

# INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)

## 2023-2024

## University of California (UC) and California State University (CSU) Requirements

This plan is a 34-46 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.

### IGETC for STEM

IGETC for STEM is only approved for the Associate in Science in Biology for Transfer Degree. Students earning the AS-T in Biology with this pattern must complete the following before transfer:

- all required courses in Areas 1 (except 1C for UC-bound students), Area 2, Area 5 and Area 7, and
- one course from Area 3A, and
- one course from Area 3B, and
- one course in Area 4.

Complete the following courses after transfer:

- one remaining lower-division general education course in Area 3,
- one remaining lower-division general education course in Area 4 (in a different academic discipline from the first Area 4 course), and
- one course in Area 6 for UC-bound students who have not satisfied it through proficiency.

STEM students may complete the traditional IGETC. However, IGETC and IGETC for STEM majors may not be appropriate for those universities which prefer that transfer students follow a more prescribed lower-

division curriculum. It is recommended that students consult with a counselor to determine which general education pattern is most appropriate for their individual educational goals.

### IGETC Areas and Units

Code	Title	Units
<b>AREA 1: ENGLISH COMMUNICATION</b>		
CSU: 3 courses required, one each from 1A, 1B and 1C.		
<i>1A: ENGLISH COMPOSITION</i>		
ADN 140	READING AND COMPOSITION FOR NURSING AND ALLIED HEALTH OCCUPATIONS <sup>[FA14]</sup>	
ENGL 115	COLLEGE COMPOSITION: READING AND WRITING ANALYTICALLY	
ENGL 115H	HONORS COLLEGE COMPOSITION: READING AND WRITING ANALYTICALLY <sup>[FA14]</sup>	
ESL 115A	COLLEGE COMPOSITION FOR MULTILINGUAL STUDENTS <sup>[FA21]</sup>	
<i>1B: CRITICAL THINKING - ENGLISH COMPOSITION</i>		
ENGL 116	CRITICAL THINKING AND ARGUMENT	
PHIL 103	LOGIC AND CRITICAL THINKING	
<i>1C: ORAL COMMUNICATION (CSU ONLY)</i>		
COMM 103	ORAL COMMUNICATION <sup>[FA97]</sup>	
COMM 104	PUBLIC SPEAKING <sup>[FA97]</sup>	
COMM 160	ARGUMENTATION AND DEBATE <sup>[FA18]</sup>	
Note: If ENGL 116 or PHIL 103 were completed prior to fall 1993, both courses are required for IGETC certification. Beginning fall 1993, only one course is required.		
<b>AREA 2A: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING</b>		
A minimum of 3 units must be distributed as follows: One course.		
BIOL 215	BIOSTATISTICS <sup>[FA20]</sup>	
MATH 101	COLLEGE ALGEBRA **	
MATH 115	STATWAY II <sup>[FA15]**</sup>	
MATH 118	FINITE MATHEMATICS <sup>[FA19, FA91-FA15]</sup>	
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 <sup>[SP07]**</sup>	
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 <sup>[FA98]</sup>	
MATH 254	INTRODUCTION TO LINEAR ALGEBRA <sup>[FA98]</sup>	
MATH 260	DISCRETE MATHEMATICS	
MATH 265	DISCRETE STRUCTURES <sup>[FA15]</sup>	

PSYC/SOC 270 STATISTICS FOR THE BEHAVIORAL SCIENCES \*\*

PSYC/SOC 280 STATISTICAL METHODS FOR THE BEHAVIORAL SCIENCES [FA22]\*\*

Note: MATH 101, 115, 119, 120, 121, 122, 244, 250, 251 and PSYC 270, 280, SOC 270, 280 have transfer unit credits limited by either UC or CSU or both. Consult with a counselor for additional information. Refer to the UC Transferable Course Agreement in assist.org.

### 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 INDIGENOUS NORTH AMERICAS [FA98]

ART 113 ART AND CULTURE OF PRE-HISPANIC MEXICO [FA98]

ART 129 ASIAN ART [FA98]

ART 130/  
FTMA 161 HISTORY OF FILM AS ART

ART 149 WOMEN IN WESTERN ART HISTORY, 1550- PRESENT [FA98]

ART 150 ART HISTORY SURVEY--STONE AGE TO THE AGES OF FAITH

ART 151 ART HISTORY-RENAISSANCE TO CONTEMPORARY

ART 156 HISTORY OF PHOTOGRAPHY [FA03]

ART 157 NINETEENTH THROUGH TWENTY-FIRST CENTURY ART

COMM 185/  
FTMA 160 CINEMA AS A FORM OF EXPRESSION AND COMMUNICATION [FA22]

DANC 200 DANCE HISTORY AND APPRECIATION [FA18]

FTMA 160/  
COMM 185 CINEMA AS A FORM OF EXPRESSION AND COMMUNICATION [FA22]

FTMA 161/  
ART 130 HISTORY OF FILM AS ART

HUM 123 WOMEN AND GENDER IN WORLD ART [FA13]

MUS 105 INTRODUCTION TO MUSIC

MUS 106 INTRODUCTION TO JAZZ

MUS 107 AMERICAN POPULAR MUSIC

MUS 195 WORLD MUSIC [FA03]

MUS 202 DEVELOPMENT OF MARIACHI: STYLE AND CULTURE [FA03]

TA 100 SURVEY OF DRAMA

TA 101 INTRODUCTION TO THE THEATRE

TA 102 PLAY ANALYSIS FOR PERFORMANCE, PRODUCTION, AND APPRECIATION [FA19]

#### 3B: HUMANITIES

ARCH 208 WORLD ARCHITECTURE I [FA18]

ARCH 210 WORLD ARCHITECTURE II [FA18]

ASL 201 AMERICAN SIGN LANGUAGE III \*

ASL 225 DEAF CULTURE [FA19]\*

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 [SP07]

ENGL 256 INTRODUCTION TO SHAKESPEARE [FA03]

ENGL 260 MYTHOLOGY IN LITERATURE

ENGL 265 LITERATURE AND FILM [FA03]

ENGL 270 MULTICULTURAL LITERATURE

ENGL 271 LATIN AMERICAN LITERATURE

ENGL 272 CHICANO LITERATURE

ENGL 273 AFRICAN AMERICAN LITERATURE [FA08, FA98-FA07]

ENGL 274 LITERATURE OF THE U.S. - MEXICO BORDERLANDS AND BAJA CALIFORNIA [SP05]

ENGL 280 LITERATURE BY WOMEN

ENGL 281 HORROR, MADNESS, AND THE MACABRE [FA11]

FIL 102 ELEMENTARY FILIPINO II \*

FIL 201 INTERMEDIATE FILIPINO I \*

FREN 201 INTERMEDIATE FRENCH I \*

FREN 202 INTERMEDIATE FRENCH II \*

FTMA 162/  
HUM 112 CULTURE AND THE MEDIA \*\*

HIST 104 WESTERN CIVILIZATION I \*

HIST 105 WESTERN CIVILIZATION II \*

HIST 106 WORLD HISTORY I [FA95] \*

HIST 107 WORLD HISTORY II [FA95] \*

HIST 160 MODERN MIDDLE EAST AND NORTH AFRICA [FA19]\*

HUM 101 HUMANITIES THROUGH THE ARTS I

HUM 102 HUMANITIES THROUGH THE ARTS II

HUM 104 INTRODUCTION TO HUMANITIES: ARTS AND IDEAS

HUM 112/  
FTMA 162 CULTURE AND THE MEDIA \*\*

HUM 121 WOMEN AND GENDER IN WORLD CULTURE [FA13]

HUM 140 WORLD MYTHOLOGY [FA96]

ITAL 201 INTERMEDIATE ITALIAN I \*

ITAL 202 INTERMEDIATE ITALIAN II [FA11]\*

JPN 201 INTERMEDIATE JAPANESE I \*

JPN 202 INTERMEDIATE JAPANESE II [FA11]\*

MAS/SOC 150 MEXICAN AND MEXICAN-AMERICAN CULTURES IN THE UNITED STATES [FA18]\*

PHIL 101	INTRODUCTION TO PHILOSOPHY
PHIL 106	WORLD RELIGIONS
PHIL 107	ASIAN PHILOSOPHY <sup>[SP07]</sup>
PHIL 120	ETHICS: THEORY AND PRACTICE
PORT 102	ELEMENTARY PORTUGUESE II *
SOC/MAS 150	MEXICAN AND MEXICAN-AMERICAN CULTURES IN THE UNITED STATES <sup>[FA18]*</sup>
SPAN 102	ELEMENTARY SPANISH II **
SPAN 201	INTERMEDIATE SPANISH I * **
SPAN 202	INTERMEDIATE SPANISH II *
SPAN 216	SPANISH FOR BILINGUALS II **
SPAN 215	SPANISH FOR BILINGUALS I <sup>[FA23]</sup> * ** +
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
<b>AREA 4: SOCIAL AND BEHAVIORAL SCIENCES</b>	
A minimum of 6 units must be distributed as follows: two courses from at least two academic disciplines.	
AFRO/HIST 110	AFRICAN-AMERICAN HISTORY I *
AFRO/HIST 111	AFRICAN-AMERICAN HISTORY II *
AFRO/SOC 151	INTRODUCTION TO AFRICAN-AMERICAN CULTURE <sup>[SP07]</sup>
AJ 111	INTRODUCTION TO ADMINISTRATION OF JUSTICE <sup>[FA03]</sup>
AJ 252	CONSTITUTIONAL LAW <sup>[FA19]</sup>
ANTH 102	CULTURAL ANTHROPOLOGY
ANTH 103	ARCHAEOLOGY AND PREHISTORY
ANTH 112	CULTURES OF MEXICO
ANTH 115	MAGIC, RELIGION, WITCHCRAFT, AND HEALING <sup>[FA22]</sup>
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
ASL 225	DEAF CULTURE <sup>[FA19]*</sup>
CD 170	PRINCIPLES OF CHILD DEVELOPMENT <sup>[FA03]</sup>
COMM 174	INTERPERSONAL COMMUNICATION <sup>[FA23]</sup> +
COMM 176	INTERCULTURAL COMMUNICATION <sup>[FA02]</sup>
COMM 200/ JOUR 101	INTRODUCTION TO MASS COMMUNICATION AND SOCIETY **
ECON 100	CONTEMPORARY ECONOMIC PROBLEMS <sup>[FA23]</sup> ** +
ECON 101	PRINCIPLES OF ECONOMICS I
ECON 102	PRINCIPLES OF ECONOMICS II
GEOG 106	WORLD REGIONAL GEOGRAPHY <sup>[FA14]</sup>
GEOG 120	INTRODUCTION TO GEOGRAPHY: CULTURAL ELEMENTS

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 <sup>[FA12]*</sup>
HIST 107	WORLD HISTORY II <sup>[FA12]*</sup>
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 121	COMPARATIVE HISTORY OF THE AMERICAS I <sup>[FA98]*</sup>
HIST 122	COMPARATIVE HISTORY OF THE AMERICAS II <sup>[FA98]*</sup>
HIST 132	WOMEN IN WORLD HISTORY <sup>[SP04]</sup>
HIST/MAS 141	MEXICAN-AMERICAN HISTORY I *
HIST/MAS 142	MEXICAN-AMERICAN HISTORY II *
HIST 160	MODERN MIDDLE EAST AND NORTH AFRICA <sup>[FA19]*</sup>
HLTH 121	CULTURAL ASPECTS OF FOOD AND NUTRITION <sup>[FA19]</sup>
HLTH 212	INTRODUCTION TO PUBLIC HEALTH <sup>[FA19]</sup>
HUM 120	INTRODUCTION TO GENDER AND WOMEN'S STUDIES <sup>[FA13]</sup>
HUM 122	WOMEN AND GENDER IN SOCIAL MOVEMENTS <sup>[FA13]</sup>
JOUR 101/ COMM 200	INTRODUCTION TO MASS COMMUNICATION AND SOCIETY **
MAS 100	CHICANA AND CHICANO HERITAGE <sup>[FA23]*</sup> +
MAS 110	INTRODUCTION TO CHICANA AND CHICANO STUDIES <sup>[FA23]*</sup> +
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 <sup>[FA07]*</sup>
MAS/SOC 170	CRITICAL ISSUES IN CHICANA/LATINA STUDIES <sup>[FA22]</sup>
MAS 180	RACE AND CLASS IN THE AMERICAN SOUTHWEST <sup>[FA23]*</sup> +
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 <sup>[FA98]</sup>
PSYC 101	GENERAL PSYCHOLOGY
PSYC 106	HUMAN SEXUALITY
PSYC 109	THE PSYCHOLOGY OF DEATH AND DYING <sup>[FA19]</sup>

PSYC/SOC 116	INTRODUCTION TO SOCIAL PSYCHOLOGY
PSYC 211	INTRODUCTION TO COGNITIVE PSYCHOLOGY <sup>[SP07]</sup>
PSYC 230	DEVELOPMENTAL PSYCHOLOGY <sup>[FA98]</sup>
PSYC 250	ABNORMAL PSYCHOLOGY <sup>[FA98]</sup>
PSYC 260	INTRODUCTION TO PHYSIOLOGICAL PSYCHOLOGY <sup>[FA98]</sup>
SOC 101	INTRODUCTION TO SOCIOLOGY
SOC 106	RACE AND ETHNICITY <sup>[FA13]</sup>
SOC 107	SOCIOLOGY OF RELIGION <sup>[FA13]</sup>
SOC 110	CONTEMPORARY SOCIAL PROBLEMS
SOC/ASIA 115	FILIPINO-AMERICAN CULTURE
SOC/PSYC 116	INTRODUCTION TO SOCIAL PSYCHOLOGY
SOC 135	SOCIOLOGY OF THE FAMILY <sup>**</sup>
SOC 140	SOCIOLOGY OF GENDER <sup>[FA22]</sup>
SOC/MAS 150	MEXICAN AND MEXICAN-AMERICAN CULTURES IN THE UNITED STATES <sup>[FA07]*</sup>
SOC/AFRO 151	INTRODUCTION TO AFRICAN-AMERICAN CULTURE <sup>[SP07]</sup>
SOC/MAS 170	CRITICAL ISSUES IN CHICANA/LATINA STUDIES <sup>[FA22]</sup>
SOC 255	INTRO TO SOCIOLOGICAL RESEARCH METHODS <sup>[FA18]</sup>

**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.)

**5A: PHYSICAL SCIENCE**

ASTR 100	PRINCIPLES OF ASTRONOMY
ASTR 120	SOLAR SYSTEM ASTRONOMY <sup>[FA03]</sup>
ASTR 150	DISCOVERY OF THE COSMOS <sup>[SP04]</sup>
ASTR 170	THE RADICAL UNIVERSE <sup>[FA02]</sup>
ASTR 180	LIFE IN THE UNIVERSE <sup>[FA03]</sup>
ASTR 205	ELEMENTARY ASTROPHYSICS
BIOL 143	BIOLOGY, OCEANOGRAPHY, AND GEOSCIENCE OF BAJA CALIFORNIA <sup>[FA22]*</sup>
CHEM 100	INTRODUCTION TO GENERAL CHEMISTRY <sup>** * lec &amp; lab</sup>
CHEM 102	GENERAL, ORGANIC, AND BIOLOGICAL CHEMISTRY <sup>[FA19]* lec &amp; lab</sup>
CHEM 110	ELEMENTARY ORGANIC AND BIOLOGICAL CHEMISTRY <sup>** * lec &amp; lab</sup>
CHEM 170	PREPARATION FOR GENERAL CHEMISTRY <sup>** * lec &amp; lab</sup>
CHEM 200	GENERAL CHEMISTRY I <sup>* lec &amp; lab</sup>
CHEM 210	GENERAL CHEMISTRY II <sup>* lec &amp; lab</sup>
CHEM 240	ORGANIC CHEMISTRY I <sup>* lec &amp; lab</sup>
CHEM 242	ORGANIC CHEMISTRY II <sup>[FA15] lec &amp; lab</sup>
CHEM 250	ANALYTICAL CHEMISTRY <sup>* lec &amp; lab</sup>

GEOG 100	INTRODUCTION TO GEOGRAPHY-- PHYSICAL ELEMENTS
GEOG/GEOL/ PHS 110	INTRODUCTION TO OCEANOGRAPHY
GEOG 130	WEATHER AND CLIMATE
GEOG 160	GEOGRAPHY OF CALIFORNIA <sup>[FA14]</sup>
GEOL 100	PRINCIPLES OF GEOLOGY
GEOL 104	INTRODUCTION TO EARTH SCIENCE <sup>[FA09]</sup>
GEOL/GEOG/ PHS 110	INTRODUCTION TO OCEANOGRAPHY
GEOL 115	DINOSAURS AND THE STORY OF EARTH <sup>[FA14]</sup>
PHS 101	INTRODUCTION TO THE PHYSICAL SCIENCES <sup>[FA14]**</sup>
PHS/GEOG/ GEOL 110	INTRODUCTION TO OCEANOGRAPHY
PHYS 150	FUNDAMENTALS OF PHYSICS I <sup>[FA19]**</sup>
PHYS 152	FUNDAMENTALS OF PHYSICS II <sup>[FA19]**</sup>
PHYS 270	PRINCIPLES OF PHYSICS I <sup>**</sup>
PHYS 272	PRINCIPLES OF PHYSICS II <sup>**</sup>
PHYS 274	PRINCIPLES OF PHYSICS III <sup>**</sup>

**5B: BIOLOGICAL SCIENCE**

ANTH 101	BIOLOGICAL ANTHROPOLOGY
BIOL 100	PRINCIPLES OF BIOLOGY <sup>**</sup>
BIOL 130	ANIMAL BIOLOGY: A BEHAVIORAL APPROACH
BIOL 140	ENVIRONMENTAL BIOLOGY
BIOL 145	ECOMUNDO: ECOLOGY AND ENVIRONMENTAL SCIENCE <sup>[FA03]</sup>
BIOL 150	NATURAL HISTORY OF PLANTS AND ANIMALS <sup>[FA19, FA91-FA07]* lec &amp; lab</sup>
BIOL 151	THE SCIENCE OF BREWING BEER <sup>[FA19] *</sup>
BIOL 160	MARINE BIOLOGY
BIOL 180	HUMAN HEREDITY, EVOLUTION, AND SOCIETY
BIOL 185	BIOLOGY OF ALCOHOL AND OTHER DRUGS <sup>[SP04]</sup>
BIOL 190	HUMAN ANATOMY AND PHYSIOLOGY <sup>[FA03]* ** lec &amp; lab</sup>
BIOL 210	GENERAL ZOOLOGY <sup>* lec &amp; lab</sup>
BIOL 211	INTRODUCTION TO CELL AND MOLECULAR BIOLOGY <sup>* lec &amp; lab</sup>
BIOL 212	BIOLOGY OF PLANTS <sup>* lec &amp; lab</sup>
BIOL 260	HUMAN ANATOMY <sup>** * lec &amp; lab</sup>
BIOL 261	PRINCIPLES OF HUMAN PHYSIOLOGY <sup>** * lec &amp; lab</sup>
BIOL 265	GENERAL MICROBIOLOGY <sup>* lec &amp; lab</sup>
CHEM/BIOL 151	THE SCIENCE OF BREWING BEER <sup>[FA17]</sup>

**5C: LABORATORY ACTIVITY**

This requirement can be satisfied by completion of any of the following laboratory courses:

ANTH 101L	LABORATORY IN BIOLOGICAL ANTHROPOLOGY <sup>[FA19]</sup>
ASTR 109	ASTRONOMY LABORATORY

BIOL 101	PRINCIPLES OF BIOLOGY LABORATORY **
BIOL 131	ANIMAL BIOLOGY LABORATORY
BIOL 150	NATURAL HISTORY OF PLANTS AND ANIMALS [FA19, FA91-FA07]* lec & lab
BIOL/CHEM 151L	INTRODUCTION TO THE SCIENCE OF BREWING LAB [FA19]
BIOL 161	MARINE BIOLOGY LABORATORY **
BIOL 190	HUMAN ANATOMY AND PHYSIOLOGY [FA03]** * lec & lab
BIOL 210	GENERAL ZOOLOGY *lec & lab
BIOL 211	INTRODUCTION TO CELL AND MOLECULAR BIOLOGY * lec & lab
BIOL 212	BIOLOGY OF PLANTS * lec & lab
BIOL 260	HUMAN ANATOMY ** * lec & lab
BIOL 261	PRINCIPLES OF HUMAN PHYSIOLOGY ** * lec & lab
BIOL 265	GENERAL MICROBIOLOGY * lec & lab
CHEM 100	INTRODUCTION TO GENERAL CHEMISTRY ** * lec & lab
CHEM 102	GENERAL, ORGANIC, AND BIOLOGICAL CHEMISTRY [FA19]* lec & lab
CHEM 110	ELEMENTARY ORGANIC AND BIOLOGICAL CHEMISTRY ** * lec & lab
CHEM/BIOL 151L	INTRODUCTION TO THE SCIENCE OF BREWING LAB [FA19]
CHEM 170	PREPARATION FOR GENERAL CHEMISTRY ** * lec & lab
CHEM 200	GENERAL CHEMISTRY I * lec & lab
CHEM 210	GENERAL CHEMISTRY II * lec & lab
CHEM 240	ORGANIC CHEMISTRY I * lec & lab
CHEM 242	ORGANIC CHEMISTRY II [FA15] lec & lab
CHEM 244	ORGANIC ANALYSIS AND SPECTROSCOPY [FA22]
CHEM 250	ANALYTICAL CHEMISTRY * lec & lab
GEOG 101	PHYSICAL GEOGRAPHY LABORATORY **
GEOL 101	GENERAL GEOLOGY LABORATORY **
GEOL 115L	DINOSAURS AND THE STORY OF EARTH LAB [FA14]
PHS 101L	INTRODUCTION TO PHYSICAL SCIENCE LABORATORY [FA19]
PHS 111	OCEANOGRAPHY LABORATORY **
PHYS 151	FUNDAMENTALS OF PHYSICS LABORATORY I [FA19]
PHYS 153	FUNDAMENTALS OF PHYSICS LABORATORY II [FA19]
PHYS 271	PRINCIPLES OF PHYSICS LABORATORY I
PHYS 273	PRINCIPLES OF PHYSICS LABORATORY II [FA11]
PHYS 275	MODERN PHYSICS AND PRINCIPLES OF PHYSICS LABORATORY III [FA11]

**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.

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 taken before May 1995 (use 1st score) and requirements after May 1995 (use 2nd score).

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 101	AMERICAN SIGN LANGUAGE I **
ASL 102	AMERICAN SIGN LANGUAGE II
ASL 201	AMERICAN SIGN LANGUAGE III *
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 [FA11]*
JPN 101	BEGINNING JAPANESE I **
JPN 101A & JPN 101B	INTRODUCTORY ELEMENTARY JAPANESE and CONTINUATION OF ELEMENTARY JAPANESE #**
JPN 102	BEGINNING JAPANESE II
JPN 201	INTERMEDIATE JAPANESE I *
JPN 202	INTERMEDIATE JAPANESE II [FA11]*
PORT 101	ELEMENTARY PORTUGUESE I **
PORT 102	ELEMENTARY PORTUGUESE II *
SPAN 101	ELEMENTARY SPANISH I **



SPAN 101A & SPAN 101B	INTRODUCTION TO ELEMENTARY SPANISH and CONTINUATION OF ELEMENTARY SPANISH #**
SPAN 101H	HONORS ELEMENTARY SPANISH I [FA18]
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 * **

**AREA 7: ETHNIC STUDIES** <sup>1</sup>

Select one 3 unit course.

AFRO/HIST 111	AFRICAN-AMERICAN HISTORY II [FA23]* +
ASIA/HIST 113	ASIAN-AMERICAN HISTORY II [FA23]* +
MAS 100	CHICANA AND CHICANO HERITAGE [FA23]* +
MAS 110	INTRODUCTION TO CHICANA AND CHICANO STUDIES [FA23]* +
MAS/HIST 142	MEXICAN-AMERICAN HISTORY II [FA23]* +
MAS/SOC 170	CRITICAL ISSUES IN CHICANA/LATINA STUDIES [FA23]* +

**AMERICAN INSTITUTIONS (CSU REQUIREMENT ONLY)**

(U.S. History, Constitution, and American Ideals)

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 be used to satisfy requirements for IGETC in Area 4, Social and Behavioral Sciences.

*US-1: American History*

AFRO/HIST 110	AFRICAN-AMERICAN HISTORY I [FA04]*
AFRO/HIST 111	AFRICAN-AMERICAN HISTORY II [FA22]*
HIST 100	AMERICAN CIVILIZATION I [FA04]*
HIST 101	AMERICAN CIVILIZATION II [FA04]*
HIST/MAS 141	MEXICAN-AMERICAN HISTORY I [FA04]*
HIST/MAS 142	MEXICAN-AMERICAN HISTORY II [FA04]*
PS 101	INTRODUCTION TO POLITICAL SCIENCE [FA14]*

*US-2: The U.S. Constitution*

AFRO/HIST 110	AFRICAN-AMERICAN HISTORY I [FA11, FA04-FA08]*
AFRO/HIST 111	AFRICAN-AMERICAN HISTORY II [FA04-FA24]*
ASIA/HIST 113	ASIAN-AMERICAN HISTORY II [FA04-FA24]*
HIST 100	AMERICAN CIVILIZATION I [FA04]*
HIST 121	COMPARATIVE HISTORY OF THE AMERICAS I [FA04]*
HIST 122	COMPARATIVE HISTORY OF THE AMERICAS II [FA12]*

HIST/MAS 141	MEXICAN-AMERICAN HISTORY I [FA04]*
PS 101	INTRODUCTION TO POLITICAL SCIENCE [FA14]*
PS 102	INTRODUCTION TO AMERICAN GOVERNMENT AND POLITICS [FA04]*

*US-3: California State and Local Government*

AFRO/HIST 111	AFRICAN-AMERICAN HISTORY II [FA04-FA24]*
ASIA/HIST 113	ASIAN-AMERICAN HISTORY II [FA22]*
HIST 101	AMERICAN CIVILIZATION II [FA04]*
HIST 122	COMPARATIVE HISTORY OF THE AMERICAS II [FA04]*
HIST/MAS 142	MEXICAN-AMERICAN HISTORY II [FA04]*
PS 102	INTRODUCTION TO AMERICAN GOVERNMENT AND POLITICS [FA04]*

**NOTE:** IGETC minimum required General Education units for transfer

Code	Title	Units
Area 1:	English Communication (1C CSU Requirement Only)	6-11
Area 2:	Mathematical Concepts and Quantitative Reasoning	3
Area 3:	Arts and Humanities (two academic disciplines)	9
Area 4:	Social and Behavioral Sciences (two academic disciplines)	6
Area 5:	Physical and Biological Sciences	7-9
Area 6:	Language Other Than English (UC Requirement Only)	0-5
Area 7:	Ethnic Studies	3
<b>Total Units</b>		<b>34-46</b>

Please consult with a counselor for additional information.

**Legend**

- / Same as Courses
- + New course(s) to General Education area.
- ^ 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. Consult with an academic counselor for guidance. Refer to the UC Transferable Course Agreement in assist.org.
- # JPN 101A & SPAN 101A are prerequisites & not IGETC eligible. *SPAN 101A and SPAN 101B combined are equivalent to SPAN 101. JPN 101A and JPN 101B combined are equivalent to JPN 101.*
- [ ] Courses with semester and date in brackets indicate the General Education approval in area. A course taken prior to approval date is not approved for meeting a General Education requirement. Effective dates per course may differ on IGETC and CSUGE Breadth. Reference assist.org for any dates not listed.
- " Reference assist.org for historical General Education information.
- <sup>1</sup> The IGETC Ethnic Studies, Area 7 requirement is effective fall 2023 and beyond. Students with SWC continuous enrollment and catalog rights prior to fall 2023 may complete a previous IGETC pattern (9 units in Area 4 and without Area 7). See an academic counselor for more information.