

California State University (CSU)

General Education Pattern

CERTIFICATE OF ACHIEVEMENT: 39 units

DESCRIPTION

Students will qualify for a Certificate of Achievement in California State University (CSU) General Education by completing the pattern listed here. A minimum of 30 general education units taken in areas A through E must be completed with a grade of "C" or better, including all units in Area A (9 units) and Area B-4 (3-5 units). Students must meet Gavilan College GPA and residency requirements. Courses listed under more than one discipline or area may be used only once to satisfy an area.

PROGRAM REQUIREMENTS:

AREA A (9 -10 UNITS): ENGLISH LANGUAGE, COMMUNICATION AND CRITICAL THINKING

Select one course from each category. All courses must be completed with a grade of "C" or better.

ORAL COMMUNICATION:

CMUN1A	Introduction to Public Speaking	3
CMUN5	Fundamentals of Communication Studies	3
CMUN8	Interpersonal Communication	3
CMUN10	Small Group Communication	3

WRITTEN COMMUNICATION:

ENGL1A	Composition	3-4
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CRITICAL THINKING:

PHIL2	Introduction to Logic.	3
PHIL4	Critical Thinking and Writing.	3
ENGL1C	Critical Reasoning and Writing	3

AREA B - (9 UNITS): SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING

One course from each category. The Physical or Life Science course must include a laboratory section (lab courses are underlined).

B-1 PHYSICAL SCIENCE:

ASTR1	Introduction to General Astronomy.	3
<u>CHEM1A</u>	General Chemistry	5
<u>CHEM1B</u>	General Chemistry	5
<u>CHEM12A</u>	Organic Chemistry	5
<u>CHEM12B</u>	Organic Chemistry	5
<u>CHEM30A</u>	Elementary Chemistry.	4
<u>CHEM30B</u>	Elementary Organic and Biochemistry.	4
<u>GEOG1</u>	Physical Geography	3

<u>GEOL1</u>	Introduction to Geology	4
<u>PHYS1</u>	Introduction to Physics.	4
<u>PHYS2A</u>	General Physics I	4
<u>PHYS2B</u>	General Physics II.	4
<u>PHYS4A</u>	Physics for Scientists and Engineers - Mechanics.	4
<u>PHYS4B</u>	Physics for Scientists and Engineers - Electricity and Magnetism	4
<u>PHYS4C</u>	Physics for Scientists and Engineers - Heat, Optics, Modern Physics	4
<u>PSCI1</u>	Principles of Physical Science	3
<u>PSCI2</u>	Introduction to Meteorology	3
<u>PSCI3</u>	Ocean Studies	3

B-2 LIFE SCIENCE:

<u>AH8</u>	General Microbiology	5
<u>AH9</u>	Human Physiology	5
<u>AH15</u>	Survey of Human Anatomy and Physiology	5
<u>ANTH1</u>	Introduction to Physical Anthropology	3
<u>BIO1</u>	Cell and Molecular Biology.	4
<u>BIO4</u>	General Zoology.	4
<u>BIO5</u>	General Botany.	4
<u>BIO7</u>	Human Anatomy	4
<u>BIO8</u> or <u>BIO9</u> or <u>BIO10</u>	General Microbiology	5
	Human Physiology	5
	Principles of Biology	4
<u>BIO12</u>	Introduction to Human Biology.	4
<u>BIO13</u>	Marine Biology	4
<u>BIO15</u> or <u>ECOL1</u>	Survey of Human Anatomy and Physiology	5
	Conservation of Natural Resources	4 8-3

B-3 LABORATORY ACTIVITY:

Lab courses are underlined and included in B-1 and B-2

B-4 MATHEMATICS / QUANTITATIVE REASONING

(Grade "C" or better):

<u>BUS11or</u>	Statistics for Business and Economics.	4
<u>CSIS26</u>	Discrete Structures.	3
<u>ECON11</u>	Statistics for Business and Economics.	4
<u>MATH1A</u>	Single-Variable Calculus and Analytic Geometry.	4
<u>MATH18</u>	Single-Variable Calculus and Analytic Geometry.	4
<u>MATH1C</u>	Multivariable Calculus	4
<u>MATH2</u>	Linear Algebra	3
<u>MATH2C</u>	Differential Equations	3
<u>MATH5</u>	Introduction to Statistics	3
<u>MATH6</u>	Calculus for Business / Social Science	3
<u>MATH7</u>	Finite Mathematics	3
<u>MATH8A</u>	First Half of Precalculus	4
<u>MATH8B</u>	Second Half of Precalculus	4
<u>MATH12</u>	Mathematics for Elementary Teachers	3
<u>MATH14</u>	Math for the Liberal Arts	3

GENERAL EDUCATION (CSU)

AREA C - (9 UNITS): ARTS AND HUMANITIES

C-1 ARTS (ART, DANCE, MUSIC, THEATRE)

Choose one course (minimum of two units) from the following list:

ART1A	Art History	3
ART1B	Art History	3
ART2A	Two-Dimensional Design	3
ART3A	Drawing and Composition	3
ART6	Art Appreciation	3
ART8A	Introduction to Photography	3
ART10A	Cultural History of Ceramics	3
ART13	Three-Dimensional Design	3
ART21 or	Ancient Americas: A History through Art	3
ART25A or	Art Methods	3
CD25A	Art Methods	3
CMUN2	Oral Interpretation	3
HIST21	Ancient Americas: A History through Art	3
HUM6	Contemporary World Cinema	3
HUM10	Approaches to Contemporary Film	3
MUS1A	Music History and Literature	3
MUS1B	Music History and Literature	3
MUS3A	Harmony/Theory/Musicianship I	4
MUS4A	Beginning Piano	3
MUS6	Introduction to World Music	3
THEA1	Theatre History: Greece to Restoration	3
THEA3	El Teatro Campesino	3
THEA4 or	Oral Interpretation	3
THEA7	Theatre Appreciation	3
THEA12A	Acting I	3
THEA20	Introduction to Scriptwriting	3

C-2 HUMANITIES (LITERATURE, PHILOSOPHY, FOREIGN LANGUAGES)

Choose one course from the following list:

ART11	Creativity, Imagination and Innovation	3
ENGL1B	Composition and Literature	3
ENGL2B	American Ethnic Literature	3
ENGL2C	Introduction to Film and Fiction	3
ENGL2E	Introduction to Women Writers	3
ENGL2F	Children's Literature	3
ENGL2J	World Mythology	3
ENGL4A	British Literature - 449 to 1798 A.O.	3
ENGL4B	British Literature - 1798 to Present	3
ENGL5A	Survey of American Literature - 1620 to 1865	3
ENGL5B	Survey of American Literature - 1865 to Present	3
ENGL9A	Introduction to Creative Writing	3
ENGL9B	Advanced Creative Writing	3
ENGL9C	Creative Writing: Poetry	3
FRNH1A	Elementary French	5
FRNH1B	Elementary French	5
HIST1	United States History through Reconstruction	3
HIST2	United States History Reconstruction - Present	3

HIST3	History of California	3
HIST4A	Global History Before 1500	3
HIST4B	Global History After 1500	3
HIST5	Women's Lives in Early United States History	3
HIST6	Women's Lives in Recent United States History	3
HIST7A	History of Western Civilization	3
HIST7B	History of Western Civilization	3
HIST12 or	Mexican American Cultural History	3
HUM12	Mexican American Cultural History	3
JPN1A	Elementary Japanese	5
JPN1B	Elementary Japanese	5
JOUR10 or	Mass Media and Society	3
PHIL1	Introduction to Philosophy	3
PHIL3A	Ethics	3
PHIL3B	Contemporary Moral Issues	3
PHIL6	Comparative Religions	3
PHIL9	Philosophy of Religion	3
SOC10	Mass Media and Society	3
SPAN1A	Elementary Spanish	5
SPAN1B	Elementary Spanish	5
SPAN2A	Intermediate Spanish	5
SPAN2B	Intermediate Spanish	5
SPAN12A	Spanish for Spanish Speakers	5
SPAN12B	Spanish for Spanish Speakers	5
HUM3	Introduction to Cinematic Arts, Film and Television	3
HUM4	Introduction to American Cinema	3
HUM10	Approaches to Contemporary Film	3

AREA D - (9 UNITS) SOCIAL SCIENCES

Select one course from Requirement 1:

REQUIREMENT 1:

HIST1	United States History through Reconstruction	3
HIST2	United States History Reconstruction to the Present	3
POLS1	Introduction to American Government	3

Note: For the baccalaureate degree, one of the following combinations is required: HIST 1 & 2, POLS 1 with either HIST 1 or 2

REQUIREMENT 2:

Two courses from at least two disciplines

AJ5 or	Introduction to Modern International Terrorism	3
AJ10	Intro to Admin of Justice	3
ANTH2	Intro to Archeology	3
ANTH3	Intro to Cultural Anthropology	3
ANTH5	Magic, Witchcraft, and Religion	3
ANTH6	Culture and Politics of Africa	3
ANTH32	Intro to Research Methods	3
CD2	Early Child Development	3
CD3 or	Child Growth and Development During the School Years	3

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CD7	Cultural Context of Child and Family in a Diverse Society	3
CD40	Child and Adolescent Development.	3
CMUN4	Intercultural Communication.	3
CMUN6	Intro to Conflict Resolution	3
ECON1	Principles of Macroeconomics	3
ECON2	Principles of Microeconomics	3
GEOG2	Cultural Geography	3
JOUR10	Mass Media and Society	3
HIST1	US History through Reconstruction	3
HIST2	US History: Reconstruction to the Present	3
HIST3	History of California	3
HIST4A	Global History before 1500.	3
HIST4B	Global History after 1500	3
HIST5	Women's Lives in Early US History.	3
HIST6	Women's Lives in Recent US History	3
HIST12	Mexican American Cultural History	3
HUM12	Mexican American Cultural History	3
PHIL12	Intro to Political Thought	3
POLS1	Introduction to American Government	3
POLS3	Introduction to Comparative Politics.	3
POLS4	Introduction to International Relations	3
POLS5	Introduction to Modern International Terrorism	3
POLS6	Introduction to Conflict Resolution	3
POLS9	Global Social Change.	3
POLS10	Intro to Political Science	3
POLS12	Intro to Political Thought	3
POLS32	Intro to Research Methods	3
PSYC2	Early Child Development	3
PSYC3	Child Growth and Development During the School Years.	3
PSYC6	Introduction to Conflict Resolution	3
PSYC7	Cultural Context of Child and Family in a Diverse Society	3
PSYC10	Introduction to Psychology.	3
PSYC11	Biological Psychology	3
PSYCH32	Intro to Research Methods	3
PSYC40	Child and Adolescent Development.	3
SOC1A	Introduction to Sociology	3
SOC1B	Introduction to Sociology: Social Problems	3
SOC3	Sociology of Race, Ethnicity and Cultural Identity	3
SOC4	Sociology of Women and Men	3
SOC9	Global Social Change.	3
SOC10	Mass Media and Society	3

AREA E - LIFELONG UNDERSTANDING AND SELF-DEVELOPMENT (3 UNITS)

One unit from any Kinesiology activity course and two units from the following list:

AH3	The Person in the Life Cycle.	3
AH11	Nutrition	3
GUID1	Self-Assessment and Career Development	3
GUID6	Life Skills for Higher Education.	2
GUID27	Contemporary Leadership	3
HE1	Health Education	3
HE2	Human Sexuality.	3
PSYC5	Self-Assessment and Career Development	3
PSYC27	Contemporary Leadership	3
SOC21	Marriage and the Family.	3





Intersegmental General Education Transfer Curriculum (IGETC)

CERTIFICATE OF ACHIEVEMENT: 37 - 39 units

DESCRIPTION

Students will qualify for a Certificate of Achievement in Intersegmental General Education Transfer Curriculum (IGETC) by completing the pattern listed here. Courses taken in areas 1 through 5 must be completed with a grade of "C" or better. Students must meet Gavilan College GPA and residency requirements. Courses listed in multiple areas shall not be certified in more than one area except for courses in Language Other Than English (see right column), which can be certified in both Areas 38 and 6A.

PROGRAM REQUIREMENTS:

AREA 1: ENGLISH COMMUNICATION

CSU: Three courses required, one each from 1-A, 1-B, and 1-C

UC: Two courses required, one each from 1-A and 1-B

A: ENGLISH COMPOSITION (UNITS)

ENGL1A Composition 3-4

B: CRITICAL THINKING (UNITS)

ENGL1C Critical Reasoning and Writing 3

PHIL4 Critical Thinking and Writing 3

C: ORAL COMMUNICATION (CSU REQUIREMENT ONLY)

(9 UNITS)

CMUN1A Introduction to Public Speaking 3

CMUN5 Fundamentals of Communication Studies 3

CMUN8 Interpersonal Communication 3

CMUN10 Small Group Communication 3

AREA 2 (3 UNITS): MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING

One course:

2-A. MATH:

BUS11 Statistics for Business and Economics 4

ECON11 Statistics for Business and Economics 4

MATH1A Single-Variable Calculus and Analytic Geometry . . 4

MATH1B Single-Variable Calculus and Analytic Geometry . . 4

MATH1C Multivariable Calculus 4

MATH2 Linear Algebra 3

MATH2C Differential Equations 3

MATH5 Introduction to Statistics 3

MATH6 Calculus for Business / Social Science 3

MATH7 Finite Mathematics 3

MATH8A First Half of Precalculus 4

MATH8B Second Half of Precalculus 4

MATH14 Math for the Liberal Arts 3

AREA 3 (9 UNITS): ARTS AND HUMANITIES

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

3-A. ART:

ART1A Art History 3

ART1B Art History 3

ART6 Art Appreciation 3

ART21 Ancient Americas: A History through Art 3

HIST21 Ancient Americas: A History through Art 3

HUM6 Contemporary World Cinema 3

MCTV16 History and Culture of TV, Film, and Media 3

MUS1A Music History and Literature 3

MUS1B Music History and Literature 3

MUS2 History of Jazz and Rock 3

MUS6 Introduction to World Music 3

MUS15 Music Appreciation 3

THEA1 Theatre History: Greece to Restoration 3

THEA3 El Teatro Campesino 3

THEA7 Theatre Appreciation 3

THEA16 History and Culture of TV, Film, and Media 3

THEA29 History of American Musical Theater 3

3-B. HUMANITIES:

AJ3A Ethics 3

ENGL1B Composition and Literature 3

ENGL2B American Ethnic Literature 3

ENGL2C Introduction to Film and Fiction 3

ENGL2E Introduction to Women Writers 3

ENGL2F Children's Literature 3

ENGL2J World Mythology 3

ENGL4A British Literature - 449 to 1798 A.D. 3

ENGL4B British Literature - 1798 to Present 3

ENGL5A Survey of American Literature - 1620 to 1865 . . . 3

ENGL5B Survey of American Literature - 1865 to Present . . 3

HIST1 United States History through Reconstruction . . . 3

HIST2 United States History Reconstruction - Present . . 3

HIST3 History of California 3

HIST4A Global History Before 1500 3

HIST4B Global History After 1500 3

HIST5 Women's Lives in Early United States History . . . 3

HIST6 Women's Lives in Recent United States History . . 3

HIST7A History of Western Civilization 3

HIST7B History of Western Civilization 3

HIST12 Mexican American Cultural History 3

HUM3 Introduction to Cinematic Arts, Film and Television 3

HUM4 Introduction to American Cinema 3

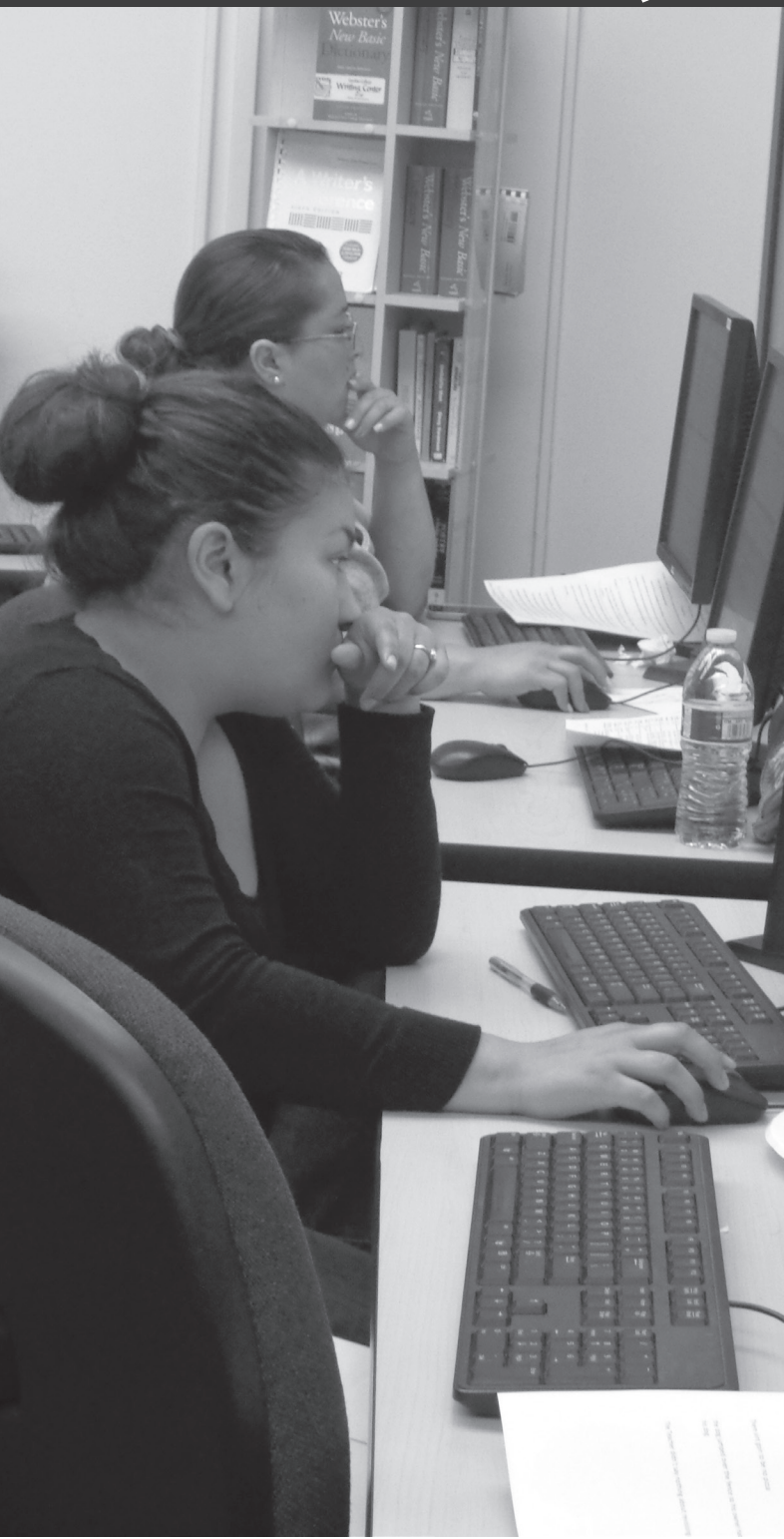
HUM10 Approaches to Contemporary Film 3

HUM12 Mexican American Cultural History 3

PHIL1 Introduction to Philosophy 3

PHIL3A Ethics 3

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PHIL3B	Contemporary Moral Issues	3
PHIL6	Comparative Religions	3
PHIL7A	Hist of Philosophy Ancient and Medieval	3
PHIL7B	Hist of Philosophy Renaissance to Modern	3
PHIL9	Philosophy of Religion	3
PHIL12	Intro to Political Thought	3
PHIL15	Asian Philosophies	3
POLS12	Intro to Political Thought	3
SPAN2A	Intermediate Spanish	5
SPAN2B	Intermediate Spanish	5

AREA 4 (9 UNITS): SOCIAL AND BEHAVIORAL SCIENCES

Three courses from at least two disciplines or an interdisciplinary sequence:

4-A: ANTHOPOLOGY AND ARCHEOLOGY:

ANTH2	Introduction to Archaeology	3
ANTH3	Introduction to Cultural Anthropology	3
ANTH5	Magic, Witchcraft, and Religion	3
ANTH32	Intro to Research Methods	3

4-B: ECONOMICS:

ECON1	Principles of Macroeconomics	3
ECON2	Principles of Microeconomics	3

4-E: GEOGRAPHY

GEOG2	Cultural Geography	3
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4-F: HISTORY

HIST1	United States History through Reconstruction	3
HIST2	United States History Reconstruction - Present	3
HIST3	History of California	3
HIST4A	Global History Before 1500	3
HIST4B	Global History After 1500	3
HIST5	Women's Lives in Early United States History	3
HIST6	Women's Lives in Recent United States History	3
HIST12	Mexican American Cultural History	3
HUM12	Mexican American Cultural History	3

4-G: INTERDISCIPLINARY, SOCIAL & BEHAVIORAL SCIENCE

ANTH6	Culture and Politics of Africa	3
CMUN4	Intercultural Communication	3
CD40	Childhood Adolescent Development	3
PSYC40	Childhood Adolescent Development	3

4-H: POLITICAL SCIENCE, GOVERNMENT & LEGAL INSTITUTIONS

AJ5	Introduction to Modern International Terrorism	3
AJ10	Introduction to Administration of Justice	3
POLS1	Introduction to American Government	3
POLS3	Introductory to Comparative Politics	3
POLS4	Introduction to International Relations	3
POLS5	Introduction to Modern International Terrorism	3

POLS7	Intro to CA Government and Politics	3
POLS9	Global Social Change.	3
POLS10	Intro to Political Science	3
POLS32	Intro to Research Methods	3

4-I: PSYCHOLOGY

CD2	Early Child Development	3
CD3	Child Growth and Development During the School Years.	3
PSYC2	Early Child Development	3
PSYC3	Child Growth and Development During the School Years.	3
PSYC10	Introduction to Psychology.	3
PSYC11	Biological Psychology	3
PSYC32		

4-J: SOCIOLOGY AND CRIMINOLOGY

JOUR10	Mass Media and Society	3
SOC1A	Introduction to Sociology	3
SOC1B	Introduction to Sociology: Social Problems	3
SOC3	Sociology of Race, Ethnicity and Cultural Identity	3
SOC4	Sociology of Women and Men	3
SOC9	Global Social Change.	3
SOC10	Mass Media and Society	3

AREA 5 (7-9 UNITS): PHYSICAL AND BIOLOGICAL SCIENCE

Two courses (minimum of 7 units), one Physical Science course and one Biological Science course, one of which must include a lab (lab courses are underlined)

5-A. PHYSICAL SCIENCE:

ASTR1	Introduction to General Astronomy.	3
<u>CHEM1A</u>	General Chemistry	5
<u>CHEM1B</u>	General Chemistry	5
<u>CHEM12A</u>	Organic Chemistry	5
<u>CHEM128</u>	Organic Chemistry	5
<u>CHEM30A</u>	Elementary Chemistry.	4
<u>CHEM30B</u>	Elementary Organic and Biochemistry.	4
<u>GEOG1</u>	Physical Geography	3
<u>GEOL1</u>	Introduction to Geology	4
<u>PHYS1</u>	Introduction to Physics	4
<u>PHYS2A</u>	General Physics I	4
<u>PHYS28</u>	General Physics II.	4
<u>PHYS4A</u>	Physics for Scientists and Engineers - Mechanics.	4
<u>PHYS4B</u>	Physics for Scientists and Engineers - Electricity and Magnetism	4
<u>PHYS4C</u>	Physics for Scientists and Engineers - Heat, Optics, Modern Physics	4
PSCI1	Principles of Physical Science	3
PSCI2	Introduction to Meteorology	3
PSCI3	Ocean Studies	3

5-B. BIOLOGICAL SCIENCES:

<u>AH8</u>	General Microbiology	5
<u>AH9</u>	Human Physiology	5
<u>AH15</u>	Survey of Human Anatomy and Physiology	5
ANTH1	Introduction to Physical Anthropology	3
<u>ANTH1L</u>		
<u>BIO1</u>	Cell and Molecular Biology.	4
<u>BIO4</u>	General Zoology.	4
<u>BIO5</u>	General Botany.	4
<u>BIO7</u>	Human Anatomy.	4
<u>BIO8</u>	General Microbiology	5
<u>BIO9</u>	Human Physiology	5
<u>BIO10</u>	Principles of Biology.	4
<u>BIO12</u>	Introduction to Human Biology.	4
<u>BIO13</u>	Marine Biology	4
<u>BIO15</u>	Survey of Human Anatomy and Physiology	5
<u>ECOL1</u>	Conservation of Natural Resources	4
<u>ENVS1</u>	Intro to Environmental Science	

C. LABORATORY ACTIVITY

See areas 5-A and 5-B above. Underlined courses include a laboratory component.

AREA 6-A: LANGUAGE OTHER THAN ENGLISH (UC REQUIREMENT ONLY).

Proficiency equivalent to two years of high school study in the same language:

CHN1B	Elementary Mandarin	5
FRNH1B	Elementary French	5
JPN1B	Elementary Japanese	5
SPAN1B	Elementary Spanish	5
SPAN2A	Intermediate Spanish	5
SPAN2B	Intermediate Spanish	5
SPAN12A	Spanish for Spanish Speakers	5
SPAN12B	Spanish for Spanish Speakers	5

SUPPLEMENTARY NOTES FOR TRANSFER STUDENTS:

CSU graduation requirement in U.S. History, Constitution and American Ideals: Not Part of IGETC (May be completed prior to transfer.)

For the baccalaureate degree, CSU requires one of the following combinations: HIST1 and 2 or POLS1 with either HIST1 or 2.

CSU campuses have the discretion whether to allow courses used to satisfy the CSU US History, Constitution and American Ideals (AI) graduation requirement to count in both Area 3B or 4F and to meet the graduation requirement.