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ASSOCIATE DEGREES

Students may graduate with an Associate in Arts (A.A.) or Associate in Science (A.S.) degree. The college offers students the choice of 36 A.A. degree majors in the liberal arts and sciences and 25 A.S. degree majors in the technological, applied, and business sciences. Associate degree majors are listed on page 60.

MULTIPLE MAJORS

Students may elect to complete the requirements for more than one major in a degree program under the following conditions: (a) The student must meet the minimum requirements for each major; and (b) 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 a course to fulfill both a major requirement and a general education requirement.

APPLICATION FOR GRADUATION

Associate degrees and certificates are not awarded automatically. Students who expect to graduate from the college must file an application for a degree or certificate with the Office of Admissions and Records. Students who apply for degrees or certificates by March 23, 2007, 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.

GRADUATION APPLICATION DEADLINES

Fall 2006: November 17, 2006
Spring 2007: March 23, 2007
Summer 2007: July 20, 2007

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

CERTIFICATION

CSU or IGETC 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. 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.

Students only completing certification are not included in the May commencement ceremony. However, if the student is applying for a certification with degree, the deadline dates above apply, as well as the commencement information below.

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 by March 23, 2007, to participate in the May commencement ceremony.** Students should consult the Office of Admissions and Records for further information and details.

SECOND DEGREE REQUIREMENTS

STUDENTS WITH BACCALAUREATE OR HIGHER DEGREES

Students seeking an Associate in Arts or Associate in Science 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 Office 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 Office 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;
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.

CERTIFICATES

The 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 a grade of "C" or better. A minimum of 12 units in the certificate program must be completed at Irvine Valley College.

CERTIFICATE OF COMPETENCY REQUIREMENTS

Certificates of competency 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 competency are listed with the program descriptions in this catalog. Students must complete all of the courses in the certificate of competency program with a grade of "C" or better.

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 Office.

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 degrees or certificates by March 23, 2007, will be evaluated for participation in May commencement ceremonies.

GRADUATION REQUIREMENTS

ASSOCIATE IN ARTS DEGREE

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

1. UNIT REQUIREMENT

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.

2. SCHOLARSHIP REQUIREMENT

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.

3. RESIDENCY REQUIREMENT

A minimum of 12 units of the 60 total semester units completed in residence at Irvine Valley College.

4. GENERAL EDUCATION AND MAJOR REQUIREMENTS (COMPLETE OPTION A OR OPTION B)

Students are urged to consult an IVC counselor for assistance in forming an educational plan prior to choosing their general education pattern and major.

OPTION A

GENERAL EDUCATION—Complete one of the following, (a), (b), or (c):

- (a) The Irvine Valley College Associate in Arts degree general education requirements (see page 67), **or**
- (b) The California State University General Education Certification Pattern (CSU Certification, see pages 69–70), **or**
- (c) The Intersegmental General Education Transfer Curriculum (IGETC, see pages 72–73)

— **AND** —

MAJOR—Complete the requirements for an Irvine Valley College Associate in Arts degree major (see pages 89–226).

— **OR** —

OPTION B

University Studies Major: Complete the University Studies major as defined in this college catalog (page 224). The University Studies major offers students various options for fulfilling general education, major and elective requirements.

5. COMPETENCY REQUIREMENT

- **Writing Competency Requirement:** Complete Writing 1 with a grade of “C” or better.

— **AND** —

- **Mathematics Competency Requirement:** Complete Math 253 (Intermediate Algebra) or a higher-level course in mathematics with a grade of “C” or better.

GRADUATION REQUIREMENTS

ASSOCIATE IN SCIENCE DEGREE

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

1. UNIT REQUIREMENT

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.

2. SCHOLARSHIP REQUIREMENT

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.

3. RESIDENCY REQUIREMENT

A minimum of 12 units of the 60 total semester units completed in residence at Irvine Valley College.

4. GENERAL EDUCATION AND MAJOR REQUIREMENTS

Students are urged to consult an IVC counselor for assistance in forming an educational plan prior to choosing their general education pattern and major.

GENERAL EDUCATION—Complete one of the following, (a), (b), or (c):

- (a) The Irvine Valley College Associate in Science degree general education requirements (see page 68), **or**
- (b) The California State University General Education Certification Pattern (CSU Certification, see pages 69–70), **or**
- (c) The Intersegmental General Education Transfer Curriculum (IGETC, see pages 72–73)

—AND—

MAJOR—Complete the requirements for an Irvine Valley College Associate in Science degree major (see pages 89–226).

5. COMPETENCY REQUIREMENT

- **Writing Competency Requirement:** Complete Writing 1 with a grade of “C” or better.

—AND—

- **Mathematics Competency Requirement:** Complete Math 251 (Elementary Algebra) or a higher-level course in mathematics with a grade of “C” or better.

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, 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 non-verbal. 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.

IRVINE VALLEY COLLEGE GENERAL EDUCATION REQUIREMENTS 2006-2007 FOR THE ASSOCIATE IN ARTS DEGREE

**COURSES IN READING AND WRITING, SPEAKING, CRITICAL THINKING AND MATHEMATICS
MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.**

Courses on this list may not fulfill general education requirements at the CSU and UC systems.

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 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**
Philosophy 3
Psychology 2, 110
Reading 174
Speech 2, 3
Writing 2

MATHEMATICS

Complete one of the following courses:
Computer Science 6A°, 6B°
Economics 10°
Management 10°
Mathematics 2, 3A, 3B, 4A, 8, 9, 10, 11, 24, 26, 30°, 31°, 105, 124, 253
Psychology 10

AMERICAN INSTITUTIONS

Complete one of the following courses:
History 20, 21
Political Science 1†
† May be applied to American Institutions or Social Sciences, not both

NATURAL SCIENCES

Complete one of the following courses:
Astronomy [20 and 25]*
Biology 1/1L*, 2, 5, 6/6L*, 11, 19, 94/94L*, 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

SOCIAL SCIENCES

Complete one of the following courses:
Administration of Justice 2, 4, 5, 8
Anthropology 2, 3, 4, 7, 9, 21
Economics 1, 2, 6, 13, 20
Environmental Studies 1
Geography 2, 3, 38
History 45°
Human Development 7°, 15°
Management 1
Political Science 1†, 4, 6, 14, 17, 45°
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‡, 32‡, 33‡, 40‡, 41°‡, 45°‡
Humanities 20‡, 21‡, 22‡
Human Development 230
Japanese 21‡
Literature 46‡
Management 268, 269
Music 21‡
Political Science 6‡, 17‡, 41°‡, 45°‡
Sociology 20‡
Speech 9
‡ 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 courses:
French 21
History 1, 2, 10, 11, 31, 33, 40, 41°, 45°
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, 42, 43, 45, 46, 47, 107
Philosophy 1, 2, 5°, 7, 10, 11
Political Science 5°, 41°, 45°

FINE ARTS AND LANGUAGES

Complete one of the following courses:
Art 4, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 40, 41, 50, 80, 81, 82, 85, 86, 133
Chinese 1, 1A/1B*, 2, 2A/2B*
Dance 1, 6, 7, 12, 13, 17, 18, 22, 23, 30, 33, 36, 55, 65, 77, 85
Digital Media Art 51°, 140, 145, 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, 37, 38, 39, 40, 41, 42, 43, 46, 47, 54, 55, 56, 80, 81, 82, 83, 84, 85
Photography 1, 50, 51°, 55, 56, 160
Sign Language 132, 133
Spanish 1, 1A/1B*, 2, 2A/2B*, 3, 4, 10
Speech 30°, 35°, 100, 106
Theatre Arts 1, 2, 3, 4, 7, 10, 11, 12, 15, 16, 17, 18, 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

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, 47, 71, 73, 76, 77, 78, 79, 91, 92, 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, 101, 102, 103, 104, 150
Economics 105°
Electronic Technology 101
Human Development 270
Management 105°, 125
Physical Education 85, 90
Women's Studies 100, 120

IRVINE VALLEY COLLEGE GENERAL EDUCATION REQUIREMENTS 2006-2007 FOR THE ASSOCIATE IN SCIENCE DEGREE

**COURSES IN READING AND WRITING, SPEAKING, CRITICAL THINKING AND MATHEMATICS
MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.**

Courses on this list may not fulfill general education requirements at the CSU and UC systems.

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 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**
Philosophy 3
Psychology 2, 110
Reading 174
Speech 2, 3
Writing 2

MATHEMATICS

Complete one of the following courses:

- Computer Science 6A°, 6B°
- Economics 10°
- Management 10°
- Mathematics 2, 3A, 3B, 4A, 8, 9, 10, 11, 24, 26, 30°, 31°, 105, 124, 251, 253
- Psychology 10

AMERICAN INSTITUTIONS

Complete one of the following courses:

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

NATURAL SCIENCES

Complete one of the following courses:

- Astronomy [20 and 25]*
- Biology 1/1L*, 2, 5, 6/6L*, 11, 19, 94/94L*, 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

SOCIAL SCIENCES

Complete one of the following courses:

- Administration of Justice 2, 4, 5, 8
- Anthropology 2, 3, 4, 7, 9, 21
- Economics 1, 2, 6, 13, 20
- Environmental Studies 1
- Geography 2, 3, 38
- History 45°
- Human Development 7°, 15°
- Management 1
- Political Science 1†, 4, 6, 14, 17, 45°
- 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‡, 32‡, 33‡, 40‡, 41°‡, 45°‡
- Humanities 20‡, 21‡, 22‡
- Human Development 230
- Japanese 21‡
- Literature 46‡
- Management 268, 269
- Music 21‡
- Political Science 6‡, 17‡, 41°‡, 45°‡
- Sociology 20‡
- Speech 9
- ‡ May be applied to both the cultural diversity category and the other category in which the course is listed

HUMANITIES, FINE ARTS AND LANGUAGES

Complete a minimum of 3 units from the following courses:

- Art 4, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 40, 41, 50, 80, 81, 82, 85, 86, 133
- Chinese 1, 1A/1B*, 2, 2A/2B*
- Dance 1, 6, 7, 12, 13, 17, 18, 22, 23, 30, 33, 36, 55, 65, 77, 85
- Digital Media Art 51°, 140, 145, 150
- Fine Arts 27
- French 1, 1A/1B*, 2, 3, 4, 5, 10, 21, 121
- History 1, 2, 10, 11, 31, 33, 40, 41°, 45°
- Humanities 1, 2, 3, 4, 20, 21, 22, 70, 71, 73
- Japanese 1, 1A/1B*, 2, 2A/2B*, 3, 4, 10, 21
- Literature 1, 20, 21, 22, 23, 24, 30, 31, 32, 33, 40, 41, 42, 43, 45, 46, 47, 107
- Music 1, 3, 4, 5, 6, 20, 21, 27, 28, 37, 38, 39, 40, 41, 42, 43, 46, 47, 54, 55, 56, 80, 81, 82, 83, 84, 85
- Philosophy 1, 2, 5°, 7, 10, 11
- Photography 1, 50, 51°, 55, 56, 160
- Political Science 5°, 41°, 45°
- Sign Language 132, 133
- Spanish 1, 1A/1B*, 2, 2A/2B*, 3, 4, 10
- Speech 30°, 35°, 100, 106
- Theatre Arts 1, 2, 3, 4, 7, 10, 11, 12, 15, 16, 17, 18, 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*

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, 47, 71, 73, 76, 77, 78, 79, 91, 92, 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, 101, 102, 103, 104, 150
Economics 105°
Electronic Technology 101
Human Development 270
Management 105°, 125
Physical Education 85, 90
Women's Studies 100, 120

CSU CERTIFICATION IRVINE VALLEY COLLEGE 2006-2007

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 2006-2007 General Education Certification List (below) apply to all students, continuing and new, transferring to CSU beginning Fall 2006.

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 "C" OR BETTER.

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

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 and 25]*

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, 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, 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 4, 20, 21, 22, 25, 26, 28, 40, 80

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.

C2: HUMANITIES (LITERATURE, PHILOSOPHY, FOREIGN LANGUAGE)

Any French, Japanese, or Spanish course numbered 1-10*

Chinese 1, 1A/1B*, 2, 2A/2B*

French 20

History 10, 11, 51‡

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

Japanese 21

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

Philosophy 1, 2, 5°, 6, 7, 10, 11

Political Science 5°

Sign Language 132, 133, 134, 135

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.

Continued, next page

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

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, 130

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 12, 13, 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°, 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, 102, 103, 104, 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, 47, 71, 73, 74, 75, 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 2006-2007 catalog year.

Students wishing to use a course taken prior to Fall 2006 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 or contact the Counseling Center or Transfer Center for assistance.

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

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM

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, 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 "C" or better. A grade of "Credit" (for courses taken on a credit/no-credit basis) will be accepted; however, students are advised to complete writing and math courses for a letter grade instead of opting for credit/no-credit.

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.

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: In general, IGETC is not appropriate preparation for transfer into the College of Engineering (and the B.A. Computer Science major in the College of Letters and Science). Engineering transfers may use IGETC only to substitute for lower division breadth/general education requirements. Many students will be required to complete at least two upper division general education courses after transfer. Students who plan a major within chemistry, biological sciences, physics or geology will be better served by completing preparation for the major rather than IGETC.

IGETC CERTIFICATION IRVINE VALLEY COLLEGE 2006-2007

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

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.

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 "C" OR BETTER.
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.**

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°

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 4, 20, 21, 22, 25, 26, 28

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

History 10, 11, 12, 13, 20, 21, 24, 31, 32, 33, 40, 41°, 45°, 51†

Humanities 1, 2, 3, 4, 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°, 6, 7, 10, 11

Political Science 5°, 41°, 45°

Spanish 3, 4

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

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

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*

4D: GENDER STUDIES

Anthropology 21

History 51†

Women's Studies 10

4E: GEOGRAPHY

Environmental Studies 1

Geography 2, 3, 38

4H: POLITICAL SCIENCE, GOVERNMENT AND LEGAL INSTITUTIONS

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

Continued, next page

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

4I: PSYCHOLOGY

Human Development 7°
 Psychology 1, 2, 3, 5, 7°, 21, 30°
 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 3B or 4D, 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, 25 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

* 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 and 1B, 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 2006-2007 catalog year.

Students wishing to use a course taken prior to Fall 2006 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 or contact the Counseling Center or Transfer Center for assistance.

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

CROSS ENROLLMENT AT UC AND CSU

California residents currently enrolled at Irvine Valley College 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 Irvine Valley College 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, students must meet all of the following conditions. A student is qualified to cross enroll if the student is California resident and has

- Completed at least 12 units at Irvine Valley College as a matriculated student;
- Earned a grade point average of 2.0 (or better) for all coursework completed;
- Enrolled in at least 6 units for the current term;
- Paid appropriate fees at Irvine Valley College for the current term; and
- Completed appropriate academic preparation as determined by the host campus.

ENROLLMENT CONDITIONS:

1. Approval for cross enrollment is valid for only the one term specified and 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 a \$10 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 at Irvine Valley College in the School of Guidance and Counseling. (Students are encouraged to see a counselor at Irvine Valley College to ensure that the course meets their educational goals and transfer requirements.)
5. Evidence of completion of course prerequisites may be required at the time of enrollment (student transcripts or official grade reports).
6. Financial aid is available only through Irvine Valley College. Students eligible for veterans, federal, or state funding must secure eligibility certification through Irvine Valley College.
7. Records of credit earned through cross enrollment are maintained by the host campus. Students may request that transcripts be sent to Irvine Valley College.
8. Health services on the host campus are limited to treatment for emergencies.

9. Because of overlapping academic calendars, cross enrollment is possible only in certain combinations.

IVC Enrollment	Host Campus Enrollment (CSU or UC)
Fall Semester	Fall Quarter or Semester
Spring Semester	Either Winter or Spring Quarter or Spring Semester
Summer Semester	Summer 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 will be available on the basis of a term fee within campus parking availability or on a daily fee basis.
12. Information concerning host campus identification card policies will be provided at registration.
13. Students are subject to all administrative procedures of the host campus.

For more information about Cross Enrollment, go to the Admissions web page—www.ivc.edu/admissions—or visit the Irvine Valley College Career/Transfer Center in the Student Services Center, Room 230.

UC COURSE LIST

IVC TRANSFER COURSE AGREEMENT 2006-2007

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, 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 2 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 4, 20, 21, 22, 23[▲], 24[▲], 25, 26, 27[▲], 28, 29[▲], 30[▲], 31[▲], 40, 41, 50, 51, 52, 58, 59, 70, 71, 78, 80, 81, 82, 85, 86

[▲] UC credit pending.

Astronomy 20, 25

Biology 1[°], 1L, 2, 4, 5, 6, 6L, 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.

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

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

Computer Science 1, 6A, 6B, 21, 30A, 34, 36, 37, 38, 39, 40A, 40B, 41, 50A, 60[▲]

[▲] UC credit pending.

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

Fine Arts 27

French 1, 1A, 1B, 2, 2A, 2B, 3, 4, 5, 10, 20, 21[▲]

[▲] UC credit pending.

Geography 1, 2, 3, 38

Geology 1, 2, 3, 22*, 23

* No credit if taken after Geology 2.

Health 1, 2[‡]

[‡] Health 2 and PE 88 combined: maximum credit, one course.

History 1[▲], 2[▲], 10, 11, 12, 13, 20, 21, 24, 31, 32, 33, 40, 41, 45, 51

[▲] UC credit pending.

Human Development 7, 15

Humanities 1, 2, 3, 4, 20[▲], 21[▲], 22[▲], 50, 70, 71, 73

[▲] 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*, 24, 26, 30, 31

[†] 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.

Music 1, 3, 4, 5, 6, 15, 20, 21, 27, 28, 34, 37, 38, 39, 40, 41, 42, 43, 44, 46, 47, 48, 50, 51, 52, 53, 54, 55, 56, 70, 71, 72, 80, 81, 82, 83, 84, 85

Nutrition 1

Philosophy 1, 2, 3, 5, 6, 7, 10, 11

Photography 1, 50, 51, 55, 56

Physical Education 4*, 5*, 6*, 8*, 9*, 11*, 12*, 13*, 20*, 22*, 23*, 25*, 26*, 27*, 32*, 47*, 71*, 73*, 74*, 75*, 76*, 77*, 78*, 79*, 85[†], 86[†], 88[‡], 90*, 91*, 92*, 94*, 96*, 97*

* Any or all of these courses combined with Intercollegiate Athletics 2 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, APE and/or Intercollegiate Athletics course, and/or with Dance 1, 50, 51, and 65: maximum credit, 8 units.

[‡] Health 2 and PE 88 combined: maximum credit, one course.

Physical Education: Intercollegiate

Athletics 2*, 3*, 6*, 7*, 9*, 10*, 11*, 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.

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.

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

Spanish 1, 1A, 1B, 2, 2A, 2B, 3, 4, 5, 10

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

* Speech 2 or 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.

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 109 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 pages 63–64 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. 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. An Irvine Valley College counselor 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. It is a vital resource for all students who are planning to pursue a degree at a four-year college or university. Before beginning their lower division coursework at Irvine Valley College, students should take advantage of the resources available in the center and meet with an IVC counselor to plan the best possible program of study.

ASSIST— ARTICULATION SYSTEM STIMULATING INTER- INSTITUTIONAL 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. 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?

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

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

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

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, 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 inquire about the appropriate filing period. As a community college student, you will be given preference over transfer students from four-year universities. The only exception to this policy is entrance into impacted majors, where you must meet other criteria as stipulated. Check with a counselor to find out if the major you're considering is impacted at any of the UC or CSU campuses.

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

The "transferability" of a course is indicated by its number. Almost every IVC course numbered 1-199 will transfer to the CSU system. UC will accept most courses numbered 1-99; however, there are exceptions to this rule. Be sure to check the UC Course List (page 75) and confer with an IVC counselor if you have any questions about the transferability of a particular course.

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

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

7. What are "articulation agreements"?

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

All students are encouraged to go to www.assist.org to find the most up-to-date articulation information.

THE CALIFORNIA STATE UNIVERSITY

HUMBOLDT STATE UNIVERSITY • www.humboldt.edu
1 Harpst Street, Arcata 95521-4957 (707) 826-4402

CSU CHICO (S) • www.csuchico.edu
400 W. First Street, Chico 95929-0722 (530) 898-6321

SONOMA STATE UNIVERSITY (S) • www.sonoma.edu
1801 East Cotati Avenue, Rohnert Park 94928 (707) 664-2778

CALIFORNIA MARITIME ACADEMY (S) • www.csum.edu
200 Maritime Academy Drive, Vallejo 94590 (800) 561-1945

CSU SACRAMENTO (S) • www.csus.edu
6000 J Street, Sacramento 95819-6048 (916) 278-3901

SAN FRANCISCO STATE UNIVERSITY (S) • www.sfsu.edu
1600 Holloway Avenue, San Francisco 94132-4002 (415) 338-1113

CSU EAST BAY (Q) • www.csuhayward.edu
25800 Carlos Bee Boulevard, Hayward 94542-3035 (510) 885-2624

SAN JOSE STATE UNIVERSITY (S) • www.sjsu.edu
One Washington Square, San Jose 95192-0009 (408) 283-7500

CSU STANISLAUS (4-1-4) • www.csustan.edu
801 West Monte Vista Avenue, Turlock 95382 (209) 667-3152

CSU MONTEREY BAY (S) • www.csumb.edu
100 Campus Center Drive, Seaside 93955-8001 (831) 582-3518

CSU FRESNO (S) • www.csufresno.edu
5150 North Maple Avenue, Fresno 93740-0057 (559) 278-2261

CAL POLY STATE UNIVERSITY, SAN LUIS OBISPO (Q) • www.calpoly.edu
San Luis Obispo 93407 (805) 756-2311

CSU BAKERSFIELD (Q) • www.csusb.edu
9001 Stockdale Highway, Bakersfield 93311-1099 (661) 664-3036

CSU NORTHRIDGE (S) • www.csun.edu
18111 Nordhoff Street, Northridge 91330-8207 (818) 677-3700

CSU LOS ANGELES (Q) • www.calstatela.edu
5151 State University Drive, Los Angeles 90032-8530 (323) 343-3901

CSU DOMINGUEZ HILLS (S) • www.csudh.edu
1000 East Victoria Street, Carson 90747 (310) 243-3696

CAL POLY STATE UNIVERSITY, POMONA (Q) • www.csupomona.edu
3801 West Temple Avenue, Pomona 91768-4003 (909) 869-3210

CSU SAN BERNARDINO (Q) • www.csusb.edu
5500 University Parkway, San Bernardino 92407-2397 (909) 880-5188

CSU FULLERTON (S) • www.fullerton.edu
800 N. State College Boulevard, Fullerton 92834-9480 (714) 278-2300

CSU LONG BEACH (S) • www.csulb.edu
1250 Bellflower Boulevard, Long Beach 90840-0106 (562) 985-5471

CSU SAN MARCOS (S) • www.csusm.edu
333 S. Twin Oaks Valley Road, San Marcos 92096-0001 (760) 750-4848

SAN DIEGO STATE UNIVERSITY (S) • www.sdsu.edu
5500 Campanile Drive, San Diego 92182-7455 (619) 594-6336

CSU CHANNEL ISLANDS • www.csuci.edu
One University Drive, Camarillo, CA 93012 (805) 437-8500

S = SEMESTER SYSTEM Q = QUARTER SYSTEM

CALIFORNIA STATE UNIVERSITY

ADMISSIONS 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.

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 may 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 "C" or better. 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, and 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 "C" or better 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 course(s).

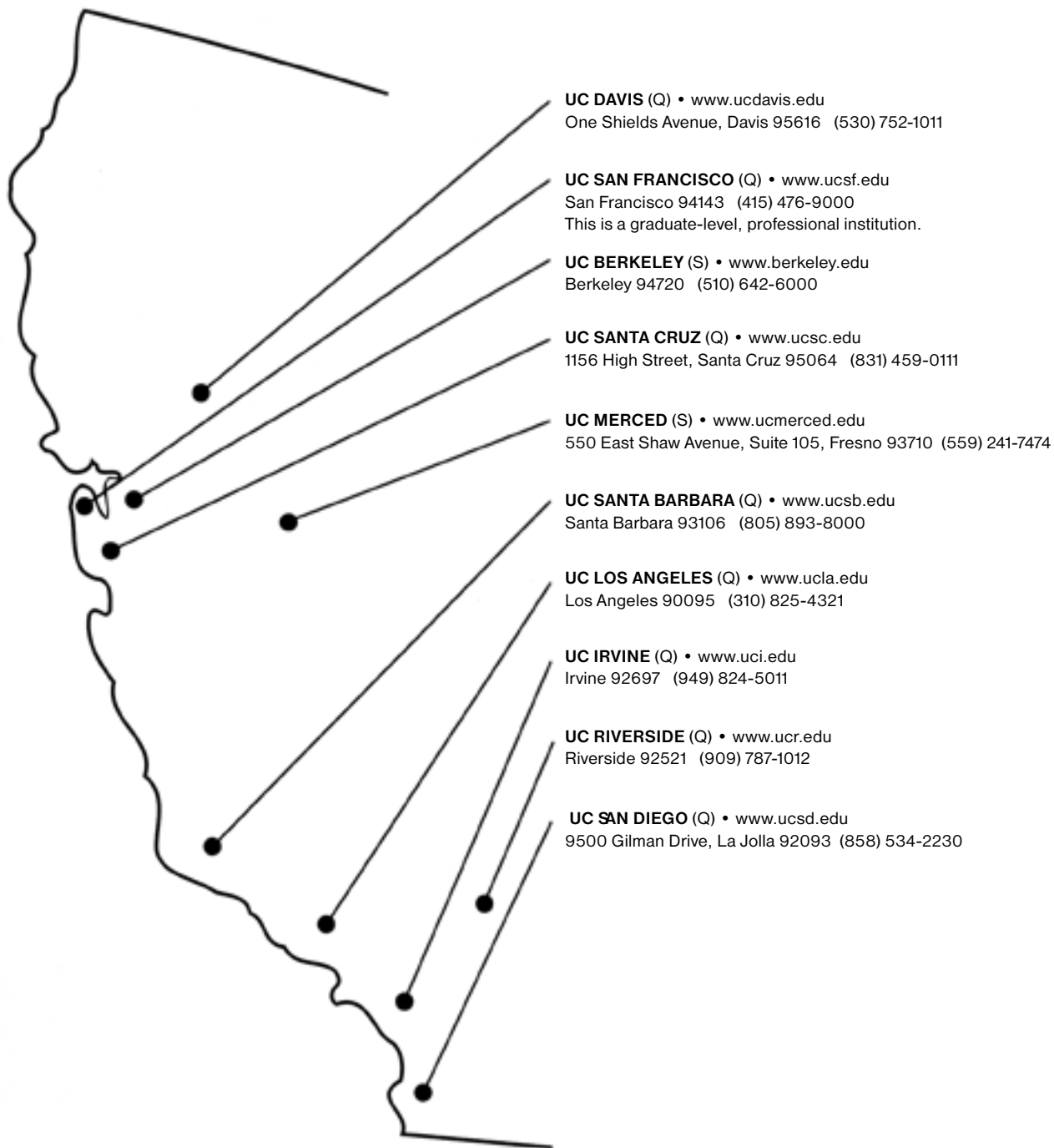
TRANSCRIPTS

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.

THE UNIVERSITY OF CALIFORNIA



S = SEMESTER SYSTEM Q = QUARTER SYSTEM

UNIVERSITY OF CALIFORNIA

ADMISSIONS 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 "C" or better 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 "C" or better 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.

If students are considering transferring to the University 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 around them 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. Representatives in these UC offices 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. UC representatives also can refer students to other reliable sources of information and advising.

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.

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. Following the IGETC general education pattern is generally preferred by most UC campuses for most majors. However, on some UC campuses, for specific majors, 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. Students' counselors can advise students about the specific major preparation requirements for the program they select, or students may research these requirements 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, UC Santa Barbara, UC Davis, UCLA, UC Riverside, UC Santa Cruz, and UC San Diego. Students should visit the Career/Transfer 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.

“IVC is awesome and the professors are extremely helpful. You learn a lot but have fun doing it. I feel ready to go to the university.”

— Taryn Bruette
IVC Communications Major

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. Satisfaction of the Irvine Valley College American Institutions requirement will also meet the requirement at most campuses. It is highly recommended that students complete this requirement before they transfer.

COURSE INFORMATION

COURSE NUMBERS

- 1–299** Intended for associate degree and occupational certificate programs.
- 1–99** Generally transfer to both CSU and UC. UC credit provisions, if any, are explained on the UC Course List, page 75. Many general education courses are numbered in this range
- 100–199** Generally transfer to CSU but not to UC. Many general education courses are numbered in this range.
- 200–299** May occasionally carry transfer credit to four-year institutions; it is up to the receiving institution to make that determination. Courses in this range include those intended for continuing education (whether related to employment or personal development), for skill development, and for college preparatory purposes. **Please note:** 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 at Irvine Valley College; Writing 201 is the only 200-level English course that may be applied for associate degree credit.
- 300–399** Basic skills or college preparatory courses. Courses in this range are not applicable to associate degrees or certificates, nor do they carry transfer credit to four-year institutions. These courses do not count toward the 60-unit requirement for graduation and are not used in calculating students' grade point averages for associate degrees or certificates. There is also a state-imposed restriction limiting students to taking no more than 30 units of basic skills classes.
- 400–** Courses numbered 400 and above do not apply toward degrees or certificates, nor do they carry transfer credit to four-year institutions.

UC TRANSFER STATEMENTS

A number of courses in the IVC catalog include statements to clarify their transfer status to the University of California (UC) during the current academic year.

UC CREDIT PENDING: New IVC courses numbered from 1 to 99 that are currently under review by the University of California.

UC CREDIT PROVISIONS (SEE UC COURSE LIST): Courses numbered from 1 to 99 for which the University of California has noted a number of transfer conditions. Credit provisions may include the amount of credit allowed when a course is taken in combination with other courses; corequisite courses required in order for a course to be UC transferable; limitations on transfer credit granted in such areas as physical education activity courses; limitations on credit granted for courses with overlapping content; and other similar conditions (see page 75).

THE UC APPROVED COURSE LIST (see page 75): Students should consult the Counseling Office for the most up-to-date information about UC course transferability and for answers to questions about the transferability of specific courses. In addition, students should access www.assist.org, the official source for California articulation and student transfer information.

CALIFORNIA ARTICULATION NUMBER (CAN)

The California Articulation Number (CAN) System identifies some of the transferable, lower division, introductory (preparatory) courses commonly taught on California college campuses. The system assures students that CAN courses on one participating campus will be accepted in lieu of the comparable CAN courses on another participating campus. For example, CAN ART 14 on one campus will be accepted for CAN ART 14 on every other participating campus. Each campus retains its own numbering system, but adds the CAN designation parenthetically in its publications. It is expected that most campuses throughout the state will qualify courses to use the California Articulation Numbers. Counseling offices, academic advising offices, and articulation officers can provide the most current listings of CAN courses and campuses participating in the CAN System.

LECTURE, LAB AND LEARNING CENTER HOURS

In a **lecture** class, the preponderance of the student's work is done outside of class—e.g., reading, working on assignments, writing papers, preparing for class and/or performing other required homework or coursework. A typical three-unit lecture class requires at least six additional hours of student work per week.

In a **laboratory** class, the majority of the student's work is done in class. A typical three-unit lab class may require up to three additional hours of student work per week.

In a **learning center**, virtually all of the student's work is done in class.

In all cases, students carrying a full-time class load of 15 units should expect average workloads of 45 hours per week, inclusive of time spent in class.

REPEATABLE COURSE MODELS

Normally, courses are not repeatable. An "NR" at the end of a course description indicates that the course *may not be repeated*.

However, a limited number of courses may be repeated. All such courses are designated with an "R" code (R-A, R-E, etc.) at the close of the course description, which specifies limitations governing the accumulation of credit. A number following the repeat model indicates how many times the course may be repeated. For example, "R-E-3" means that the course may be repeated three times. Repeatable models are as follows:

MODEL A COURSES (R-A): These are separate and distinct courses in a skill-building sequence. Any combination of courses within the sequence (beginning, intermediate, advanced) may be taken a maximum of four times combined.

MODEL B COURSES (R-B): These courses have one course number and title but more than one course outline. Each time the course is offered, a separate and distinct course outline will be used.

MODEL C COURSES (R-C): These courses have one course number and title but more than one course outline. A student enrolling for the first time follows the first outline and is graded on achievements of the objectives stated therein. Subsequent enrollments require the student to follow the second, third, and fourth course outlines in progressive order. These outlines reveal a clear progression of skill development.

MODEL D COURSES (R-D): These courses are offered several times with the same course number and title but with a different theme. Each time the course is offered it will have a separate and distinct course outline, and it will be labeled 1, 2, 3, or 4 with a theme subtitle. A student may enroll in 1, 2, 3, or 4 and thereby repeat the course; however, a student may *not* enroll twice in either 1, 2, 3, or 4.

MODEL E COURSES (R-E): These courses have one course number and title but use a different syllabus each time the course is offered. The course may be taken a total of four times to afford development through supervised practice or group assignments.

MODEL I COURSES (R-I): These courses often have a number of versions with varying unit values. A student may repeat the course up to a maximum number of units as specified in the course description in the catalog.

Courses not identified in the catalog as repeatable by one of the above models may not be repeated. Any student registering to repeat a course not identified as repeatable or repeating a course more often than permitted will be withdrawn from the course.

Note: Students who have earned a substandard grade—that is "D," "F" and/or "NC"—in a course are allowed to repeat the course one more time regardless of whether it is repeatable or not.

Please read pages 35 for detailed information about repeating courses.

READING COURSE DESCRIPTIONS

If no prerequisite is noted, none is required; and any student may enroll in the course.

Weekly class hours, lecture, laboratory, and/or learning center (see explanation below)

Prerequisite—mastery of subject at a certain level is necessary for success in this class. See page 24.

Corequisite—concurrent enrollment in or prior successful completion of a companion course and/or lab is required. See page 24.

Limitation on enrollment—special conditions apply for entry into a course. See page 24.

Recommended preparation—certain preparation is advised before students enter the course. See page 24.

Course ID Course Title

ANTH 1: INTRODUCTION TO PHYSICAL ANTHROPOLOGY

3 Units Units of Credit

3 hours lecture

Transfers: CSU, UC

Physical Anthropology is the study of human biology within the framework of evolution, with an emphasis on the interaction between biology and culture. The course introduces students to the principles of evolution and natural selection, the fossil evidence of human evolution, primate behavior, and the biological basis of human variation. (CAN ANTH 2) NR

Course may not be repeated.

BIO 6: CELLULAR BIOLOGY

3 Units

3 hours lecture

Transfers: CSU, UC

Prerequisite: Bio. 1, Chem. 1B and Math 253.

This course presents an analysis of living systems at the cellular level. It examines the structure and function of prokaryotic and eukaryotic cells and their organelles; the energetics and biochemistry of metabolism; the processes of intracellular transport; and the process of protein synthesis. (BIOL 6+6L: CAN BIOL 2; Bio. 6+6L+5+2: CAN BIOL SEQ A) NR

California Articulation Number (CAN). See page 86.

MATH 180: MATHEMATICS TUTORIAL LEARNING CENTER

.5 Unit

1 hour learning center

Transfers: CSU

Corequisite: Any mathematics course numbered 1-199 or CS 6A/6B.

This credit/no-credit course is designed to facilitate students' learning of mathematics through individualized instruction in a learning center environment. It is recommended for all students concurrently enrolled in a mathematics course. Students must complete 16.6 hours in the Mathematics Tutorial Center during the semester to receive credit. R-E-3

Limits on course repeatability and credit accumulation. See page 87.

IA 12: INTERCOLLEGIATE WOMEN'S BASKETBALL

1 or 2 Units

5 or 10 hours lab

Transfers: CSU, UC credit provisions (see UC course list)

Limitation: Students must meet the COA eligibility requirement and pass a physical examination prior to intercollegiate competition.

This course gives students an opportunity to train for and participate in women's intercollegiate basketball. R-E-3

Course carries transfer credit to UC, but some restrictions may apply. See page 86 for UC transfer statements. See page 75 for the UC Course List.

MUS 70: BEGINNING JAZZ IMPROVISATION

2 units

1.5 hours lecture, 1.5 hours lab

Transfers: CSU, UC

Recommended Preparation: Music theory (Mus. 1), chord construction and previous instrumental or vocal experience/training.

This course introduces basic techniques of jazz improvisation, including scales and chord constructions, with applications toward performance. This is not a beginning instruments class. R-E-3