

allows for previously recorded substandard academic performance (grades D, F, or NP) to be disregarded if it is not reflective of a student's current demonstrated ability (Policy No. 4240).

Southwestern College will honor the academic renewal policy of other accredited institutions in disregarding or removing previous work from degree consideration. Academic renewal by the Southwestern Community College District does not guarantee that other institutions will approve such action. The determination will be made by the respective transfer institutions.

A student may request, under certain circumstances, to have the College disregard substandard coursework (below "C" grade) completed at Southwestern College in computation of grade point average and/or for meeting the requirements for an associate degree. The circumstances for alleviation of substandard academic performance will be subject to all of the following:

- At least two years must have elapsed since the most recent coursework to be disregarded was completed;
- The student must have completed, at any accredited post-secondary institution, at least 24 units of subsequent coursework with a 2.5 (C+) grade point average;
- The student must submit a student petition or request in writing and

present official transcripts from accredited institutions as evidence that the requirements of academic renewal have been met.

Substandard coursework completed at Southwestern College may be eliminated from consideration in the computation of cumulative grade point average as follows:

- Any 9 units of substandard coursework may be eliminated or
- One complete semester (not to exceed 24 units) may be eliminated or
- Two complete semesters (not to exceed 24 units) may be eliminated.

For students with previously earned degrees, courses used to fulfill requirements of a degree are not eligible for academic renewal.

When academic renewal procedures permit previously recorded substandard coursework to be disregarded in the computation of a student's grade point average, the student's permanent academic record shall be annotated in such a manner that all coursework remains legible to ensure a complete academic history.

A student may be granted academic renewal only once at Southwestern College and academic renewal decisions are permanent and cannot be reversed.

Academic renewal procedures may not conflict with the District's obligation to retain and destroy records or with the instructor's ability to determine a student's final grade.

Petitions to request academic renewal without course repetition are available in Admissions and Records at the Chula Vista campus, the Higher Education Centers at National City, Otay Mesa, or San Ysidro, or online at www.swccd.edu (click on Admissions then click on printable forms.). Official transcripts of all academic work, from all accredited post-secondary institutions, must be on file in Admissions at the time of request for academic renewal.

Petitions will be reviewed by Southwestern College's Petition Review Committee.

This petition has no bearing on the District's Course Repetition/Withdrawal procedure 4225 (Title 5, Section 55044).

DEGREES, CERTIFICATES AND CSU/UC CERTIFICATION

COURSE CERTIFICATE

A course certificate verifying the satisfactory completion of a course will be issued upon request to any student who completes a course with a grade of "C" or better. A student who desires such a certificate should submit an application to the instructor during the last four weeks of the semester.

CERTIFICATE OF COMPLETION

Certificates of Completion are approved non-credit certificates. In accordance with Title 5, section 55151, Southwestern College may offer a sequence of noncredit courses

that culminate in a Certificate of Completion – leading to improved employability or job opportunities.

CERTIFICATE OF PROFICIENCY

Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. Approved Certificate of Proficiency programs have less than 18 units. Certificates of Proficiency are not awarded automatically. It is the responsibility of the student to ensure satisfactory completion of the certificate requirements. When all requirements are completed or in-progress, students should submit an online petition

at www.swccd.edu/evaluations. These certificates will not be listed on a student's transcript. Certificates of Proficiency are not awarded at the Southwestern College commencement ceremony.

CERTIFICATE OF ACHIEVEMENT

Certificates of Achievement require 18 or more units in an approved program. Certificates of Achievement are designed to convey evidence that defined levels of proficiency have been attained in career or technical areas. Certificates of Achievement are available in most of the majors for which

the College offers the associate degree. Students select a certificate of achievement area with specified course requirements from the Program of Study section of the catalog.

To qualify for a Certificate of Achievement, a student must do all of the following:

- Complete all courses listed for a particular certificate;
- Achieve a grade of “C” or better in all courses required for that specific certificate;
- File an online petition for Certificate of Achievement at www.swccd.edu/evaluations
- Satisfactorily complete at least one required course at Southwestern College during the semester in which the certificate is earned.

ASSOCIATE DEGREE PROGRAMS

Students are encouraged to plan their educational objectives in such a manner as to qualify for graduation with an associate degree. A candidate does not automatically receive the degree upon completion of graduation requirements but must submit a Petition for Graduation, which must be filed by the deadline dates (see “Graduation and Certification Requirements” page 59). A minimum of 60 total units, including general education courses, degree program course requirements and elective courses, is required to earn an associate degree. Students are strongly advised to see their counselor for assistance in setting up their educational plan (Policy No. 6037).

ASSOCIATE IN ARTS DEGREE

A degree program consisting of a minimum of 18 units in the major typically from the fields of humanities, fine and communication arts, social and behavioral sciences, and related fields. Some programs may mirror the lower-division requirements for a bachelor’s degree in the same department. Others may lead to entry-level skills in the chosen field.

ASSOCIATE IN SCIENCE DEGREE

A degree program consisting of a minimum of 18 units in the major typically from the fields of engineering, physical and biological sciences, and other occupational curricula. Some programs may mirror the lower-division requirements for a bachelor’s degree in the same department. Others may lead to entry-level skills in the chosen field.

ASSOCIATE DEGREES FOR TRANSFER (ADT)

California Community Colleges are now offering associate degrees for transfer to the CSU. These may include Associate in Arts (AA-T) or Associate in Science (AS-T) degrees. These degrees are designed to provide a clear pathway to a CSU major and baccalaureate degree. California Community College students who are awarded an AA-T or AS-T degree are guaranteed admission with junior standing somewhere in the CSU system and given priority admission consideration to their local CSU campus or to a program that is deemed similar to their community college major. This priority does not guarantee admission to specific majors or campuses.

Students who have been awarded an AA-T or AS-T are able to complete their remaining requirements for the 120-unit baccalaureate degree within 60 semester or 90 quarter units.

To view the most current list of Southwestern College Associate Degrees for Transfer and to find out which CSU campuses accept each degree, please go to www.sb1440.org. Current and prospective community college students are encouraged to meet with a counselor to review their options for transfer and to develop an educational plan that best meets their goals and needs.

ASSOCIATE DEGREE REQUIREMENTS

GENERAL EDUCATION REQUIREMENTS

Southwestern College is committed to providing general education encompassing communication skills, computational skills, natural sciences, arts, humanities, and social and behavioral sciences, which are basic to effective living and full participation in a democratic society (Policy No. 6039).

The College believes that a comprehensive education introduces the student to the fundamentals of human experience and knowledge in the context of a global society. Such experience provides a common base of learning for all students and seeks to meet the needs of a student body diverse in social, cultural, and educational backgrounds. It also serves to develop creativity and critical thinking skills essential to the attainment of personal goals and to the ability of the individual to make a positive contribution to society.

The purpose of general education is to enhance learning and to add breadth to the college experience in order to compliment the specialization in the major. The general education curriculum thus provides coherence to undergraduate education, affording the student the opportunity to develop an integrated overview of the diverse fields of human knowledge.

A student may meet the general education requirements for an associate degree by completing one of the following transfer general education patterns:

- California State University (CSU) General Education Breadth Requirements
- Intersegmental General Education Transfer Curriculum (IGETC)

MAJOR REQUIREMENTS

A student may be enrolled for one or more semesters without declaring a specific major. A student may also change majors. The requirements for the major will be determined by the catalog in effect during the semester in which the student declared or changed the major or any subsequent catalog within periods of continuous enrollment. All major requirements must be completed using the same catalog.

SWC GRADUATION REQUIREMENTS

COMPUTER LITERACY REQUIREMENT

The requirement for the associate degree is satisfactory completion (grade “C” or better or “Pass”) in one course (minimum 1 unit) selected from those listed below. Computer literacy is defined as an awareness of the impact that the electronic digital computer is having on contemporary society and the ability to use the computer to perform fundamental tasks that would be encountered in educational and job-related areas where it has the most widespread use. Students who have a background in computers may substitute a more advanced computer course or may have this requirement waived by verified work experience in the computer field. For Associate Degree Nursing (ADN) nursing majors, the computer literacy requirement is met by completion of courses for the major.

ARCH 200	Introduction to Computer Aided Design
ART 159	Graphic Design—Layout
CAD 220	Introduction to CAD/CAM Systems

CHEM 180	Computational Methods in Chemistry	ES/T 204	Theory and Technical Analysis of Offensive Football
CL 120	Computer Literacy	ES/T 205	Theory and Technical Analysis of Defensive Football
CIS 101	Introduction to Computers and Information Processing	ES/T 206AB	Theory and Technical Analysis of Offensive Basketball
ENGR 120C	Engineering Problem Analysis—C/C++ Language	ES/T 207AB	Theory and Technical Analysis of Defensive Basketball
GEOG 145	Introduction to Mapping and Geographic Information Science	ES/T 250	Prevention and Care of Athletic Injuries
GEOG 150	Geographic Information Science and Spatial Reasoning		
JOUR 200	Campus Newspaper Production I		
JOUR 201	Campus Newspaper Production II		
JOUR 202	Campus Newspaper Production III		
LA 200	Introduction to Computer Aided Landscape Design		
MATH 130	Introduction to Computer Programming		
MUS/RA&T 100	Music Technology		
MUS 155/ RA&T 105	Electronic Music Technology		

EXERCISE SCIENCE REQUIREMENTS

Students must satisfactorily complete (grade of "C" or better or "Pass") two classes of exercise science or dance, or one of each. A student is exempt from this requirement under any of the following circumstances:

- The student presents a physician's statement detailing a physical disability that would prevent them from participating in an adaptive exercise science activity class.
- The student provides verification of graduation from a two-year or four-year college or university.
- The student provides a military form (DD-214 or DD-295) showing at least one year of active duty. The College will grant two units of credit for exercise science.
- The student has taken the majority of classes as an evening student at Southwestern College.
- For ADN students, the Exercise Science requirement is met by completion of the courses for the major.

The following courses DO NOT fulfill the exercise science requirement for graduation:

DANC 200	Dance History and Appreciation
ES/T 200	Physical Education for Elementary School
ES/T 202	Introduction to Kinesiology

ES/T 204	Theory and Technical Analysis of Offensive Football
ES/T 205	Theory and Technical Analysis of Defensive Football
ES/T 206AB	Theory and Technical Analysis of Offensive Basketball
ES/T 207AB	Theory and Technical Analysis of Defensive Basketball
ES/T 250	Prevention and Care of Athletic Injuries

HEALTH EDUCATION REQUIREMENT

Students must satisfactorily complete (grade of "C" or better or "Pass") HLTH 101, 116, or 204 or have a satisfactory score on the health inventory test. Military DD-214 and DD-295 forms will satisfy this requirement under certain conditions. (See SWC Policy 6039 for details.) For nursing (ADN and VN) and dental hygiene (DH) majors, the health education requirement is met by completion of courses for the major.

Note: Students are not eligible to take the health inventory test after receiving an unsatisfactory grade in HLTH 101.

PROFICIENCY REQUIREMENTS

MATHEMATICS PROFICIENCY REQUIREMENT

Students are encouraged to satisfy the mathematics proficiency through coursework and to pursue mathematics education beyond minimum proficiency. Transfer students should be aware that the CSU and UC entry-level mathematics examination requires proficiency above the level of Intermediate Algebra (MATH 60 or 70). In addition, most careers require a level of mathematics beyond the minimum proficiency levels.

Mathematics proficiency can be satisfied in any one of the following ways:

- Satisfactory completion (grade of "C" or better or "Pass") of MATH 60 (Intermediate Algebra I) or a higher-numbered mathematics course;
- Mathematics assessment results that indicate eligibility for MATH 70 (Intermediate Algebra II) or a higher-numbered mathematics course.

The Southwestern College Mathematics Assessment may be taken throughout the year. It is advised that students take the assessment as soon as possible before or following enrollment. Educational review can be arranged for students who are

deficient in mathematics skills. However, it is the responsibility of each student to arrange to take the assessment, review his/her assessment results, and meet with a counselor regarding his/her results. Review materials are available upon request.

READING PROFICIENCY REQUIREMENT

The Southwestern College reading proficiency requirement is met by satisfactory performance on the Southwestern College Reading Assessment. The requirement may also be met by satisfactory completion (grade of "C" or better or "Pass") of RDG 158 or ENGL 115 or ADN 140 or ENGL 115H.

Part of the calculation used in the Southwestern College Assessment process to determine satisfaction of the reading proficiency requirement is high school grade point average. A student, however, may petition to substitute the college grade point average for the high school grade point average. The student must have completed a minimum of 24 degree units at Southwestern College, have completed those units within the past seven years, and be in good standing with the College. The student must submit a student petition to the Assessment Center to be considered for this substitution.

WRITING PROFICIENCY REQUIREMENT

English writing proficiency requires satisfactory completion (grade of "C" or better or "Pass") in the following:

ADN 140	Reading and Composition for Nursing and Allied Health Occupations
OR	
ENGL 115	College Composition: Reading and Writing Analytically
OR	
ENGL 115H	Honors College Composition: Reading and Writing Analytically

Note: Proficiency requirements may also be met by satisfactory scores on specified Advanced Placement (AP), College-Level Examination Program (CLEP), or International Baccalaureate (IB) exams (see page 46).

A student who has received a college degree from an accredited U.S. institution will not be required to meet proficiency requirements for graduation.

ASSOCIATE DEGREE (A.S. OR A.A.) GENERAL EDUCATION REQUIREMENTS 2014–2015

This plan meets the minimum 22-unit general education requirement for an associate degree awarded by Southwestern College. A minimum of 60 total units should include general education courses, degree/program course requirements and elective courses are required to earn an associate degree. Students are strongly advised to see a counselor for assistance in developing an educational plan.

A. LANGUAGE AND ANALYTICAL THINKING

A minimum of 6 units must be distributed as follows: Select one course from A1 and one course from A2 or A3.

A1: WRITTEN COMMUNICATION

- + ADN 140 Reading and Composition for Nursing and Allied Health Occupation
- ^ ENGL 115 College Composition: Reading and Writing Analytically
- + ENGL 115H Honors College Composition: Reading and Writing Analytically

A2: ANALYTICAL THINKING

- CIS 101 Introduction to Computers and Information Processing
- COMM 160 Argumentation and Debate
- ENGL 116 Critical Thinking and Composition
- GEOG 145 Introduction to Mapping and Geographic Information Science
- GEOG 150 Geographic Information Science and Spatial Reasoning
- RDG 158 College Reading
- MATH 60 or 65 Intermediate Algebra (or any higher-numbered math course)
- MATH 130 Introduction to Computer Programming
- PHIL 103 Logic and Critical Thinking
- PSYC/SOC 270 Statistical Methods of Sociology

OR

A3: ORAL COMMUNICATION

- COMM 103 Oral Communication
- COMM 104 Public Speaking
- * COMM 174 Interpersonal Communication

B. NATURAL SCIENCE

A minimum of 3 units must be distributed as follows: select one course. Underlined courses include lecture and laboratory.

NATURAL SCIENCE

- ANTH 101 Biological Anthropology
- ASTR 100 Principles of Astronomy
- ASTR 120 Solar System Astronomy
- ASTR 150 Discovery of the Cosmos
- ASTR 170 The Radical Universe

- ASTR 180 Life in the Universe
- ASTR 205 Modern Astrophysics
- BIOL 100 Principles of Biology
- BIOL 130 Animal Biology: A Behavioral Approach
- BIOL 140 Environmental Biology
- BIOL 145 EcoMundo—Ecology and Environmental Science
- BIOL 160 Marine Biology
- BIOL 180 Human Heredity, Evolution, and Society
- BIOL 185 Biology of Alcohol and Other Drugs
- BIOL 190 Human Anatomy and Physiology
- BIOL 193 Principles of Human Anatomy and Physiology
- BIOL 210 General Zoology
- BIOL 211 Introduction to Cell and Molecular Biology
- BIOL 212 Biology of Plants
- BIOL 260 Human Anatomy
- BIOL 261 Principles of Human Physiology
- BIOL 265 General Microbiology
- CHEM 100 Introduction to General Chemistry
- CHEM 110 Elementary Organic and Biological Chemistry
- CHEM 160 Introductory Biochemistry
- CHEM 170 Preparation for General Chemistry
- CHEM 200 General Chemistry I
- CHEM 210 General Chemistry II
- CHEM 240 Organic Chemistry
- CHEM 244 Organic Analysis and Spectroscopy
- CHEM 250 Analytical Chemistry
- EHMT 100 Introduction to Environmental Technology
- GEOG 100 Introduction to Geography—Physical Elements
- GEOG/GEOL/PHS 110 Introduction to Oceanography
- GEOG 130 Weather and Climate
- GEOG 160 Geography of California
- GEOL 100 Principles of Geology
- GEOL/GEOG/PHS 110 Introduction to Oceanography
- GEOL 104 Introduction to Earth Science
- LNT 100 Plant and Horticultural Science
- PHS 101 Introduction to the Physical Sciences
- PHS/GEOG/GEOL 110 Introduction to Oceanography
- PHS/PS 250 Our Global Future: Values for Survival
- PHYS 170 College Physics I
- PHYS 171 College Physics Laboratory I
- PHYS 172 College Physics II
- PHYS 173 College Physics Laboratory II
- PHYS 174 College Physics III

PHYS 175	College Physics Laboratory III
PHYS 270	Principles of Physics I
PHYS 271	Principles of Physics Laboratory I
PHYS 272	Principles of Physics II
PHYS 273	Principles of Physics Laboratory II
PHYS 274	Principles of Physics III
PHYS 275	Principles of Physics Laboratory III

C. HUMANITIES

A minimum of 6 units must be distributed as follows: Select one course from C1 and one course from C2.

C1: FINE ARTS

ARCH 208	World Architecture I
ARCH 210	World Architecture II
ART 100	Drawing I
ART 101	Design I
ART 104	Introduction to Art
ART 105	Life Drawing I
ART 107	Painting I
ART 110	Sculpture I
ART 112	Arts of Africa, Oceania, and Native America
ART 113	Art and Culture of Pre-Hispanic México
ART 116	Printmaking I
ART 121	Darkroom and Digital Photography I
ART 129	Asian Art
ART130/TELE 113	History of Film as Art
ART/TELE 131	Introduction to Video and Film Production
ART/TELE 132	Intermediate Video and Film Production
ART 149	Women in Western Art History, 1550–Present
ART 150	Art History Survey—Stone Age to the Ages of Faith
ART 151	Art History—Renaissance to Modern
ART 156	History of Photography
ART 157	Nineteenth Through Twenty-First Century Art
ART 160	Graphic Design—Typography
ART 161	Graphic Design—Draw
ART 170	Beginning Ceramics
ART 182	Design in Wood I
ART 185A	Jewelry and Metalwork I
ART 185B	Jewelry and Metalwork II
COMM 111	Oral Interpretation
COMM 142	Oral History
COMM/TELE 180	Introduction to Electronic Media
COMM 185/TELE 114	Cinema as a Form of Expression
DANC 200	Dance History and Appreciation
HUM 123	Women and Gender in World Art
MUS 105	Introduction to Music
MUS 106	Introduction to Jazz
MUS 107	American Popular Music
MUS 155/RA&T 105	Electronic Music Technology
MUS 195	World Music
MUS 202	Development of Mariachi: Style and Culture
RA&T 105/MUS 155	Electronic Music Technology
TA 100	Survey of Drama
TA 101	Introduction to Theatre
TA 110	Elementary Acting I
TA 120	Theatre Workshop—Performance
TA/TELE 115	Acting for Television and Film

TA/TELE 150	Technical Design and Production
TA/TELE 152	Lighting Techniques
TA/TELE 242	Television and Film Directing
TELE 110	Writing for Film and Electronic Media
TELE 113/ART 130	History of Film as Art
TELE 114/COMM 185	Cinema as a Form of Expression and Communication
TELE/TA 115	Acting for Television and Film
TELE/ART 131	Introduction to Video and Film Production
TELE/ART 132	Intermediate Video and Film Production
TELE/TA 150	Technical Design and Production
TELE/TA 152	Lighting and Sound Techniques
TELE 163	Video Post-production and Special Effects
TELE/COMM 180	Introduction to Electronic Media
TELE 183	Video Studio Production
TELE 233	Film Production
TELE 234	Documentary Video Production
TELE/TA 242	Television and Film Directing

C2: CULTURAL STUDIES

ASL 120	American Sign Language I
ASL 130	American Sign Language II
+ ASL 220	American Sign Language III
CHIN 101	Mandarin Chinese I
CHIN 102	Mandarin Chinese II
^ ENGL 120	Creative Writing I
^ ENGL 130	Advanced Creative Writing: Fiction I
^ ENGL 140	Advanced Creative Writing: Poetry I
ENGL 175A	Advanced Creative Writing: Creative Nonfiction I
ENGL 220	Introduction to Literature
ENGL 225	Introduction to Children's Literature
ENGL 230	World Literature I
ENGL 231	World Literature II
ENGL 240	English Literature I
ENGL 241	English Literature II
ENGL 250	American Literature I
ENGL 251	American Literature II
ENGL 255	Twentieth Century Literature
ENGL 256	Introduction to Shakespeare
ENGL 260	Mythology in Literature
ENGL 265	Literature and Film
ENGL 270	Multicultural Literature
ENGL 271	Latin American Literature
ENGL 272	Chicano Literature
ENGL 273	African American Literature
ENGL 274	Literature of the Border and Baja California
ENGL 280	Literature by Women
ENGL 281	Horror, Madness, and the Macabre
FIL 101	Elementary Filipino I
FIL 102	Elementary Filipino II
FIL 201	Intermediate Filipino I
FREN 101	Elementary French I
FREN 102	Elementary French II
FREN 201	Intermediate French I
FREN 202	Intermediate French II
* HIST 104	Western Civilization I
* HIST 105	Western Civilization II
* HIST 106	World History I
* HIST 107	World History II
HUM 101	Humanities Through the Arts I

HUM 102	Humanities Through the Arts II
HUM 104	Introduction to Humanities: Arts and Ideas
HUM/TELE 112	Culture and the Media
HUM 121	Women and Gender in World Culture
HUM 140	World Mythology
ITAL 101	Elementary Italian I
ITAL 102	Elementary Italian II
ITAL 201	Intermediate Italian I
ITAL 202	Intermediate Italian II
JPN 101	Beginning Japanese I
JPN 101A	Introductory Elementary Japanese
JPN 101B	Continuation of Elementary Japanese
JPN 102	Beginning Japanese II
JPN 201	Intermediate Japanese I
JPN 202	Intermediate Japanese II
MAS/SOC 150	Mexican and Latino Culture in the United States
PHIL 101	Introduction to Philosophy
PHIL 106	World Religions
PHIL 107	Asian Philosophy
PHIL 120	Ethics: Theory and Practice
PORT 101	Elementary Portuguese I
PORT 102	Elementary Portuguese II
SOC/MAS 150	Mexican and Latino Culture in the United States
SPAN 101	Elementary Spanish I
SPAN 101A	Introduction to Elementary Spanish
SPAN 101B	Continuation of Elementary Spanish
SPAN 102	Elementary Spanish II
SPAN 201	Intermediate Spanish I
SPAN 202	Intermediate Spanish II
SPAN 215	Spanish for Bilinguals I
SPAN 216	Spanish for Bilinguals II
SPAN 221	Introduction to Literature for Bilinguals
SPAN 225	Intermediate Conversation and Writing on Spanish Culture
SPAN 226	Intermediate Conversation and Writing on Latin-American Culture
TELE/HUM 112	Culture and the Media

D. SOCIAL, POLITICAL, AND ECONOMIC INSTITUTIONS AND BEHAVIOR, AND HISTORICAL BACKGROUND

A minimum of 6 units must be distributed as follows: Select two courses from two different groups.

D1: ANTHROPOLOGY AND ARCHAEOLOGY

ANTH 102	Cultural Anthropology
ANTH 103	Archaeology and Prehistory
ANTH 110	Indians of North America
ANTH 112	Culture of México

D2: ECONOMICS

BUS 121	Financial Planning and Money Management
ECON 100	Contemporary Economic Problems
ECON 101	Principles of Economics I
ECON 102	Principles of Economics II

D3: ETHNIC STUDIES

* AFRO/HIST 110	African-American History I
* AFRO/HIST 111	African-American History II
AFRO/SOC 151	Introduction to African-American Culture
* ASIA/HIST 112	Asian-American History I
* ASIA/HIST 113	Asian-American History II
* ASIA/HIST 114	Filipino-American History
ASIA/SOC 115	Filipino-American Culture
* MAS/HIST 141	Mexican-American History I
* MAS/HIST 142	Mexican-American History II
MAS/SOC 150	Mexican and Mexican-American Cultures in the United States

D4: GENDER STUDIES

* HIST 132	Women in World History
HUM 120	Introduction to Gender and Women's Studies
HUM 122	Women and Gender in Social Movements
* SOC 105	Masculinity

D5: GEOGRAPHY

BIOL 143	Biology, Oceanography, and Geoscience of Baja California
GEOG 106	World Regional Geography
GEOG 120	Introduction to Geography: Cultural Elements

D6: HISTORY

HIST 100	American Civilization I
HIST 101	American Civilization II
* HIST 104	Western Civilization I
* HIST 105	Western Civilization II
* HIST 106	World History I
* HIST 107	World History II
HIST 121	Comparative History of the Americas I
HIST 122	Comparative History of the Americas II
* HIST 132	Women in World History
* HIST/AFRO 110	African-American History I
* HIST/AFRO 111	African-American History II
* HIST/ASIA 112	Asian-American History I
* HIST/ASIA 113	Asian-American History II
* HIST/ASIA 114	Filipino-American History
* HIST/MAS 141	Mexican-American History I
* HIST/MAS 142	Mexican-American History II

D7: INTERDISCIPLINARY SOCIAL OR BEHAVIORAL SCIENCE

CD 135	Principles of Family Development
CD 170	Principles of Child Development
CD 284	Child, Family, and Community
* COMM 174	Interpersonal Communication
COMM 176	Intercultural Communication
COMM 200/JOUR 101	Introduction to Mass Communication and Society
GEOG 150	Geographic Information Science and Spatial Reasoning
PS/PHS 250	Our Global Future: Values for Survival

D8: POLITICAL SCIENCE, GOVERNMENT, AND LEGAL INSTITUTIONS

AJ 110	Ethics and Administration of Justice
AJ 111	Introduction to Administration of Justice
PS 101	Introduction to Political Science
PS 102	Introduction to American Government and Politics
PS 103	Introduction to Comparative Government
PS 104	Introduction to International Relations

D9: PSYCHOLOGY

PSYC 101	General Psychology
PSYC 106	Human Sexuality
* PSYC/SOC 116	Introduction to Social Psychology
PSYC 211	Learning
PSYC 230	Developmental Psychology
PSYC 250	Abnormal Psychology
PSYC 255	Introduction to Psychological Research
PSYC 260	Introduction to Physiological Psychology

D10: SOCIOLOGY AND CRIMINOLOGY

AJ 114	Fundamentals of Crime and Criminal Behavior
SOC 101	Introduction to Sociology
* SOC 105	Masculinity
SOC 106	Race and Ethnicity
SOC 107	Sociology of Religion
SOC 110	Contemporary Social Problems
* SOC/PSYC 116	Introduction to Social Psychology
SOC 135	Sociology of the Family

Note: SWC minimum required General Education units for degree

A. Language and Analytical Thinking	6-7
B. Natural Science	3
C. Humanities	6
D. Social, Political and Economic Institutions and Behavior, Historical Background	6

21-22

LEGEND

- / Same as course
- ^ Modified course name and/or number
- + New Courses
- Underlined courses include lecture and laboratory
- * Courses listed in more than one area

PREPARATION FOR TRANSFER

ARTICULATION

Articulation is the process of developing a formal (i.e., written) agreement for course transfer to colleges and universities throughout the state of California. It also can include out-of-state institutions as well. The Articulation Office is housed under the Office of Instructional Support Services at Southwestern College. The Office is responsible for the development and implementation of articulation agreements

for the purpose of ensuring a smooth transfer process for students. Agreements can be accessed in the Counseling and Transfer Centers at the Chula Vista campus and the Higher Educational Centers in National City, Otay Mesa, and San Ysidro.

For the most recent information on course articulation for the University of California and California State Universities, please visit www.assist.org. This website is the official repository for course articulation. Please consult with a counselor regarding any questions or concerns.

TRANSFER OPTIONS

ASSOCIATE DEGREES FOR TRANSFER (ADT)

California Community Colleges are now offering associate degrees for transfer to the CSU. These may include Associate in Arts (AA-T) or Associate in Science (AS-T) degrees. These degrees are designed to provide a clear pathway to a CSU major and baccalaureate degree. California Community College students who are awarded an AA-T or AS-T degree are guaranteed admission with junior standing somewhere in the CSU system and given priority admission consideration to their local CSU campus or to a program that is deemed similar to their community college major. This priority does not guarantee admission to specific majors or campuses.



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for Transfer**
A Degree with a Guarantee.™

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To view the most current list of Southwestern College Associate Degrees for Transfer and to find out which CSU campuses accept each degree, please go to www.sb1440.org. Current and prospective community college students are encouraged to meet with a counselor to review their options for transfer and to develop an educational plan that best meets their goals and needs.

ASSOCIATE IN ARTS DEGREE - TRANSFER

A degree program consisting of a minimum of 18 units in the major typically from the fields of humanities, fine and communication arts, social and behavioral sciences, and related fields. Some programs may mirror the lower-division requirements for a bachelor's degree in the same department. Others may lead to entry-level skills in the chosen field.

ASSOCIATE IN SCIENCE DEGREE—TRANSFER

A degree program consisting of a minimum of 18 units in the major typically from the fields of engineering, physical and biological sciences, and other occupational curricula. Some programs may mirror the lower-division requirements for a bachelor's degree in the same department. Others may lead to entry-level skills in the chosen field.

TRANSFER STUDIES/GENERAL STUDIES MAJORS

Effective with the 2008-09 Catalog, we are not offering an associate degree in General Studies or in Transfer Studies. These programs are not approved by the Chancellor's Office. Any student who is following a previous catalog to attain a degree in either of the two and has maintained continuous enrollment, will be granted their degree if all requirements are met.

CALIFORNIA STATE UNIVERSITIES



CALIFORNIA STATE UNIVERSITY (CSU) GENERAL EDUCATION BREADTH REQUIREMENTS 2014–2015

(TRANSFER INFORMATION)

This plan is a 41-42 unit pattern designed for the student planning to transfer to the California State University system. Southwestern College will certify course work completed at another California community college or any institution that participates in certifying general education course work to the CSU, including a CSU campus other than the one to which the student is transferring, only if the courses are on the approved CSU general education list at the college where they were completed. Such a course will be certified in the general education breadth area that is shown on the official certification list for the institution at which it was taken.

When course work has been taken at a regionally accredited institution that does not maintain a CSU certification list, Southwestern College can certify the course work provided that Southwestern College faculty determine that the course work is equivalent to course work on the approved Southwestern College general education breadth list. Any category of required general education courses not completed at the time of certification will have to be fulfilled according to the requirement of the transfer institution. Students who desire to transfer to one of the 23 California State University (CSU) campuses must complete 48 units of general education breadth courses, of which nine shall be at the upper-division level. Southwestern College can certify only the 39 lower-division units of general education breadth courses.

A. ENGLISH LANGUAGE, COMMUNICATIONS AND CRITICAL THINKING

LANGUAGE AND CRITICAL THINKING

A minimum of 9 units must be distributed as follows: One course from A1, one course from A2, and one course from A3. All courses must be completed with a grade of "C" or better.

A1: ORAL COMMUNICATION

COMM 103	Oral Communication
COMM 104	Public Speaking
COMM 174	Interpersonal Communication

A2: WRITTEN COMMUNICATION

+ ADN 140	Reading and Composition for Nursing and Allied Health Occupation
^ ENGL 115	College Composition: Reading and Writing Analytically
+ ENGL 115H	Honors College Composition: Reading and Writing Analytically

A3: CRITICAL THINKING

COMM 160	Argumentation and Debate
ENGL 116	Critical Thinking and Composition
PHIL 103	Logic and Critical Thinking

B. SCIENTIFIC INQUIRY QUANTITATIVE REASONING

A minimum of 9 units, plus laboratory, must be distributed as follows: One course from B1, one course from B2, one course from B3 (if a lab is not completed in either B1 or B2, then complete a lab course from B3); and one course from B4. Underlined courses include lecture and laboratory.

B1: PHYSICAL SCIENCES

ASTR 100	Principles of Astronomy
ASTR 120	Solar System Astronomy
ASTR 150	Discovery of the Cosmos
ASTR 170	The Radical Universe
ASTR 180	Life in the Universe
ASTR 205	Modern Astrophysics
* <u>CHEM 100</u>	Introduction to General Chemistry
* <u>CHEM 110</u>	Elementary Organic and Biological Chemistry
* <u>CHEM 170</u>	Preparation for General Chemistry
* <u>CHEM 200</u>	General Chemistry I
* <u>CHEM 210</u>	General Chemistry II
* <u>CHEM 240</u>	Organic Chemistry I
* <u>CHEM 242</u>	Organic Chemistry II
* <u>CHEM 250</u>	Analytical Chemistry
GEOG 100	Introduction to Geography—Physical Elements
GEOG/GEOL/PHS 110	Introduction to Oceanography
GEOG 130	Weather and Climate
GEOG 160	Geography of California
GEOL 100	Principles of Geology
GEOL 104	Introduction to Earth Science
GEOL/GEOG/PHS 110	Introduction to Oceanography
PHS 101	Introduction to the Physical Sciences
PHS/GEOG/GEOL 110	Introduction to Oceanography
* PHS/PS 250	Our Global Future—Values for Survival
PHYS 170	College Physics I
PHYS 172	College Physics II
PHYS 174	College Physics III
PHYS 270	Principles of Physics I
PHYS 272	Principles of Physics II
PHYS 274	Principles of Physics III

B2: LIFE SCIENCES

ANTH 101	Biological Anthropology
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BIOL 100	Principles of Biology
BIOL 130	Animal Biology—A Behavioral Approach
BIOL 140	Environmental Biology
BIOL 145	EcoMundo—Ecology and Environmental Science
BIOL 160	Marine Biology
BIOL 180	Human Heredity, Evolution, and Society
BIOL 185	Biology of Alcohol and Other Drugs
* BIOL 190	Human Anatomy and Physiology
* BIOL 193	Principles of Human Anatomy and Physiology
* BIOL 210	General Zoology
* BIOL 211	Introduction to Cell and Molecular Biology
* BIOL 212	Biology of Plants
* BIOL 260	Human Anatomy
* BIOL 261	Principles of Human Physiology
* BIOL 265	General Microbiology

B3: LABORATORY ACTIVITY

ASTR 109	Astronomy Laboratory
BIOL 101	Principles of Biology Laboratory
BIOL 131	Animal Biology Laboratory
** BIOL 146	Ecomundo: Field Studies and Laboratory Investigations in Ecology and Environmental Science
BIOL 161	Marine Biology Laboratory
* BIOL 190	Human Anatomy and Physiology
* BIOL 193	Principles of Human Anatomy and Physiology
* BIOL 210	General Zoology
* BIOL 211	Introduction to Cell and Molecular Biology
* BIOL 212	Biology of Plants
* BIOL 260	Human Anatomy
* BIOL 261	Principles of Human Physiology
* BIOL 265	General Microbiology
* CHEM 100	Introduction to General Chemistry
* CHEM 110	Elementary Organic and Biological Chemistry
* CHEM 170	Preparation for General Chemistry
* CHEM 200	General Chemistry I
* CHEM 210	General Chemistry II
* CHEM 240	Organic Chemistry I
* CHEM 242	Organic Chemistry II
CHEM 244	Organic Analysis and Spectroscopy
* CHEM 250	Analytical Chemistry
GEOG 101	Physical Geography Laboratory
GEOL 101	General Geology Laboratory
PHS 111	Oceanography Laboratory
PHYS 171	College Physics Laboratory I
PHYS 173	College Physics Laboratory II
PHYS 175	College Physics Laboratory III
PHYS 271	Principles of Physics Laboratory I
PHYS 273	Principles of Physics Laboratory II
PHYS 275	Principles of Physics Laboratory III

B4: MATHEMATICS/QUANTITATIVE REASONING (MUST PASS WITH A GRADE OF "C" OR BETTER)

MATH 100	Mathematics for General Education
MATH 101	College Algebra
MATH 104	Trigonometry

MATH 110	Mathematics for Elementary School Teachers I
MATH 111	Mathematics for Elementary School Teachers II
MATH 118	Finite Mathematics
MATH 119	Elementary Statistics
MATH 120	Calculus for Business Analysis
MATH 121	Applied Calculus I
MATH 122	Applied Calculus II
MATH 244	Pre-Calculus with Trigonometry
MATH 250	Analytic Geometry and Calculus I
MATH 251	Analytic Geometry and Calculus II
MATH 252	Analytic Geometry and Calculus III
MATH 253	Introduction to Differential Equations
MATH 254	Introduction to Linear Algebra
MATH 260	Discrete Mathematics
PSYC/SOC 270	Statistical Methods of Psychology/Sociology

C. ARTS AND HUMANITIES

A minimum of 9 units must be distributed as follows: One course from C1, one course from C2, and one more course from either C1 or C2.

C1: ARTS (ART, CINEMA, DANCE, MUSIC, THEATER)

ARCH 208	World Architecture I
ARCH 210	World Architecture II
ART 100	Drawing I
ART 104	Introduction to Art
ART 105	Life Drawing I
ART 107	Painting I
ART 110	Sculpture I
ART 112	Arts of Africa, Oceania, and Native America
ART 113	Art and Culture of Pre-Hispanic México
ART 121	Darkroom and Digital Photography I
ART 129	Asian Art
ART 130/TELE 113	History of Film as Art
ART 149	Women in Western Art History, 1550–Present
ART 150	Art History Survey—Stone Age to the Ages of Faith
ART 151	Art History—Renaissance to Modern
ART 156	History of Photography
ART 157	Nineteenth Through Twenty-First Century Art
ART 170	Beginning Ceramics
ART 182	Design in Wood I
ART 185A	Jewelry and Metal Work I
ART 185B	Jewelry and Metal Work II
COMM 111	Oral Interpretation
COMM 185/TELE 114	Cinema as a Form of Expression and Communication
DANC 200	Dance History and Appreciation
HUM 123	Women and Gender in World Art
MUS 105	Introduction to Music
MUS 106	Introduction to Jazz
MUS 107	American Popular Music
MUS 155/RA&T 105	Electronic Music Technology
MUS 195	World Music
MUS 202	Development of Mariachi: Style and Culture

RA&T 105/MUS 155	Electronic Music Technology
TA 100	Survey of Drama
TA 101	Introduction to the Theatre
TA 110	Elementary Acting I
TA/TELE 115	Acting for TV and Film
TELE 113/ART 130	History of Film as Art
TELE 114/COMM 185	Cinema as a Form of Expression and Communication
TELE/TA 115	Acting for Television and Film

C2: HUMANITIES (LITERATURE, PHILOSOPHY, LANGUAGE OTHER THAN ENGLISH)

ASL 120	American Sign Language I
ASL 130	American Sign Language II
+ ASL 220	American Sign Language III
CHIN 101	Mandarin Chinese I
CHIN 102	Mandarin Chinese II
ENGL 175A	Advanced Creative Writing: Creative Nonfiction I
ENGL 220	Introduction to Literature
ENGL 225	Introduction to Children's Literature
ENGL 230	World Literature I
ENGL 231	World Literature II
ENGL 240	English Literature I
ENGL 241	English Literature II
ENGL 250	American Literature I
ENGL 251	American Literature II
ENGL 255	Twentieth Century Literature
ENGL 256	Introduction to Shakespeare
ENGL 260	Mythology in Literature
ENGL 265	Literature and Film
ENGL 270	Multicultural Literature
ENGL 271	Latin American Literature
ENGL 272	Chicano Literature
ENGL 273	African-American Literature
ENGL 274	Literature of the Border and Baja California
ENGL 280	Literature by Women
ENGL 281	Horror, Madness, and the Macabre
FIL 101	Elementary Filipino I
FIL 102	Elementary Filipino II
FIL 201	Intermediate Filipino I
FREN 101	Elementary French I
FREN 102	Elementary French II
FREN 201	Intermediate French I
FREN 202	Intermediate French II
* HIST 104	Western Civilization I
* HIST 105	Western Civilization II
* HIST 106	World History I
* HIST 107	World History II
HUM 101	Humanities Through the Arts I
HUM 102	Humanities Through the Arts II
HUM 104	Introduction to Humanities: Arts and Ideas
HUM/TELE 112	Culture and the Media
HUM 121	Women and Gender in World Culture
HUM 140	World Mythology
ITAL 101	Elementary Italian I
ITAL 102	Elementary Italian II
ITAL 201	Intermediate Italian I
ITAL 202	Intermediate Italian II
JPN 101	Beginning Japanese I

JPN 101A	Introductory Elementary Japanese
JPN 101B	Continuation of Elementary Japanese
JPN 102	Beginning Japanese II
JPN 201	Intermediate Japanese I
JPN 202	Intermediate Japanese II
PHIL 101	Introduction to Philosophy
PHIL 106	World Religions
PHIL 107	Asian Philosophy
PHIL 120	Ethics: Theory and Practice
PORT 101	Elementary Portuguese I
PORT 102	Elementary Portuguese II
SPAN 101	Elementary Spanish I
SPAN 101A	Introduction to Elementary Spanish
SPAN 101B	Continuation of Elementary Spanish
SPAN 102	Elementary Spanish II
SPAN 201	Intermediate Spanish I
SPAN 202	Intermediate Spanish II
SPAN 215	Spanish for Bilinguals I
SPAN 216	Spanish for Bilinguals II
SPAN 221	Introduction to Literature for Bilinguals
SPAN 225	Intermediate Conversation and Writing on Spanish Culture
SPAN 226	Intermediate Conversation and Writing on Latin-American Culture
TELE/HUM 112	Culture and the Media

D. SOCIAL SCIENCES

A minimum of 9 units must be distributed as follows: Two courses from two different groups and one additional course.

D1: ANTHROPOLOGY AND ARCHAEOLOGY

ANTH 102	Cultural Anthropology
ANTH 103	Archaeology and Prehistory
ANTH 110	Indians of North America
ANTH 112	Cultures of México

D2: ECONOMICS

ECON 100	Contemporary Economic Problems
ECON 101	Principles of Economics I
ECON 102	Principles of Economics II

D3: ETHNIC STUDIES

* AFRO/HIST 110	African-American History I
* AFRO/HIST 111	African-American History II
AFRO/SOC 151	Introduction to African-American Culture
* ASIA/HIST 112	Asian-American History I
* ASIA/HIST 113	Asian-American History II
* ASIA/HIST 114	Filipino-American History
* ASIA/SOC 115	Filipino-American Culture
* MAS/HIST 141	Mexican-American History I
* MAS/HIST 142	Mexican-American History II
MAS/SOC 150	Mexican and Mexican-American Cultures in the United States

D4: GENDER STUDIES

* HIST 132	Women in World History
HUM 120	Introduction to Gender and Women's Studies
HUM 122	Women and Gender in Social Movements
* SOC 105	Masculinity

D5: GEOGRAPHY

BIOL 143	Biology, Oceanography, and Geoscience of Baja California
GEOG 106	World Regional Geography
GEOG 120	Introduction to Geography: Cultural Elements

D6: HISTORY

* HIST 100	American Civilization I
* HIST 101	American Civilization II
* HIST 104	Western Civilization I
* HIST 105	Western Civilization II
* HIST 106	World History I
* HIST 107	World History II
* HIST 121	Comparative History of the Americas I
* HIST 122	Comparative History of the Americas II
* HIST 132	Women in World History
* HIST/AFRO 110	African-American History I
* HIST/AFRO 111	African-American History II
* HIST/ASIA 112	Asian-American History I
* HIST/ASIA 113	Asian-American History II
* HIST/ASIA 114	Filipino-American History
* HIST/MAS 141	Mexican-American History I
* HIST/MAS 142	Mexican-American History II

D7: INTERDISCIPLINARY SOCIAL OR BEHAVIORAL SCIENCE

CD 135	Principles of Family Development
* CD 170	Principles of Child Development
CD 284	Child Family/ Community
COMM 174	Interpersonal Communication
COMM 176	Intercultural Communication
COMM 200/JOUR 101	Introduction to Mass Communication and Society
* PS/PHS 250	Our Global Future: Values for Survival

D8: POLITICAL SCIENCE, GOVERNMENT AND LEGAL INSTITUTIONS

AJ 110	Ethics and the Administration of Justice
AJ 111	Introduction to Administration of Justice
* PS 101	Introduction to Political Science
* PS 102	Introduction to American Government and Politics
PS 103	Introduction to Comparative Government
PS 104	Introduction to International Relations

D9: PSYCHOLOGY

* PSYC 101	General Psychology
PSYC 106	Human Sexuality
* PSYC/SOC 116	Introduction to Social Psychology
PSYC 211	Learning
PSYC 230	Developmental Psychology
PSYC 250	Abnormal Psychology
PSYC 255	Introduction to Psychological Research
PSYC 260	Introduction to Physiological Psychology

D10: SOCIOLOGY AND CRIMINOLOGY

AJ 114	Fundamentals of Crime and Criminal Behavior
SOC 101	Introduction to Sociology

* SOC 105	Masculinity
SOC 106	Race and Ethnicity
SOC 107	Sociology of Religion
SOC 110	Contemporary Social Problems
* SOC/ASIA 115	Filipino-American Culture
* SOC/PSYC 116/SOC 135	Introduction to Social Psychology
	Sociology of the Family

E. LIFELONG LEARNING AND SELF DEVELOPMENT

Complete a minimum of 3 units. Not all in physical activity.

* CD 170	Principles of Child Development
# DANC 121	Dance Choreography I
# DANC 122	Dance Choreography II
# DANC 123	Dance Choreography III
# DANC 124	Dance Choreography IV
ES/T 202	Introduction to Kinesiology
HLTH 101	Principles of Healthful Living
HLTH 116	Women's Health and Well Being
HLTH 204	Fundamentals of Nutrition
PD 100	Lifelong Success
PD 114	Transitions in Higher Education
* PSYC 106	Human Sexuality
PSYC 109	The Psychology of Death and Dying

CSU GRADUATION REQUIREMENT IN AMERICAN INSTITUTIONS (U.S. HISTORY, CONSTITUTION, AND AMERICAN IDEALS)

Courses in American Institutions (U.S. History, Constitution, and American Ideals) are required for graduation by the CSU. Although the American Institutions requirement is not a part of the CSU GE Breadth, students are encouraged to complete the requirement prior to transfer. This requirement can be satisfied by completing any combination of two classes that, when combined, fulfill US-1, US-2 and US-3. The courses used to satisfy this requirement, may also be used to fulfill CSU General Education Breadth Area D requirements.

US-1:

* AFRO/HIST 110	African-American History I
* HIST 100	American Civilization I
* HIST 101	American Civilization II
* HIST/MAS 141	Mexican-American History I
* HIST/ MAS 142	Mexican-American History II

US-2:

* AFRO/HIST 110	African-American History I
* AFRO/HIST 111	African-American History II
* ASIA/HIST 113	Asian-American History II
* HIST 100	American Civilization I
* HIST 121	Comparative History of the Americas I
* HIST 122	Comparative History of the Americas II
* HIST/ MAS 141	Mexican-American History I
+* PS 101	Introduction to Political Science
* PS 102	Introduction to American Government and Politics

US-3:

- * AFRO/HIST 111 African-American History II
- * HIST 101 American Civilization II
- * HIST 122 Comparative History of the Americas II
- * HIST/MAS 142 Mexican-American History II
- * PS 102 Introduction to American Government

Note: A minimum of 60 transferable units are required for transfer.

A. Communication in the English Language and Critical Thinking	9–11
B. Physical Universe and Its Life Forms; Mathematics/Quantitative Reasoning	10
C. Arts, Literature, Philosophy, and Foreign Language	9
D. Social, Political, and Economic Institutions and Behavior, Historical Background	9
E. Lifelong Understanding and Self Development	3

40–42

LEGEND

- / Same as course
- + New Courses
- ^ Modified course name and/or number
- * Courses listed in more than one area
- # Less than three units
- ** Acceptance only with prior or concurrent enrollment in BIOL 145
- Underlined courses include lecture and laboratory



UNIVERSITIES OF CALIFORNIA



INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) 2014–2015

UNIVERSITY OF CALIFORNIA (UC) AND CALIFORNIA STATE UNIVERSITY (CSU) REQUIREMENTS

This plan is a 38–41 unit, general education pattern which meets all lower-division general education requirements at most California State University (CSU) or University of California (UC) campuses. It should be noted that completion of the IGETC is not a requirement for admission to a CSU or UC, nor will its completion guarantee admission to a CSU or UC campus.

The IGETC plan is not the only way to fulfill lower-division general education requirements. Depending on a student's major or field of interest, the student may find it advantageous to fulfill the CSU's general education requirements or those of the UC campus or college to which the student plans to transfer. Some colleges within the UC system will not accept IGETC, depending on the major. Students wishing to use a course to meet General Education Breadth or IGETC requirements must be sure that the course is approved for the academic year in which it was taken. It is strongly recommended that the student consult with a counselor to determine which general education pattern is the most appropriate for him/her.

The course requirements for all areas must be completed before the IGETC can be certified. Each course must be completed with a grade of "C" or better.

An acceptable score on an English Advanced Placement (AP) exam may be used to meet the English composition requirement but may not be used to meet the Critical Thinking English composition requirement.

AREA 1: ENGLISH COMMUNICATION

CSU—3 courses required, one each from 1A, 1B and 1C.

UC—2 courses required, one from 1A and 1B.

1A: ENGLISH COMPOSITION

^ ENGL 115 College Composition: Reading and Writing Analytically

1B: CRITICAL THINKING—ENGLISH COMPOSITION

ENGL 116 Critical Thinking and Composition

1C: ORAL COMMUNICATION (CSU ONLY)

COMM 103 Oral Communication
COMM 104 Public Speaking

Note: If English 116 or Philosophy 103 were completed prior to fall 1993, both courses are required for IGETC certification. Beginning fall 1993, only one course is required.

AREA 2: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING

A minimum of 3 units must be distributed as follows: One course.

MATH 101 College Algebra
** MATH 118 Finite Mathematics
** MATH 119 Elementary Statistics
** MATH 120 Calculus for Business Analysis
** MATH 121 Applied Calculus I
** MATH 122 Applied Calculus II

MATH 244 Pre-Calculus with Trigonometry
** MATH 250 Analytic Geometry and Calculus I
** MATH 251 Analytic Geometry and Calculus II
** MATH 252 Analytic Geometry and Calculus III
MATH 253 Introduction to Differential Equations
MATH 254 Introduction to Linear Algebra
MATH 260 Discrete Mathematics
PSYC/SOC 270 Statistical Methods of Psychology

Note: Mathematics 118, 119, 120, 121, 122, 250, 251 and 252 may have transfer unit credits limited by either UC or CSU or both. Consult with a counselor for additional information. Please refer to the UC Transferable Course Agreement.

AREA 3: ARTS AND HUMANITIES

A minimum of 9 units must be distributed as follows: One course from 3A, one course from 3B and one more course from 3A and 3B.

3A: ARTS

ART 104 Introduction to Art
ART 112 Arts of Africa, Oceania, and Native America
ART 113 Art and Culture of Pre-Hispanic México
ART 129 Asian Art
ART 130/TELE 113 History of Film as Art
ART 149 Women in Western Art History, 1550–Present
ART 150 Art History Survey—Stone Age to the Ages of Faith
ART 151 Art History—Renaissance to Modern
ART 156 History of Photography
ART 157 Nineteenth Through Twenty-First Century Art
+ HUM 123 Women and Gender in World Art

MUS 105	Introduction to Music
MUS 106	Introduction to Jazz
MUS 107	American Popular Music
MUS 195	World Music
MUS 202	Development of Mariachi: Style and Culture
TA 100	Survey of Drama
TA 101	Introduction to the Theatre
TELE 113/ART 130	History of Film as Art

3B: HUMANITIES

* CHIN 102	Mandarin Chinese II
ENGL 220	Introduction to Literature
ENGL 225	Introduction to Children's Literature
ENGL 230	World Literature I
ENGL 231	World Literature II
ENGL 240	English Literature I
ENGL 241	English Literature II
ENGL 250	American Literature I
ENGL 251	American Literature II
ENGL 255	Twentieth Century Literature
ENGL 256	Introduction to Shakespeare
ENGL 260	Mythology in Literature
ENGL 265	Literature and Film
ENGL 270	Multicultural Literature
ENGL 271	Latin American Literature
ENGL 272	Chicano Literature
ENGL 273	African-American Literature
ENGL 274	Literature of the Border and Baja California
ENGL 280	Literature by Women
ENGL 281	Horror, Madness and the Macabre
* FIL 102	Elementary Filipino II
* FIL 201	Intermediate Filipino I
* FREN 201	Intermediate French I
* FREN 202	Intermediate French II
* HIST 104	Western Civilization I
* HIST 105	Western Civilization II
* HIST 106	World History I
* HIST 107	World History II
HUM 101	Humanities: Through the Arts I
HUM 102	Humanities: Through the Arts II
HUM 104	Introduction to Humanities: Arts and Ideas
+ HUM 121	Women and Gender in World Culture
HUM 140	World Mythology
** HUM/TELE 112	Culture and the Media
* ITAL 201	Intermediate Italian I
* ITAL 202	Intermediate Italian II
* JPN 201	Intermediate Japanese I
* JPN 202	Intermediate Japanese II
PHIL 101	Introduction to Philosophy
PHIL 106	World Religions
PHIL 107	Asian Philosophy
PHIL 120	Ethics: Theory and Practice
* PORT 102	Elementary Portuguese II
* SPAN 102	Elementary Spanish II
* SPAN 201	Intermediate Spanish I
* SPAN 202	Intermediate Spanish II
* SPAN 216	Spanish for Bilinguals II
* SPAN 221	Introduction to Literature for Bilinguals
* SPAN 225	Intermediate Conversation and Writing on Spanish Culture
SPAN 226	Intermediate Conversation and Writing on Latin-American Culture

AREA 4: SOCIAL AND BEHAVIORAL SCIENCES

A minimum of 9 units must be distributed as follows: three courses from at least two groups. Courses that appear in more than one group can only be counted once.

4A: ANTHROPOLOGY AND ARCHAEOLOGY

ANTH 102	Cultural Anthropology
ANTH 103	Archaeology and Prehistory
ANTH 110	Indians of North America
ANTH 112	Cultures of México

4B: ECONOMICS

ECON 101	Principles of Economics I
ECON 102	Principles of Economics II

4C: ETHNIC STUDIES

* AFRO/HIST 110	African-American History I
* AFRO/HIST 111	African-American History II
AFRO/SOC 151	Introduction to African-American Culture
* ASIA/HIST 112	Asian-American History I
* ASIA/HIST 113	Asian-American History II
* ASIA/HIST 114	Filipino-American History
* ASIA/SOC 115	Filipino-American Culture
* MAS/HIST 141	Mexican-American History I
* MAS/HIST 142	Mexican-American History II
MAS/SOC 150	Mexican and Mexican-American Cultures in the United States

4D: GENDER STUDIES

* HIST 132	Women in World History
+ HUM 120	Introduction to Gender and Women's Studies
+ HUM 122	Women and Gender in Social Movement
* SOC 105	Masculinity

4E: GEOGRAPHY

BIOL 143	Biology, Oceanography, and Geoscience of Baja California
GEOG 120	Introduction to Geography: Cultural Elements

4F: HISTORY

* HIST 100	American Civilization I
* HIST 101	American Civilization II
* HIST 104	Western Civilization I
* HIST 105	Western Civilization II
* HIST 106	World History I
* HIST 107	World History II
* HIST 121	Comparative History of the Americas I
* HIST 122	Comparative History of the Americas II
* HIST 132	Women in World History
* HIST/AFRO 110	African-American History I
* HIST/AFRO 111	African-American History II
* HIST/ASIA 112	Asian-American History I
* HIST/ASIA 113	Asian-American History II
* HIST/ASIA 114	Filipino-American History
* HIST/MAS 141	Mexican-American History I
* HIST/MAS 142	Mexican-American History II

4G: INTERDISCIPLINARY, SOCIAL AND BEHAVIORAL SCIENCES

CD 170	Principles of Child Development
COMM 176	Intercultural Communication
* PS/PHS 250	Our Global Future: Values for Survival

4H: POLITICAL SCIENCE, GOVERNMENT AND LEGAL INSTITUTIONS

AJ 111	Introduction to Administration of Justice
* PS 101	Introduction to Political Science
* PS 102	Introduction to American Government Politics
PS 103	Introduction to Comparative Government
PS 104	Introduction to International Relations

4I: PSYCHOLOGY

PSYC 101	General Psychology
PSYC 106	Human Sexuality
* PSYC/SOC 116	Introduction to Social Psychology
PSYC 211	Learning
PSYC 230	Developmental Psychology
PSYC 250	Abnormal Psychology
PSYC 260	Introduction to Physiological Psychology

4J: SOCIOLOGY AND CRIMINOLOGY

SOC 101	Introduction to Sociology
* SOC 105	Masculinity
+ SOC 106	Race and Ethnicity
+ SOC 107	Sociology of Religion
SOC 110	Contemporary Social Problems
* SOC/PSYC 116	Introduction to Social Psychology
SOC 135	Sociology of the Family
* SOC/ASIA 115	Filipino-American Culture

AREA 5: PHYSICAL AND BIOLOGICAL SCIENCES

Two courses and a minimum of 7–9 semester units required, one course from 5A and one course from 5B. One must include a laboratory from 5C; the laboratory course must correspond to a lecture course in 5A or 5B (i.e. GEOG 100 and 101 or BIOL 100 and 101.) Underlined courses included lecture and a laboratory.

5A: PHYSICAL SCIENCE

ASTR 100	Principles of Astronomy
ASTR 120	Solar System Astrology
ASTR 150	Discovery of the Cosmos
ASTR 170	The Radical Universe
ASTR 180	Life in the Universe
ASTR 205	Modern Astrophysics
** * <u>CHEM 100</u>	Introduction to General Chemistry
** * <u>CHEM 110</u>	Elementary Organic and Biological Chemistry
** * <u>CHEM 170</u>	Preparation for General Chemistry
* <u>CHEM 200</u>	General Chemistry I
* <u>CHEM 210</u>	General Chemistry II
** * <u>CHEM 240</u>	Organic Chemistry
* <u>CHEM 250</u>	Analytical Chemistry
GEOG 100	Introduction to Geography—Physical Elements
GEOG 130	Weather and Climate

GEOL 100	Principles of Geology
GEOL 104	Introduction to Earth Science
PHS 110	Introduction to Oceanography
* PHS/PS 250	Our Global Future: Values for Survival
PHYS 170	College Physics I
PHYS 172	College Physics II
PHYS 174	College Physics III
** PHYS 270	Principles of Physics I
** PHYS 272	Principles of Physics II
** PHYS 274	Principles of Physics III

5B: BIOLOGICAL SCIENCE

ANTH 101	Biological Anthropology
** BIOL 100	Principles of Biology
BIOL 130	Animal Biology—A Behavioral Approach
BIOL 140	Environmental Biology
BIOL 145	EcoMundo—Ecology and Environmental Science
BIOL 160	Marine Biology
BIOL 180	Human Heredity, Evolution, and Society
BIOL 185	Biology of Alcohol and Other Drugs
* <u>BIOL 190</u>	Human Anatomy and Physiology
* <u>BIOL 210</u>	General Zoology
* <u>BIOL 211</u>	Introduction to Cell and Molecular Biology
* <u>BIOL 212</u>	Biology of Plants
** * <u>BIOL 260</u>	Human Anatomy
** * <u>BIOL 261</u>	Principles of Human Physiology
* <u>BIOL 265</u>	General Microbiology

5C: LABORATORY ACTIVITY

This requirement can be satisfied by completion of any of the following laboratory courses. Underlined courses include lecture and laboratory.

ASTR 109	Astronomy Laboratory
** BIOL 101	Principles of Biology Laboratory
** BIOL 161	Marine Biology Laboratory
** * <u>BIOL 190</u>	Human Anatomy and Physiology
* <u>BIOL 210</u>	General Zoology
** * <u>BIOL 211</u>	Introduction to Cell and Molecular Biology
* <u>BIOL 212</u>	Biology of Plants
** * <u>BIOL 260</u>	Human Anatomy
** * <u>BIOL 261</u>	Principles of Human Physiology
* <u>BIOL 265</u>	General Microbiology
** * <u>CHEM 100</u>	Introduction to General Chemistry
** * <u>CHEM 110</u>	Elementary Organic and Biological Chemistry
** * <u>CHEM 170</u>	Preparation for General Chemistry
* <u>CHEM 200</u>	General Chemistry I
* <u>CHEM 210</u>	General Chemistry II
** * <u>CHEM 240</u>	Organic Chemistry I
* <u>CHEM 250</u>	Analytical Chemistry
** GEOG 101	Physical Geography Laboratory
** GEOL 101	General Geology Laboratory
** PHS 111	Oceanography Laboratory
PHYS 171	College Physics Laboratory I
PHYS 173	College Physics Laboratory II
PHYS 175	College Physics Laboratory III
PHYS 271	Principles of Physics Laboratory I
PHYS 273	Principles of Physics Laboratory II
PHYS 275	Principles of Physics Laboratory III

AREA 6: LANGUAGES OTHER THAN ENGLISH (UC Requirement Only)

1. Proficiency equivalent to two years of high school study in the same language with a grade of "C" or better.
2. Satisfactory completion, with "C" grades or better, of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English. The appropriate documentation such as a letter from the ministry of education must be presented to the evaluation office to substantiate that the required coursework was completed. High school transcripts are not acceptable unless they clearly state that the two years of instruction were done in the student's native language other than English. Students who cannot provide such documentation should either pass one of the examinations or test listed below in 3 through 5, or satisfactorily complete an appropriate language course at Southwestern College, as outlined in 6 below.
 - A score of three or higher on the College Board Advanced Examination in Languages other than English.
3. Satisfactory score, 500 or higher, in the SAT II: Subjects Test in languages other than English. Consult the College Board for exact scores over 500 after May 1995 and requirements before May 1995.
4. Satisfactory score, 3 or higher, in the College Board Advanced Placement Examinations in languages other than English.
5. Satisfactory score, 5 or higher, in the International Baccalaureate Higher Level Examinations in languages other than English.
6. Completion of one of the following courses or sequences of courses with a grade of "C" or better. The following courses (or higher-level course) at Southwestern College fulfill the requirement:

ASL 120	American Sign Language I
ASL 130	American Sign Language II
CHIN 101	Mandarin Chinese I
* CHIN 102	Mandarin Chinese II
FIL 101	Elementary Filipino I
* FIL 102	Elementary Filipino II
* FIL 201	Intermediate Filipino I
FREN 101	Elementary French I
FREN 102	Elementary French II
* FREN 201	Intermediate French I
* FREN 202	Intermediate French II
ITAL 101	Elementary Italian I
ITAL 102	Elementary Italian II
* ITAL 201	Intermediate Italian I
* ITAL 202	Intermediate Italian II
JPN 101	Beginning Japanese I
JPN 101A and JPN 101B	Introductory Elementary Japanese Continuation of Elementary Japanese
JPN 102	Beginning Japanese II
* JPN 201	Intermediate Japanese I
* JPN 202	Intermediate Japanese II
PORT 101	Elementary Portuguese I
* PORT 102	Elementary Portuguese II
SPAN 101	Elementary Spanish I
SPAN 101A and SPAN 101B	Introduction to Elementary Spanish Continuation of Elementary Spanish
* SPAN 102	Elementary Spanish II

* SPAN 201	Intermediate Spanish I
* SPAN 202	Intermediate Spanish II
SPAN 215	Spanish for Bilinguals I
* SPAN 216	Spanish for Bilinguals II
* SPAN 221	Introduction to Literature for Bilinguals

AMERICAN INSTITUTIONS (U.S. HISTORY, CONSTITUTION, AND AMERICAN IDEALS) (CSU Requirement Only)

Courses in American Institutions (United States History, Constitution and American Ideals) are required for graduation by the CSU only. Students who plan to transfer to the CSU are encouraged to complete the requirement prior to transfer. This requirement can be satisfied by completing any combination of two classes that, when combined, fulfill US-1, US-2 and US-3.

Note: Courses used to meet this requirement may not be used to satisfy requirements for IGETC in Area 4, Social and Behavioral Sciences.

US-1:

* AFRO/HIST 110	African-American History I
* HIST 100	American Civilization I
* HIST 101	American Civilization II
* HIST/MAS 141	Mexican-American History I
* HIST/ MAS 142	Mexican-American History II

US-2:

* AFRO/HIST 110	African-American History I
* AFRO/HIST 111	African-American History II
* ASIA/HIST 113	Asian-American History II
* HIST 100	American Civilization I
* HIST 121	Comparative History of the Americas I
* HIST 122	Comparative History of the Americas II
* HIST/ MAS 141	Mexican-American History I
+* PS 101	Introduction to Political Science
* PS 102	Introduction to American Government and Politics

US-3:

* AFRO/HIST 111	African-American History II
* HIST 101	American Civilization II
* HIST 122	Comparative History of the Americas II
* HIST/MAS 142	Mexican-American History II
* PS 102	Introduction to American Government

Note: IGETC minimum required General Education units for transfer

A. English Communication	10–11
B. Mathematical Concepts and Quantitative Reasoning	3
C. Arts and Humanities	9
D. Social and Behavioral Sciences	9
E. Physical and Biological Sciences	7–9

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LEGEND

- / Same as Courses
- + New Courses
- ^ Modified course name and/or number
- * Listed in more than one area but shall not be certified in more than one area
- ** Transfer unit credits may be limited by either the UC or CSU or both
- Underlined courses include lecture and laboratory

(Please consult with a counselor for additional information)



GENERAL EDUCATION COURSES COMMON TO ALL PATTERNS 2014-2015

The following courses appear in all three General Education Patterns, Southwestern College Associate Degree (A.S or A.A), California State University (CSU) Breadth Requirements and Intersegmental General Education Transfer Curriculum (IGETC):

AFRICAN AMERICAN STUDIES

AFRO/HIST 110
AFRO/HIST 111
AFRO/SOC 151

ADMINISTRATION OF JUSTICE

AJ 111

AMERICAN SIGN LANGUAGE

ASL 120
ASL 130

ANTHROPOLOGY

ANTH 101
ANTH 102
ANTH 103
ANTH 110
ANTH 112

ART

ART 104
ART 112
ART 113
ART 130/TELE 113
ART 149
ART 150
ART 151
ART 156
ART 157

ASIAN-AMERICAN STUDIES

ASIA/HIST 112
ASIA/HIST 113
ASIA/HIST 114
ASIA/SOC 115

ASTRONOMY

ASTR 100
ASTR 120
ASTR 150
ASTR 170
ASTR 180
ASTR 205

BIOLOGY

BIOL 100
BIOL 130
BIOL 140
BIOL 143
BIOL 145

BIOL 160
BIOL 180
BIOL 185
BIOL 190
BIOL 210
BIOL 211
BIOL 212
BIOL 260
BIOL 261
BIOL 265

CHEMISTRY

CHEM 100
CHEM 110
CHEM 170
CHEM 200
CHEM 210
CHEM 240
CHEM 250

CHILD DEVELOPMENT

CD 170

CHINESE

CHIN 101
CHIN 102

COMMUNICATION

COMM 103
COMM 104
COMM 176
COMM 200/JOUR 101

ECONOMICS

ECON 101
ECON 102

ENGLISH

ENGL 115
ENGL 116
ENGL 220
ENGL 225
ENGL 230
ENGL 231
ENGL 240
ENGL 241
ENGL 250
ENGL 251
ENGL 255
ENGL 256
ENGL 260
ENGL 265
ENGL 270
ENGL 271

ENGL 272
ENGL 273
ENGL 274
ENGL 280

FILIPINO

FIL 101
FIL 102
FIL 201

FRENCH

FREN 101
FREN 102
FREN 201
FREN 202

GEOGRAPHY

GEOG 100
GEOG 120
GEOG 130

GEOLOGY

GEOL 100
GEOL 104

HISTORY

HIST 100
HIST 101
HIST 104
HIST 105
HIST 106
HIST 107
HIST/AFRO 110
HIST/AFRO 111
HIST/ASIA 112
HIST/ASIA 113
HIST/ASIA 114
HIST 121
HIST 122
HIST 132
HIST/MAS 141
HIST/MAS 142

HUMANITIES

HUM 101
HUM 102
HUM 104
HUM/TELE 112
HUM 120
HUM 121
HUM 122
HUM 123
HUM 140

ITALIAN

ITAL 102
ITAL 201
ITAL 202

JAPANESE

JPN 101
JPN 101A
JPN 101B
JPN 102
JPN 201
JPN 202

MEXICAN-AMERICAN STUDIES

MAS/HIST 141
MAS/HIST 142
MAS/SOC 150

MUSIC

MUS 105
MUS 106
MUS 107
MUS 195
MUS 202

PHILOSOPHY

PHIL 101
PHIL 106
PHIL 107
PHIL 120

PHYSICAL SCIENCE

PHS 110
PHS/PS 250

PHYSICS

PHYS 170
PHYS 171
PHYS 172
PHYS 173
PHYS 174
PHYS 175
PHYS 270
PHYS 271
PHYS 272
PHYS 273
PHYS 274
PHYS 275

PORTUGUESE

PORT 101
PORT 102

POLITICAL SCIENCE

PS 101
PS 102
PS 103
PS 104
PS/PHS 250

PSYCHOLOGY

PSYC 101
PSYC/SOC 116
PSYC 211
PSYC 230
PSYC 250
PSYC 260
PSYC/SOC 270

SOCIOLOGY

SOC 101
SOC 105
SOC 106
SOC 107
SOC 110
SOC/ASIA 115
SOC/PSYC 116
SOC 135
SOC/MAS 150
SOC/AFRO 151
SOC/PSYC 270

SPANISH

SPAN 102
SPAN 201
SPAN 202
SPAN 215
SPAN 216
SPAN 221
SPAN 225
SPAN 226

THEATRE ARTS

TA 100
TA 101

TELEMEDIA

TELE 113/ART 130

Note: Course common to all three patterns effective fall 2014.