

## General Education – Fall 2018

### GE AREA A – COMMUNICATION AND CRITICAL THINKING

(9 UNITS TOTAL)

Area A studies provide students with foundational concepts and experiences that are vital to human communication and critical thinking. These studies encourage the coherent and sequential development of an intellectual practice through active engagement with and analysis of language.

#### A1: Oral Communication (C- or Better Required)

3 Units

AMCS	125	Multicultural Conversations: Listening, Speaking, and Presentation	3.00 Units
COMS	125	Oral Presentation & Media	3.00 Units
ES	104	Oral Communications in the Information Age	3.00 Units
THAR	125	Intro to Acting	3.00 Units

#### A2: Written Communication (C- or Better Required)

3 Units

ENGL	101	Expository Writing and Analytical Reading	4.00 Units
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#### A3: Critical Thinking (C- or Better Required)

3 Units

MATH	220	Reasoning and Proof	4.00 UnitsY
PHIL	101	Critical Thinking	4.00 UnitsY
PHIL	101A/B	Critical Thinking (Year-long Course)	4.00 UnitsY
PHIL	102	Introduction to Logic	4.00 UnitsY

### GE AREA B - NATURAL SCIENCES & MATHEMATICS

(12 UNITS TOTAL)

In natural sciences, humans use their perceptions and quantitative reasoning to discover the principles and rules that govern how the universe works. Courses in this area of general education examine important theories of the natural sciences, and methods and models by which scientific investigation proceeds. They also seek to increase scientific understanding and to imbue students with the sense of curiosity and wonder about the natural world that inspires scientists and mathematicians in their work.

#### B1: Physical Sciences

3 Units

ASTR	100	Descriptive Astronomy	3.00 Units
ASTR	150	Astronomy for Scientists (Pre-requisite or Co-requisite MATH 160, MATH 161, or equivalent.)	3.00 Units
ASTR	231*	Introduction to Observational Astronomy (Pre-requisite or Co-requisite ASTR 100)	2.00 Units
CHEM	102*	Chemistry and Society	3.00 Units
CHEM	105*	Elements of General, Organic, and Biochemistry	5.00 Units
CHEM	110	Introductory General Chemistry	3.00 Units
CHEM	115A*	General Chemistry	5.00 Units
CHEM	115B*	General Chemistry (Prerequisite CHEM 115A)	5.00 Units
CHEM	125A*	Quantitative General Chemistry (Requires concurrent enrollment in CHEM 120A & MATH 160, MATH 161, or equivalent)	5.00 Units
GEOL	102*	Our Dynamic Earth: Introduction to Geology	3.00 Units
GEOL	105	The Age of Dinosaurs	3.00 Units
GEP	201	Global Environmental Systems	4.00 Units
PHYS	100	Descriptive Physics	3.00 Units

PHYS	102*	Descriptive Physics Laboratory	1.00 Units
PHYS	114	Introduction to Physics I (Prerequisite Math 161 or equivalent)	4.00 Units
PHYS	116*	Introductory Laboratory Experience (Pre-requisite or Co-requisite PHYS 114)	1.00 Units
PHYS	209A*	General Physics Laboratory (Pre-requisite or Co-requisite PHYS 210A)	1.00 Units
PHYS	209B*	General Physics Laboratory (Pre-requisite PHYS 209A & PHYS 210A or PHYS 114 & PHYS 116)	1.00 Units
PHYS	210A	General Physics (Pre-requisite MATH 160 or equivalent)	3.00 Units
PHYS	210B	General Physics (Pre-requisite PHYS 210A or PHYS 114)	3.00 Units

### B2: Biological Inquiry

3 Units

ANTH	201	Introduction to Biological Anthropology	3.00 Units
BIOL	110*	Biological Inquiry	4.00 Units
BIOL	115	Introduction to Biology	3.00 Units
BIOL	130*	Introductory Cell Biology and Genetics	4.00 Units

### Freshmen Learning Communities

SCI	120A*	A Watershed Year	6.00 units
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### B3: Specific Emphasis

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ASTR	303	Life in the Universe (Pre-requisite ASTR 100)	3.00 Units
ASTR	305	Frontiers in Astronomy (Pre-requisite ASTR 100 or another course in Astronomy)	3.00 Units
BIOL	220*	Human Anatomy (Pre-requisite BIOL 110 or 115 or 130 & 131)	4.00 Units
BIOL	224*	Human Physiology (Pre-requisite BIOL 110 or 115 or 130 & 131 and CHEM 115A/B or CHEM 125A/B or CHEM 110 or CHEM 105.)	4.00 Units
BIOL	311	Sexually Transmitted Diseases (Pre-requisite BIOL 110 or 115 or 130 & 131)	3.00 Units
BIOL	314*	Field Biology (Pre-requisite BIOL 110 or 115 or 130 & 131)	4.00 Units
CS	101	Introduction to Computers and Computing	3.00 Units
CS	115	Programming I	4.00 Units
ES	101	Disruptive Technologies That Change the World	3.00 Units
ES	102*	Introduction to Engineering Technology Laboratory	1.00 Units
GEOL	110	Natural Disasters	3.00 Units
GEOL	303*	Advanced Principles of Geology (Pre-requisite GEOL 102,105,107,110, or 120 and ANTH 201, ENSP 303, ENSP 309, BIOL 310 or GEOG 204.)	4.00 Units
PHYS	300	Physics of Music	3.00 Units
PHYS	342	Light and Color (Pre-requisite any Physical Science Course)	3.00 Units

### B4: Mathematics/Quantitative Reasoning (C- or Better Required)

(3 Units)

BUS	211	Business Statistics	4.00 Units
ECON	217	Statistics for Economics and Business	4.00 Units
MATH	103	Ethnomathematics	3.00 Units
MATH	104	Introduction to Modern Mathematics	3.00 Units
MATH	131	Introduction to Finite Mathematics	3.00 Units
MATH	150	Modern Geometry	3.00 Units

MATH	160	Precalculus Mathematics	4.00 Units
MATH	161	Differential and Integral Calculus I	4.00 Units
MATH	165	Elementary Applied Statistics	4.00 Units

### Freshmen Learning Communities

SCI	120B	A Watershed Year	6.00 units
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### GE AREA C - ARTS AND HUMANITIES

(12 UNITS TOTAL)

In Area C, students will cultivate intellect, imagination, sensibility, sensitivity and interpretive skills by studying significant works of the human imagination. In addition, they will develop a greater understanding of the interrelationships among the creative arts, the humanities and the self across a variety of cultural contexts.

#### C1: Arts: Arts, Cinema, Dance, Music, Theater

(3 Units)

AMCS	260**	Ethnicity in the Arts, Culture, and Media	4.00 Units
AMCS	392**	Ethnic Images in Film and Media	4.00 Units
ARTH	210	Introduction to Art History	3-4.00 Units
ARTH	211	Introduction to Art History	3-4.00 Units
ARTH	454	Art and the Emergence of Modernity (Pre-requisite HUM 200, ENGL 101, ENGL 100B, or LIBS 101.	3-4.00 Units
ARTH	465	Modern Art from 1945 to 1979 (Pre-requisite HUM 200, ENGL 101, ENGL 100B, or LIBS 101.)	3-4.00 Units
ARTS	491	Visiting Artists' Lecture Series	1.00 Units
CALS	368**	Chicano/Latino Music	4.00 Units
CALS	393**	Chicano/Latino Cinema	4.00 Units
COMS	275	21st Century Television As Art (Non Majors Need Dept. Approval)	4.00 Units
ENGL	207	Introduction to Creative Writing	4.00 Units
MUS	105	Music Theory for Non-Majors	4.00 Units
MUS	343	Studies in Musical Genres	3.00 Units
NAMS	205**	Introduction to Native American Arts	4.00 Units
NAMS	338**	Native Americans and The Cinema	4.00 Units
THAR	101	Making Theatre	3.00 Units
THAR	202	Introduction to the History of Drama and Dance: Origins to 1800	4.00 Units
THAR	300	Theatre in Action	3.00 Units
WGS	300*	Gender, Race and Representation	3.00 Units

#### C2: Humanities: Literature, Philosophy, Languages other than English

(3 Units)

AMCS	225**	How Racism Works: America in Black and White	4.00 Units
AMCS	273	American Diversity: Past, Present, Future (Pre-requisite, completion of GE Area A2. Only one Arts & Humanities 273 course will count)	4.00 Units
AMCS	350**	Ethics, Values, and Multiculturalism	4.00 Units
ARTH	273	Arts and Literature: Critical and Creative Readings and Renderings (Pre-requisite, completion of GE Area A2. Only one Arts & Humanities 273 course will count)	4.00 Units
CALS	273	Latinos and Performance: Critical and Creative Readings (Pre-requisite, completion of GE Area A2. Only one Arts & Humanities 273 course will count)	4.00 Units
CALS	352**	Chicano/Latino Philosophy	4.00 Units

CALS	374**	Latino Literature	4.00 Units
COMS	273	SYRCE: Topics in COMS (Pre-requisite, completion of GE Area A2. Only one Arts & Humanities 273 course will count)	4.00 Units
ENGL	214	Literature of the World	4.00 Units
ENGL	273	Critical and Creative Readings of Literary Texts (Pre-requisite, completion of GE Area A2. Only one Arts & Humanities 273 course will count)	4.00 Units
ENGL	304	War and Peace Lecture Series	4.00 Units
ENGL	314	Modern World Literature in English	4.00 Units
ENGL	315**	California Ethnic Literature (Pre-requisite, completion of ENGL 101)	4.00 Units
FR	314	French Literature in English Translation (Pre-requisite GE Area A)	4.00 Units
GER	314	Love and Desire in German Literature (Pre-requisite ENGL 101)	4.00 Units
JWST	200	Introduction to Jewish Studies	4.00 Unit
LIBS	205	Topics in American Culture	4.00 Units
MLL	273	World Literatures: Critical and Creative Readings (Pre-requisite, completion of GE Area A2. Only one Arts & Humanities 273 course will count)	4.00 Units
MUS	273	Music and Society: Critical Readings and Reception (Pre-requisite, completion of GE Area A2. Only one Arts & Humanities 273 course will count)	4.00 Units
NAMS	273	American Diversity (Pre-requisite, completion of GE Area A2. Only one Arts & Humanities 273 course will count)	4.00 Units
NAMS	346**	Philosophic Systems and Sacred Movements in Native North America	4.00 Units
NAMS	354**	Native American Literatures	4.00 Units
NURS	490	The Sexual Imperative: History, Media, Culture, and Imagination.	4.00 Units
PHIL	120	Introduction to Philosophy	4.00 Units
PHIL	205	Ethics, Law, and Society Forum	1.00 Units
PHIL	273	Critical and Creative Readings of Philosophical Literature (Pre-requisite, completion of GE Area A2. Only one Arts & Humanities 273 course will count)	4.00 Units
PHIL	302	Ethics and Value Theory	4.00 Units
SOCI	431	Sociology of Religion	4.00 Units
THAR	273	Literature and Performance: Critical and Creative Readings (Pre-requisite, completion of GE Area A2. Only one Arts & Humanities 273 course will count)	4.00 Units

### C3: Comparative Perspectives and/or Foreign Language

(3 Units)

FR	101	First-Semester French	4.00 Units
FR	201	Third-Semester French (Pre-requisite FR 102 or equivalent)	4.00 Units
FR	300	Introduction to Literary Analysis and Critical Writing (Pre-requisite FR 201 or equivalent and FR 202)	4.00 Units
FR	321	France Today (Pre-requisite FR 300)	4.00 Units
GER	101	First Semester - The Personal World	4.00 Units
GER	200	Intermediate German: The German-Speaking World Today (Pre-requisite GER 102)	4.00 Units
JWST	255	Evolution of Anti-Semitism: through history, literature, religion and art	4.00 Units
MUS	201	Music in Action	4.00 Units
MUS	350	Survey of World Music	4.00 Units

SPAN	201	Intermediate Spanish, 1st Semester (Pre-requisite SPAN 102 or equivalent)	4.00 Units
SPAN	202	Intermediate Spanish, 2nd Semester (Pre-requisite SPAN 201 or equivalent)	4.00 Units
SPAN	300	Advanced Spanish Language (Pre-requisite SPAN 202)	4.00 Units
SPAN	300H	Advanced Spanish Language for Native/Heritage Speakers	4.00 Units
SPAN	301	Advanced Composition and Conversation (Pre-requisite SPAN 300 or SPAN 300H)	4.00 Units
SPAN	305	Introduction to Literature (Pre-requisite SPAN 300 or SPAN 300H and SPAN 301)	4.00 Units
SPAN	306	Cultures of Spain (Pre-requisite SPAN 300 or SPAN 300H)	4.00 Unit
SPAN	401	Authors of Spain (Pre-requisite SPAN 305)	4.00 Units
SPAN	490	Seminar in Linguistics (Pre-requisite all 300 level Spanish courses and one course at the 400 level)	4.00 Units
THAR	374	Theatre of the World	4.00 Units

### Freshmen Learning Communities

UNIV	150A	Freshman Year Experience: Identity and Global Challenges	4.00 Units
AMCS	165A	Humanities Learning Community	4.00 Units
ARTH	160A	Humanities Learning Community	4.00 Units
CALS	165A	Humanities Learning Community	4.00 Units
COMS	160A	Humanities Learning Community	4.00 Units
ENGL	160A	Humanities Learning Community	4.00 Units
MUS	160A	Humanities Learning Community	4.00 Units
PHIL	160A	Humanities Learning Community	4.00 Units
THAR	160A	Humanities Learning Community	4.00 Units

### GE AREA D - SOCIAL SCIENCES

(12 UNITS TOTAL)

The social sciences concentrate on the description and explanation of organization, variation and change in social practices and institutions. Courses in this area examine the diversity, variety and complexity of human life at every scale from the individual to the global. Courses instill an appreciation of the multiple perspectives and methodologies that social science disciplines offer for understanding the human experience.

#### D1: Individual and Society

(3 Units)

AMCS	210**	Ethnic Groups in America	4.00 Units
ANTH	203	Introduction to Cultural Anthropology	3.00 Units
CALS	219**	The Latino Experience	3.00 Units
CCJS	201	Criminal Justice and Public Policy	4.00 Units
ECON	205	Introduction to Microeconomics	4.00 Units
EDUC	417	School and Society	3.00 Units
PSY	250	Introduction to Psychology	3.00 Units
PSY	325	Social Psychology	4.00 Units
SOCI	201	Introduction to Sociology	3.00 Units
SOCI	263**	Sociology of Race and Ethnicity	4.00 Units
SOCI	319	Aging and Society	4.00 Units
SOCI	326	Social Psychology	4.00 Units
SOCI	375	Sociological Theory	4.00 Units
WGS	255	Introduction to Queer Studies	3- 4.00 Units

WGS	375**	Gender, Race, and Class	3.00 Units
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## D2: World History & Civilization

(3 Units)

ANTH	341	Emergence of Civilizations	3.00 Units
GEP	203	Human Geography	3.00 Units
GEP	206	Society, Environment, and Sustainable Development	3.00 Units
HIST	201	Foundations of World Civilization	3.00 Units
HIST	202	Development of the Modern World	3.00 Units
HIST	380	Twentieth Century World	3.00 Units

**Note:** To graduate from a California State University, students must complete courses covering U.S. History, U.S. Constitution, and California State & Local Government. 3 of the 12 units required in Area D may be met by completing the CSU Statutory Requirements.

## D3: United States History

(1 Course)

HIST	251	History of the United States to 1877	3.00 Units
HIST	252	History of the United States Since 1865	3.00 Units
WGS	305	Lesbian, Gay, Bisexual, Transgender, and Queer U.S. History	3.00 Units

**Note:** To graduate from a California State University, students must complete courses covering U.S. History, U.S. Constitution, and California State & Local Government. 3 of the 12 units required in Area D may be met by completing the CSU Statutory Requirements.

## D4: U.S Constitution & California State & Local Government

(1 Course)

POLS	200	American Political System	3.00 Units
POLS	202	Issues in Modern American Politics	4.00 Units

## D5: Contemporary International Perspectives

(3 Units)

ANTH	200	Introduction to Linguistic Anthropology	3.00 Units
ECON	204	Introduction to Macroeconomics	4.00 Units
ECON	426	Seminar in History of Economic Thought (Pre-requisite ECON 204 and ECON 205)	4.00 Units
GEP	200	Global Environmental Issues	3.00 Units
GEP	205	World Regional Geography	3.00 Units
GEP	305	World Regions in Global Context	4.00 Units
POLS	201	Ideas and Institutions	4.00 Units
POLS	315	Modern Political Ideologies	3- 4.00 Units

## GE AREA E - INTEGRATED PERSON

(3 UNITS TOTAL)

Integrated person courses are designed to study both processes affecting the individual, such as psychological, social, or physiological changes throughout the human life cycle, and the interactions between the individual and society. Focus is on the integration of disciplinary knowledge and personal experience with an appreciation of the duties and rights of a citizen with a rich public and personal life.

ANTH	318	Human Development: Sex and the Life Cycle (Pre-requisite GE B2)	3.00 Units
ANTH	340	Living in our Globalized World	3.00 Units
BIOL	318	Biology of Aging (Pre-requisite BIOL 110, 115, or BIOL 130 & BIOL 131)	3.00 Units
EDEC	420	Child Development in Family, School, and Community	3.00 Units
EDSS	418	Development in Adolescence and Emerging Adulthood	3.00 Units
GEP	371	Social Geography	3.00 Units

GERN	300	The Journey of Adulthood	3.00 Units
KIN	217	Personal Fitness and Wellness	3.00 Units
KIN	316	Women in Sport: Issues, Images, and Identities	3.00 Units
LIBS	320D	Elective Seminar Core D (Pre-requisite LIBS 202 or LIBS 302)	3.00 Units
NURS	480	Health, Sexuality, and Society	3.00 Units
PSY	302	Life Span Development	3.00 Units
SCI	220	Dream, Make and Innovate	3.00 Units
SOCI	317	Emotions and Adult Life	4.00 Units
SSCI	299	Sophomore Seminar: How to Think Like a Social Scientist	3.00 Units
WGS	200	Introduction to Women's and Gender Studies	3.00 Units
WGS	285	Men and Masculinity	4.00 Units

*\* LAB REQUIREMENT: To graduate from a California State University, students must complete one Lab Course.*

*\*\* ETHNIC STUDIES: To graduate from Sonoma State University, students must complete one Ethnic Studies course.*