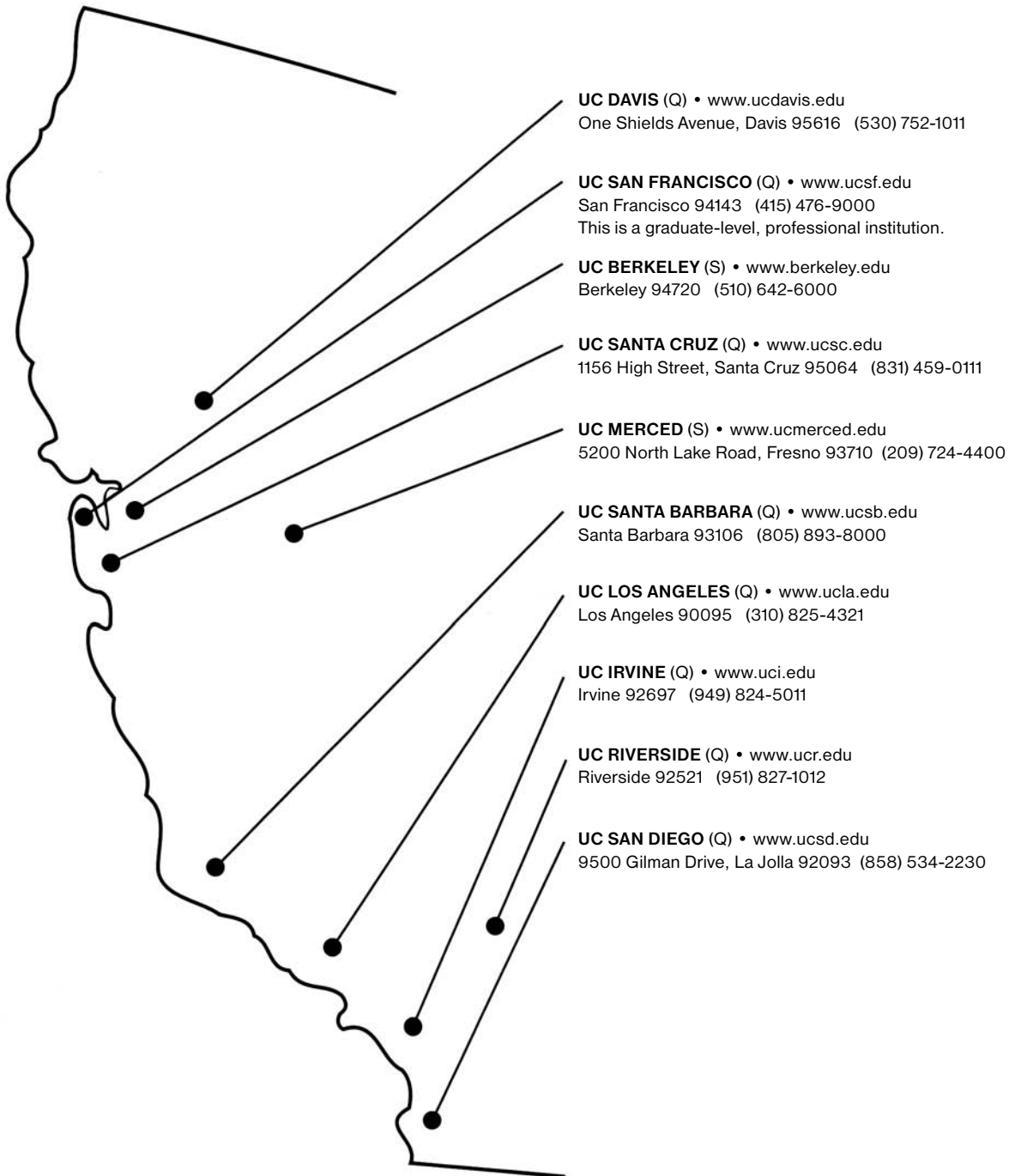
## TRANSCRIPTS

The CSU campus to which students are applying will inform them when to submit official transcripts. Students should request that official transcripts be sent from all colleges and universities that they attended previously, even if no coursework was completed. If students are transferring with fewer than 60 transferable semester (90 quarter) units completed, they must also submit their high school transcript. Transcripts must be received in sealed envelopes directly from each institution the student attended.

## ONLINE APPLICATION FILING PERIODS

The priority filing period for fall admission is October 1–November 30 the year prior to transfer. The filing period for spring admission is August 1–August 30. It is essential to check with the campus to ensure that it is accepting applications for the spring semester. Students should plan on submitting applications early in the filing period.

# UNIVERSITY OF CALIFORNIA CAMPUSES



S = SEMESTER SYSTEM Q = QUARTER SYSTEM

# UNIVERSITY OF CALIFORNIA ADMISSION REQUIREMENTS

## MINIMUM REQUIREMENTS FOR TRANSFER APPLICANTS

**PLEASE NOTE:** The following requirements represent the minimum level of achievement necessary to be eligible for admission to the University of California (UC). Completion of these requirements does not guarantee admission to UC, especially into impacted majors.

### CALIFORNIA RESIDENTS

There are several ways to meet the University's minimum admission requirements for transfer students, as described below. The path students use depends upon the degree to which they satisfied UC's minimum eligibility requirements for freshmen at the time they graduated from high school. In all cases, students must have at least a "C" (2.0) average in all transferable coursework.

1. If students 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 their senior year in high school as being eligible under the Eligibility in the Local Context (ECLC) program—they are eligible to transfer if they have a "C" (2.0) average in their transferable college coursework.
2. If students met the Scholarship Requirement but did not satisfy the Subject Requirement, they must take transferable college courses in the subjects they are missing, earn a grade of "A," "B," "C," or "P" in each of these required courses, and earn an overall "C" (2.0) average in all transferable college coursework to be eligible to transfer.

3. If students were not eligible for admission to the University when they graduated from high school because they did not meet the Scholarship Requirement, they must:
  - A. Complete 60 semester (90 quarter) units of transferable college credit with a grade point average of at least 2.4. No more than 14 semester units may be taken Pass/No Pass; and
  - B. Complete the following course pattern, earning a grade of "A," "B," "C," or "P" in each course:
    - 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, 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 of the transfer admission requirements.

**Minimum eligibility does not guarantee admission.** Students need to consult with a counselor to ascertain realistic GPA requirements.

### NONRESIDENTS

The minimum admission requirements for nonresidents are very similar to those for residents. Students should consult with the Admissions Office at one of the University campuses for details. In all cases, however, nonresidents must have a grade point average of 2.8 or higher in all transferable college coursework.

### PLANNING TO TRANSFER TO UC

**Complete information about UC admissions and program planning is available at [www.ucop.edu/pathways](http://www.ucop.edu/pathways).**

If students are considering transferring to the University of California from Irvine Valley College, it is important that they plan their coursework carefully. First, the courses they take should help them meet the Minimum Admission Requirements for transfer students. In addition to meeting the admission requirements, students should select Irvine Valley College courses that prepare them for upper division studies in their major or fulfill recommended general education requirements.

Knowing what the requirements are and planning their community college program will maximize students' chances for admission to the UC campus and program of their choice. Meeting requirements in advance will give students more freedom when selecting courses once they enroll in the University. Students may also be able to complete their undergraduate education within four years, without having to attend additional terms to meet requirements or take prerequisites.

In rare instances, UC campuses will admit a limited number of lower division transfer students. This means that, in most cases, students should plan on completing at least 60 semester (90 quarter) units of transferable credit before they transfer.

Most UC campuses will consider for advanced standing admission only those students who have completed 60 semester (90 quarter) units, and many campuses give highest priority in the selection process to California community college students who have completed 60 semester (90 quarter) units. Students should contact campus Admissions Offices for more information.

**IMPORTANT!** To be considered for fall admission at most campuses, students must plan to complete all courses required for admission no later than the spring semester preceding the fall they wish to enter the University.

To learn more about the particular requirements that apply to them, students should read the appropriate UC campus General Catalog. In addition, they should contact the Admissions or Relations with Schools Office at the campus they wish to attend as soon as possible to help them with the planning process.

The IVC Career/Transfer Center can provide students with much of the information they need to start planning. UC representatives, as well as representatives from other four-year colleges and universities, visit the Career/Transfer Center to meet and advise prospective transfer applicants.

Representatives are available to give students precise, up-to-date information about the availability of majors, oversubscribed programs, coursework they need to take and requirements that relate specifically to their circumstances. These representatives also can refer students to other reliable sources of information and advising.

## GENERAL EDUCATION REQUIREMENTS

General education requirements are designed to give University undergraduates a broad background in all major academic disciplines—natural sciences, physical sciences, social sciences, humanities and fine arts. The general education requirement, sometimes called the breadth requirement, lists the specific courses students must take or number of credit hours they must earn in each discipline.

Each school and college at every UC campus has its own general education requirement. With careful planning, students can meet many of the lower division requirements while attending community college. They also have the option of completing the Intersegmental General Education Transfer Curriculum (IGETC) to satisfy the lower division general education requirements at any UC campus.

The IGETC is a series of courses prospective transfer students attending California community colleges may complete to satisfy the lower division breadth/general education requirements at both the University of California and the California State University. The University of California has developed an agreement with each California community college that specifies which of its courses may be applied to each category of the IGETC. (See pages 48–50 for further information.)

Following the IGETC general education pattern is generally preferred by most UC campuses for most majors. However, on some UC campuses, and for certain majors, IGETC is not accepted or even recommended, and following the native breadth pattern will benefit transfer students. Students are advised to see a counselor to choose the appropriate general education pattern.

## UNDERGRADUATE MAJOR PREPARATION

Major preparation requirements specify the courses students must take during their first two years of college to prepare for advanced study in their major. Courses may be required as part of the major, they may be prerequisites for other courses that are required as part of the major, or they may be required to gain admission into the major.

Transfer applicants are evaluated, in part, on the basis of their performance in major preparation coursework, so it is important that students investigate the requirements for their intended major as soon as possible. If their major requires mathematics and science, it is especially important that students complete those prerequisites before they transfer.

All University programs that lead to a bachelor's degree are listed by discipline and by campus. The Irvine Valley College Counseling faculty can advise students about the specific major preparation requirements for the program they select, or students may research these requirements in [www.assist.org](http://www.assist.org) or in the general catalog of the campus they plan to attend.

Students should begin coursework in their major as soon as they have selected one. If students are applying for fall admission, the campus may require them to complete certain major preparation requirements by the end of the preceding spring semester. Lack of pre-major work may affect students' eligibility for their major, particularly if there are many applicants and a limited number of spaces.

## GUARANTEED ADMISSION PROGRAMS

Currently, Irvine Valley College offers guaranteed admission programs with UC Irvine, Santa Barbara, Davis, Los Angeles, Riverside, Santa Cruz, and San Diego. Students should visit the Career/Transfer Center or Counseling Center to obtain information regarding specific criteria and deadlines.



## ADDITIONAL REQUIREMENTS

There are other requirements students must fulfill to receive their undergraduate degree from the University, in addition to the general education requirement and their major preparation requirements. Some are University-wide, such as Subject A and the American History and Institutions Requirement. Other requirements vary according to the campus students attend, and their particular college or school and major.

### SUBJECT A REQUIREMENT

Subject A is an English composition requirement that students must satisfy to graduate in any program at the University. Completion of a transferable college course of three semester (four quarter) units in English composition with a "C" or better is one way to satisfy this requirement. Students who meet the

University's basic requirements for minimal transfer eligibility through path 3, which include two transferable college courses in English composition (see number 3B of the Minimum Admission Requirements), satisfy the Subject A Requirement. Many transfer students fulfill the Subject A Requirement while in high school or before entering college in any of the following ways: by achieving a score of 3 or higher on the College Board Advanced Placement Examination in English; by achieving a score of 5 or higher on the International Baccalaureate (IB) Higher Level Examination in English Language A only, or by achieving a score of at least 680 on the SAT II Writing Subject Test.

Students who have not satisfied the Subject A Requirement before transferring must enroll in a Subject A course at the University.

## AMERICAN HISTORY AND INSTITUTIONS REQUIREMENT

All undergraduate degree programs at the University require study in American history and institutions. This requirement may be met through examination or enrollment in specific courses. Each campus decides how its students may meet the requirement.

Satisfactory completion in high school of a one-year course in U.S. history, or a half-year course in U.S. history and a half-year course in American government, satisfies this requirement at all UC campuses except UCSB. (At UCLA, students must also have earned a "B" average in these courses.) UCSB requires students to complete a college-level course. It is highly recommended that students complete this requirement before they transfer.