

SECTION 9

General Education Requirements

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California State University Channel Islands

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GENERAL EDUCATION REQUIREMENTS

Objectives

The General Education Program provides a vital element in fulfilling the mission of the University. Interdisciplinary courses facilitate learning within and across disciplines, enabling students to use information and approaches from a wide variety of disciplines. Language and multicultural courses provide the opportunity for students to experience cultures other than their own in meaningful and respectful ways. General Education requirements are designed to assure that all graduates of the University, whatever their major, have acquired essential skills, experiences, and a broad range of knowledge appropriate to educated people within society.

General Education courses are intended:

- To foster an ability to think clearly and logically;
- To prepare students to find and critically examine information;
- To communicate at an appropriate level in both oral and written forms;
- To acquaint students with the physical universe and its life forms and to impart an understanding of scientific methodology and of mathematical concepts and quantitative reasoning;
- To cultivate through the study of philosophy, literature, languages, and the arts-intellect, imagination, sensibility, and sensitivity;
- To deal with human social, political, and economic institutions and their historical backgrounds, with human behavior and the principles of social interaction; and
- To integrate their knowledge by forming an interdisciplinary and insightful approach to learning.

Requirements

As a graduation requirement, all CSU Channel Islands (CI) students must complete 48 units of General Education distributed across categories A-E. Nine of the 48 units of General Education are required to be resident upper division, interdisciplinary courses numbered in the 330-349 or 430-449 ranges.

Transfer students who enter CI as GE certified will need to complete 9 units of upper division, interdisciplinary general education coursework to meet the 48 unit requirement.

In planning to fulfill the General Education requirements, students are encouraged to consult an academic advisor and the General Education Informational Brochure.

Category A:	Communication in the English Language and Critical Thinking	<u>9</u> units
Category B:	Mathematics, Sciences, and Technology	<u>12</u> units
Category C:	Art, Literature, Languages and Cultures	<u>12</u> units
Category D:	Social Perspectives	<u>12</u> units
Category E:	Human Psychological and Physiological Perspectives	<u>3</u> units

Upper Division Interdisciplinary General Education Courses

Nine of the 48 units of General Education have been designated as upper division, interdisciplinary courses.

These courses integrate significant content, ideas, and ways of knowing from more than one discipline. Each of these courses will involve the student in collaborative work, critical thinking, and integration of ideas. By taking nine units of these courses in categories A-E, students will extend their experience across the curriculum and gain more breadth of educational experience. In addition, they will begin to make connections between their majors and a variety of other fields and ways of knowing, increasing both their knowledge and their ability to communicate with people across the disciplinary spectrum.

- The 9 units of resident upper division General Education required of all students must be selected from the listing of upper division interdisciplinary courses. Courses may be cross-listed in two or more disciplines. A minimum of three semester units must come from a discipline outside the student's major and not cross-listed with the student's major discipline.
- All upper division, interdisciplinary courses will include substantive written work consisting of in-class writing as well as outside-class writing of revised prose.
- Courses numbered 330-349 do not have prerequisites.
- Courses numbered 430-449 may have prerequisites.
- Students must have junior standing or permission from the instructor to enroll in these courses.

Major Specific Courses

Some majors require specific GE courses. Students should consult the catalog for their majors' requirements or contact their advisors.

Cross Listed Courses

Many upper division General Education courses are cross-listed. Students may only receive credit once for each cross-listed course. For example: ENGL 431 is cross-listed with ART 431. The student may choose to receive course units for either of the two courses but not both.

Double Counting

A course may meet the content requirements for two or more program areas (majors, minors, and other sub-programs) with permission of the program; however, the units for the course are counted only once toward the total units for graduation. Double counting between a program and General Education requirements is allowed; however, only 6 of the 9 units of upper division, interdisciplinary General Education courses may be double counted between a major and General Education.

Courses in More Than One Category

A course may be found in more than one GE category. The student may choose which category requirements the course will fill, but a single course cannot fulfill requirements for two categories or sub-categories.

General Education Categories and Courses

Category A: Communication in the English Language and Critical Thinking 9 units

Courses in Category A approach communication as symbolic interaction, examining the formulation and complexities of those interactions. Students learn how to discover, evaluate, and report information, how to reason inductively and deductively, how to distinguish fact from judgment or opinion. Courses in Categories A1 and A2 emphasize the content and form of both oral and written English. They explore the psychological basis and the social significance of communication, as well as the ways language works in diverse situations. Through active participation in written and oral communication, students develop the skills necessary for effective speaking, comprehension, writing, and reasoning. Modes of argument, rhetorical perspectives, and the relationship of language to logic are stressed in all Category A courses.

Students must take a minimum of one course in each of the three sub-categories.

A-1 Oral Communication

COMM	101	Public Speaking . . . . .	.3
COMM	200	Introduction to Communication Studies . . . . .	.3
COMM	210	Interpersonal Communication . . . . .	.3
COMM	220	Group Communication . . . . .	.3
COMM	336	Multicultural Literature and Communication (ENGL) . . . . .	.3
COMM	345	Media Literacy and Youth Culture (EDUC) . . . . .	.3
COMM	346	School Communication (EDUC) . . . . .	.3
COMM	442	Organizational Communication . . . . .	.3
ENGL	106	Composition and Rhetoric II - Service Learning . . . . .	.3
ENGL	107	Advanced Composition and Rhetoric . . . . .	.3
PA	101	Introduction to the Performing Arts . . . . .	.3
PA	202	Integrating Dance, Music and Theatre . . . . .	.3

A-2 English Writing

COMM	230	Introduction to Journalism (ENGL) . . . . .	.3
ENGL	103	Stretch Composition II . . . . .	.3
ENGL	105	Composition and Rhetoric I . . . . .	.3
ENGL	106	Composition and Rhetoric II - Service Learning . . . . .	.3
ENGL	330	Interdisciplinary Writing . . . . .	.3

A-3 Critical Thinking

COMM	211	Discerning Information in an Interconnected World (LIB) . . . . .	.3
ENGL	107	Advanced Composition and Rhetoric . . . . .	.3
MATH	230	Logic and Mathematical Reasoning . . . . .	.3
MATH	430	Research Design and Data Analysis . . . . .	.3
MATH	438	Philosophy of Mathematics . . . . .	.3
UNIV	110	Critical Thinking and the University Mission ³ . . . . .	.3
UNIV	150	First Year Seminar . . . . .	.4

Category B: Mathematics, Sciences, and Technology - 12 units

Courses in this area explore the scope and major concepts of mathematics and/or scientific disciplines. In the sciences, the intent is to present the principles and concepts which form

the foundations of living or non-living systems. The focus of all courses in Category B is on the presentation and evaluation of evidence and argument, the appreciation of use/misuse of data, and the organization of information in quantitative, technological, or other formal systems. Students are introduced to the principles and practices that underscore mathematical and scientific inquiry (logic, precision, hypothesis generation and evaluation, experimentation, and objectivity) and gain an understanding of the process by which new knowledge is created, organized, accessed, and synthesized. Students improve their reasoning skills (critical thinking, problem-solving, decision making, analysis, and synthesis), and apply information and technology to the understanding of complex and diverse problems in mathematics and the sciences. They become aware of the influence and significance of mathematics and the sciences in world civilization.

Students must take a minimum of one course in each of the subcategories. At least one course must include a laboratory component.

B-1 Physical Sciences-Chemistry, Physics, Geology, and Earth Sciences

ART	208	The Physics of Art and Visual Perception (PHYS) . . . . .	.3
ASTR	105	Introduction to the Solar System (PHYS) . . . . .	.3
BIOL	434	Introduction to Biomedical Imaging (HLTH/PHYS) . . . . .	.4
BUS	341	Drug Discovery and Development (CHEM/ECON) . . . . .	.3
CHEM	101	Chemistry and the Environment . . . . .	.3
CHEM	105	Introduction to Chemistry . . . . .	.3
CHEM	110*	Chemistry of Life . . . . .	.4
CHEM	121*	General Chemistry I . . . . .	.4
CHEM	122*	General Chemistry II . . . . .	.4
CHEM	330	The History of Science: NonWestern Origins and the Western Revolution (HIST) . . . . .	.3
CHEM	335	The Chemistry of the Kitchen . . . . .	.3
CHEM	343*	Forensic Science . . . . .	.3
CHEM	344	Energy and Society (PHYS) . . . . .	.3
COMP	345	Digital Image Processing (MATH/PHYS) . . . . .	.3
COMP	445	Image Analysis and Pattern Recognition (MATH/PHYS) . . . . .	.3
ENGL	338	Science and Conscience (PHYS) . . . . .	.3
GEOL	121*	Physical Geology . . . . .	.4
GEOL	122	Historical Geology . . . . .	.3
GEOL	321*	Environmental Geology . . . . .	.4
PA	436	Physics of the Performing Arts (PHYS) . . . . .	.3
PAMU	335	The Physics of Music (PHYS) . . . . .	.3
PHSC	170*	Foundations in Physical Science . . . . .	.4
PHYS	100*	Introduction to Physics I . . . . .	.4
PHYS	101*	Introduction to Physics II . . . . .	.4
PHYS	103	How Things Work . . . . .	.3
PHYS	106	Applied Physics and Modern Society . . . . .	.3
PHYS	107	The Stars and Beyond . . . . .	.3
PHYS	200*	General Physics I . . . . .	.4
PHYS	201*	General Physics II . . . . .	.4
PHYS	448	Team Based Research . . . . .	.3

* Includes Lab

B-2 Life Sciences-Biology

ANTH	104	Introduction to Bioanthropology . . . . .	.3
ANTH	345	Human Evolution and Diversity . . . . .	.3

BIOL	100*	Exploring the Living World . . . . .	.4
BIOL	170*	Foundations of Life Science . . . . .	.4
BIOL	200*	Principles of Organismal and Population Biology . . . . .	.4
BIOL	201*	Principles of Cell and Molecular Biology .4	
BIOL	212	Neurobiology and Cognitive Science (PSY) . . . . .	.3
BIOL	213	Sex, Germs and Diseases . . . . .	.3
BIOL	215*	Animal Diversity . . . . .	.4
BIOL	217*	Medical Microbiology . . . . .	.4
BIOL	331	Biotechnology in the Twenty-First Century (BUS) . . . . .	.3
BIOL	332	Cancer and Society . . . . .	.3
BIOL	333	Emerging Public Health Issues . . . . .	.3
BIOL	334*	Natural History of Ventura County . . . . .	.3
BIOL	335	The Biosphere . . . . .	.3
BIOL	431	Bioinformatics . . . . .	.4
BIOL	432	Principles of Epidemiology and Environmental Health . . . . .	.3
BIOL	433*	Ecology and the Environment . . . . .	.4
ESRM	100	Introduction to Environmental Science and Resource Management . . . . .	.3

* Includes Lab

B-3 Mathematics - Mathematics and Applications

BIOL	203	Quantitative Methods for Biology . . . . .	.3
MATH	105	Pre-Calculus . . . . .	.4
MATH	108	Mathematical Thinking . . . . .	.3
MATH	137	Strategies and Game Design . . . . .	.3
MATH	140	Calculus for Business Applications . . . . .	.3
MATH	150	Calculus I . . . . .	.4
MATH	201	Elementary Statistics . . . . .	.3
MATH	202	Biostatistics (PSY) . . . . .	.3
MATH	208	Modern Mathematics for Elementary Teaching I - Numbers and Problem Solving . . . . .	.3
MATH	230	Logic and Mathematical Reasoning . . . . .	.3
MATH	329	Statistics for Business and Economics . . . . .	.3
MATH	330	Mathematics and Fine Arts . . . . .	.3
MATH	331	History of Mathematics . . . . .	.3
MATH	430	Research Design and Data Analysis . . . . .	.3
MATH	437	Math for Games, Simulations, and Robotics . . . . .	.3
MATH	438	Philosophy of Mathematics . . . . .	.3
MATH	448	Scientific Computing . . . . .	.3
POLS	303	Statistical Applications in the Social Sciences (PSY/SOC) . . . . .	.4

B-4 Computers and Information Technology

BIOL	203	Quantitative Methods for Biology . . . . .	.3
BIOL	431	Bioinformatics . . . . .	.4
CHEM	305	Computer Applications in Chemistry . . . . .	.1
COMP	101	Computer Literacy . . . . .	.3
COMP	102	Web Development . . . . .	.3
COMP	105	Computer Programming Introduction . . . . .	.3
COMP	110	Computer Literacy for Educators (LS) . . . . .	.3
COMP	150	Object-Oriented Programming . . . . .	.4
COMP	337	Survey of Computer Gaming . . . . .	.3
COMP	345	Digital Image Processing (MATH/PHYS) .3	
COMP	437	Foundations of Computer Game Development . . . . .	.3
COMP	445	Image Analysis and Pattern Recognition (MATH/PHYS) . . . . .	.3

COMP	447	Societal Issues in Computing . . . . .	.3
ESRM	328	Introduction to Geographic Information Systems . . . . .	.3
MATH	448	Scientific Computing . . . . .	.3

Category C: Art, Literature, Languages, and Cultures - 12 units

The courses in this category enable students to develop a basic appreciation of the human imagination and understand the value of personal creativity in a complex, global society. Exposure to a diverse range of work in art, literature, languages, and cultures cultivates the student's ability to express intellectual and emotional responses and make subjective and objective evaluations. Awareness of diverse cultural contributions, in both historical and contemporary work, stresses the interrelationship between individual aesthetics and collective human sensibility. Numerous teaching methodologies involve active participation in the creative experience, leading to personal inquiries into the cultural diversity prevalent in the visual, literary, audible, kinetic, and oral traditions of human expression.

Students must take one course in each subcategory.

C-1 Art

ART	100	Understanding Fine Arts Processes . . . . .	.3
ART	101	What is Art? . . . . .	.3
ART	102	Multicultural Children's Art . . . . .	.3
ART	110	Prehistoric Art to the Middle Ages . . . . .	.3
ART	111	Renaissance to Modern Art . . . . .	.3
ART	112	Art of the Eastern World . . . . .	.3
ART	208	The Physics of Art and Visual Perception (PHYS) . . . . .	.3
ART	220	The Art and Design of Rock and Roll . . . . .	.3
ART	231	The Beatles: Music, Fashion, and Culture (PAMU) . . . . .	.3
ART	330	Critical Thinking in a Visual World . . . . .	.3
ART	331	Art, Society, and Mass Media (COMM) .3	
ART	332	Multicultural Art Movements . . . . .	.3
ART	334	The Business of Art (BUS) . . . . .	.3
ART	336	Art and Music: Dissonance, Diversity and Continuity (PAMU) . . . . .	.3
ART	337	Art on Film and Film as Art . . . . .	.3
ART	338	Psychology of Art and Artists (PSY) . . . . .	.3
ART	351	The Baroque Eye: Art, Culture, Money, and Power . . . . .	.3
ART	352	Visual Canons of the Ancient World . . . . .	.3
ART	353	Medieval World: Spirituality and Representation . . . . .	.3
ART	431	European Renaissance Literature and Art (ENGL) . . . . .	.3
ART	432	Arts of the Harlem Renaissance (ENGL/PAMU) . . . . .	.3
ART	433	Women in the Arts . . . . .	.3
ART	434	The Museum: Culture, Business and Education (BUS/EDUC) . . . . .	.3
ART	435	Postmodern Visual Culture . . . . .	.3
ART	436	Modern Art . . . . .	.3
ART	451	Diversity in the Visual Arts . . . . .	.3
BUS	335	Business and the Performing Arts (PA) . . . . .	.3
EDUC	343	Teaching Drama to Children (PATH) . . . . .	.3
HIST	332	Dance in History (PADA) . . . . .	.3
HIST	337	Music in History (PAMU) . . . . .	.3
HIST	338	Theatre in History (PATH) . . . . .	.3
PA	101	Introduction to the Performing Arts . . . . .	.3

PA	202	Integrating Dance, Music and Theatre . . .	.3	SPAN	202	Intermediate Spanish II . . . . .	.4
PA	350	Audience and Performance Studies . . .	.3	SPAN	211	Spanish for Heritage Speakers I . . . .	.4
PA	360	Musical Theatre . . . . .	.3	SPAN	212	Spanish for Heritage Speakers II . . . .	.4
PADA	254	Modern Dance I . . . . .	.2	SPAN	301	Advanced Spanish: Part One . . . . .	.3
PAMU	100	Music Appreciation . . . . .	.3	SPAN	302	Advanced Spanish: Part Two . . . . .	.3
PAMU	200	History of Rock . . . . .	.3				
PAMU	307	University Chorus . . . . .	.1	C-3b Multicultural			
PAMU	308	University Orchestra . . . . .	.1	ANTH	102	Cultural Anthropology . . . . .	.3
PAMU	330	Jazz in America . . . . .	.3	ANTH	323	Native Americans of California to the 1850s . . . . .	.3
PAMU	332	World Music . . . . .	.3	ART	101	What is Art? . . . . .	.3
PAMU	333	The Varieties of Musical Experience . . .	.3	ART	102	Multicultural Children's Art . . . . .	.3
PAMU	335	The Physics of Music (PHYS) . . . . .	.3	ART	112	Art of the Eastern World . . . . .	.3
PATH	280	Acting I . . . . .	.3	ART	332	Multicultural Art Movements . . . . .	.3
				ART	333	History of Southern California Chicana/o Art (CHS/HIST) . . . . .	.3
C-2 Literature Courses				ART	335	American Ethnic Images in Novels, Film, and Art (ENGL/HIST) . . . . .	.3
ART	335	American Ethnic Images in Novels, Film, and Art (ENGL/HIST) . . . . .	.3	ART	435	Postmodern Visual Culture . . . . .	.3
ART	431	European Renaissance Literature and Art (ENGL) . . . . .	.3	ART	451	Diversity in the Visual Arts . . . . .	.3
ART	432	Arts of the Harlem Renaissance (ENGL/PAMU) . . . . .	.3	CHS	100	Chicana/os in Contemporary Society . .	.3
BUS	340	Business and Economics in Literature (ECON/ENGL) . . . . .	.3	CHS	200	Diversity in Latina/o Communities . . .	.3
COMM	336	Multicultural Literature and Communication (ENGL) . . . . .	.3	CHS	331	Transborder Perspectives in Chicana/o Studies . . . . .	.3
ECON	331	Narratives of the Working Class (ENGL/HIST/POLS/SOC) . . . . .	.3	CHS	343	Health Issues in the Latina/o Community (NRS) . . . . .	.3
ENGL	110	Themes in Multicultural Literature for Non-Majors . . . . .	.3	CHS	445	Chicano Child and Adolescent (EDUC/HIST) . . . . .	.4
ENGL	120	American Literature I . . . . .	.3	COMM	321	Cultural Conversations . . . . .	.3
ENGL	150	British and European Literature I . . . .	.3	EDUC	512	Equity, Diversity and Foundations of Schooling . . . . .	.3
ENGL	210	Themes in World Literature . . . . .	.3	ENGL	110	Themes in Multicultural Literature for Non-Majors . . . . .	.3
ENGL	220	American Literature II . . . . .	.3	ENGL	333	Multicultural Drama and Theatre (PATH)	.3
ENGL	250	British and European Literature II . . . .	.3	ENGL	349	Perspectives on Multicultural Literature .	.3
ENGL	332	Teaching Dramatic Literature (PATH) . . .	.3	ENGL	354	Studies in Cultural Literatures. . . . .	.3
ENGL	333	Multicultural Drama and Theatre (PATH)	.3	ENGL	430	Tradition and Transformation: Literature, History, and Cultural Change (HIST) . . .	.3
ENGL	334	Narratives of Southern California (HIST)	.3	GLST	435	Global Cities . . . . .	.3
ENGL	337	Literature of the Environment . . . . .	.3	HIST	337	Music in History (PAMU) . . . . .	.3
ENGL	338	Science and Conscience (PHYS) . . . . .	.3	HIST	338	Theatre in History (PATH) . . . . .	.3
ENGL	339	Psychology and Literature (PSY) . . . . .	.3	HIST	351	History of African Americans . . . . .	.3
ENGL	341	Modern American Drama and Theatre (PATH) . . . . .	.3	NRS	342	Complementary and Alternative Health (PSY) . . . . .	.3
ENGL	342	Modern British and European Drama and Theatre (PATH) . . . . .	.3	PAMU	330	Jazz in America . . . . .	.3
ENGL	344	World Drama and Theatre (PATH) . . . . .	.3	PAMU	332	World Music . . . . .	.3
ENGL	349	Perspectives on Multicultural Literature .	.3	PATH	334	Spanish Language Drama and Theatre (SPAN) . . . . .	.3
ENGL	354	Studies in Cultural Literatures. . . . .	.3	POLS	306	The Politics of Race and Ethnicity . . . .	.3
ENGL	433	Gay/Lesbian/Bisexual/Transgender Studies (GEND) . . . . .	.3	POLS	330	Political Sociology (SOC) . . . . .	.3
ENGL	444	Original Practice in Renaissance Drama (PATH) . . . . .	.3	PSY	344	Psychology and Traditional Asian Thought . . . . .	.3
PATH	334	Spanish Language Drama and Theatre (SPAN) . . . . .	.3	SPAN	201	Intermediate Spanish I . . . . .	.4
				SPAN	202	Intermediate Spanish II . . . . .	.4
C-3a Language				SPAN	211	Spanish for Heritage Speakers I . . . .	.4
ARAB	101	Elementary Arabic I . . . . .	.4	SPAN	212	Spanish for Heritage Speakers II . . . .	.4
ARAB	102	Elementary Arabic II . . . . .	.4	UNIV	150	First Year Seminar . . . . .	.4
ASL	101	American Sign Language I . . . . .	.3	UNIV	392	International Experience	1-3
ASL	102	American Sign Language II . . . . .	.3				
CHIN	101	Elementary Chinese I . . . . .	.4				
CHIN	102	Elementary Chinese II . . . . .	.4				
SPAN	101	Elementary Spanish I . . . . .	.4				
SPAN	102	Elementary Spanish II . . . . .	.4				
SPAN	201	Intermediate Spanish I . . . . .	.4				

Category D: Social Perspectives
12 units

The courses in this category enhance student knowledge of the complex cultural and institutional world in which people live. Each course examines relationships between various cultures and institutions that shape our social, economic, psychological, and political realities. Using the lenses of the social sciences, students gain insight and understanding of the social, political, historical, economic, educational or behavioral aspects of world cultures and systems, including the ways in which these interact and influence each other.

Students must select a minimum of three courses 12 units, each course in a different social science discipline.

ANTH	102	Cultural Anthropology . . . . .	.3
ANTH	105	Introduction to Archeology . . . . .	.3
ANTH	106	Culture and Communication: Introduction to Linguistic Anthropology . . . . .	.3
ANTH	310	Civilization of an Ancient Landscape: World Archaeology . . . . .	.3
ANTH	323	Native Americans of California to the 1850s . . . . .	.3
ANTH	327	Oral History and Community . . . . .	.3
ANTH	332	Human Ecology (ESRM) . . . . .	.3
ANTH	442	The African Diaspora (HIST) . . . . .	.3
ANTH	443	Medical Anthropology: Cross-Cultural Perspectives on Health and Healing . . . . .	.3
ANTH	444	Values and Valuables (ECON) . . . . .	.3
ART	331	Art, Society, and Mass Media (COMM) . . . . .	.3
ART	333	History of Southern California Chicana/o Art (CHS/HIST) . . . . .	.3
ART	334	The Business of Art (BUS) . . . . .	.3
ART	336	Art and Music: Dissonance, Diversity and Continuity (PAMU) . . . . .	.3
ART	337	Art on Film and Film as Art . . . . .	.3
ART	433	Women in the Arts . . . . .	.3
ART	434	The Museum: Culture, Business and Education (BUS/EDUC) . . . . .	.3
BIOL	326	Scientific and Professional Ethics (MGT) . . . . .	.3
BIOL	331	Biotechnology in the Twenty-First Century (BUS) . . . . .	.3
BIOL	332	Cancer and Society . . . . .	.3
BIOL	342	The Zoo: Conservation, Education and Recreation (BUS/ECON/EDUC) . . . . .	.3
BIOL	345	Science and Public Policy (POLS) . . . . .	.3
BIOL	432	Principles of Epidemiology and Environmental Health . . . . .	.3
BUS	203	Introduction to Social Business (ECON/SOC) . . . . .	.3
BUS	333	Nonprofit Organizations (COMM/ECON/POLS) . . . . .	.3
BUS	336	Social Entrepreneurship (SOC) . . . . .	.3
BUS	339	Business in China: Heritage and Culture (HIST) . . . . .	.3
BUS	340	Business and Economics in Literature (ECON/ENGL) . . . . .	.3
BUS	341	Drug Discovery and Development (CHEM/ECON) . . . . .	.3
BUS	344	The Library: Collections, Services and Instruction (ECON/EDUC/LIB) . . . . .	.3
BUS	347	The University (ECON/EDUC) . . . . .	.3

BUS	349	History of Business and Economics in North America (ECON/HIST) . . . . .	.3
BUS	435	The Music Museum (ECON/EDUC/PAMU) . . . . .	.3
BUS	448	Globalization and Development (ECON/SOC) . . . . .	.3
CHS	100	Chicana/os in Contemporary Society . . . . .	.3
CHS	200	Diversity in Latina/o Communities . . . . .	.3
CHS	292	Chicana/o Studies Service Learning and Civic Engagement . . . . .	.3
CHS	331	Transborder Perspectives in Chicana/o Studies . . . . .	.3
CHS	402	Southern California Chicana/o History and Culture (HIST) . . . . .	.3
CHS	445	Chicano Child and Adolescent (EDUC/HIST) . . . . .	.4
COMM	211	Discerning Information in an Interconnected World (LIB) . . . . .	.3
COMM	335	Politics and Film (POLS) . . . . .	.3
COMM	340	Conflict Management and Mediation . . . . .	.3
COMM	345	Media Literacy and Youth Culture (EDUC) . . . . .	.3
COMM	430	Political Communication (POLS) . . . . .	.3
COMM	441	Health Communication (NRS) . . . . .	.3
COMM	443	Environmental Communication (ESRM) . . . . .	.3
COMP	447	Societal Issues in Computing . . . . .	.3
ECON	110	Principles of Microeconomics . . . . .	.3
ECON	111	Principles of Macroeconomics . . . . .	.3
ECON	203	Introduction to Social Business (SOC) . . . . .	.3
ECON	331	Narratives of the Working Class (ENGL/HIST/POLS/SOC) . . . . .	.3
ECON	343	Capital Theory (FIN) . . . . .	.3
ECS	101	Introduction to Early Childhood Education . . . . .	.3
EDUC	101	Introduction to Elementary Schooling . . . . .	.3
EDUC	320	Education in Modern Society . . . . .	.3
EDUC	330	Introduction to Secondary Schooling . . . . .	.3
EDUC	431	Education Policy and Politics (POLS) . . . . .	.3
ENGL	334	Narratives of Southern California (HIST) . . . . .	.3
ENGL	337	Literature of the Environment . . . . .	.3
ENGL	339	Psychology and Literature (PSY) . . . . .	.3
ENGL	430	Tradition and Transformation: Literature, History, and Cultural Change (HIST) . . . . .	.3
ENGL	433	Gay/Lesbian/Bisexual/Transgender Studies (GEND) . . . . .	.3
ESRM	100	Introduction to Environmental Science and Resource Management . . . . .	.3
ESRM	105	Environmental Issues in Geography (GEOG) . . . . .	.3
ESRM	340	Politics and the Environment (POLS) . . . . .	.3
ESRM	341	The National Park (POLS) . . . . .	.3
ESRM	342	Environmental History (HIST) . . . . .	.3
ESRM	440	Population Studies (SOC) . . . . .	.3
GEOG	201	Culture and Historical Geography of the World . . . . .	.3
GLST	200	Introduction to Global Studies . . . . .	.3
GLST	435	Global Cities . . . . .	.3
HIST	211	World Civilizations: Origins to 1500 . . . . .	.3
HIST	212	World Civilizations: Since 1500 . . . . .	.3
HIST	280	The Historian's Craft . . . . .	.3
HIST	340	History and Psychology of Nazi Germany (PSY) . . . . .	.3

HIST	360	History of Colonial Latin America . . . . .	.3	PHED	102	Seminar in Traditional Martial Arts: Tai Ji .1	
HIST	361	History of Modern Latin America . . . . .	.3	PHED	105	Zen of Surfing . . . . .	.1
HIST	365	Themes in World History . . . . .	.3	PHED	110	Wellness . . . . .	.2
HIST	412	Law and Society . . . . .	.3	PHED	208	Introduction to Kinesiology . . . . .	.3
HIST	413	World Religions and Classical Philosophies . . . . .	.3	PHED	302	Motor Learning, Fitness and Development in Children . . . . .	.2
HIST	436	Psychology and History of East Asian Warrior Cultures (PSY) . . . . .	.3	PSY	100	Introduction to Psychology . . . . .	.3
HIST	451	History of Africa Since 1800 . . . . .	.3	PSY	210	Learning, Cognition and Development . . . . .	.3
HIST	452	History of Southern Africa Since 1600 . . . . .	.3	PSY	213	Developmental Psychology . . . . .	.3
MATH	331	History of Mathematics . . . . .	.3	PSY	220	Human Sexual Behavior . . . . .	.3
NRS	348	Healthy Aging (PSY/SOC) . . . . .	.3	PSY	344	Psychology and Traditional Asian Thought . . . . .	.3
POLS	102	Comparative Government . . . . .	.3	PSY	345	Individuals with Disabilities in Society (SPED) . . . . .	.3
POLS	103	Introduction to International Politics . . . . .	.3	PSY	346	Human Motivation . . . . .	.3
POLS	328	United States Foreign Policy . . . . .	.3	PSY	432	Seminar in Leadership . . . . .	.3
POLS	330	Political Sociology (SOC) . . . . .	.3	PSY	445	Adolescent Development . . . . .	.3
POLS	334	Peace Studies . . . . .	.3				
PSY	100	Introduction to Psychology . . . . .	.3				
PSY	213	Developmental Psychology . . . . .	.3				
PSY	333	Measurement and Testing of Groups and Individuals . . . . .	.3				
PSY	337	Psychological Ethics and Moral Philosophy . . . . .	.3				
PSY	345	Individuals with Disabilities in Society (SPED) . . . . .	.3				
PSY	432	Seminar in Leadership . . . . .	.3				
PSY	445	Adolescent Development . . . . .	.3				
SOC	100	Introduction to Sociology . . . . .	.3				
SOC	201	Social Problems . . . . .	.3				

Category E: Human Psychological and Physiological Perspectives - 3 units

The courses in this category enhance students' awareness and understanding of themselves as both psychological and physiological beings. These courses promote this awareness by focusing on issues such as human development, human sexuality, human behavior and psychology, health, nutrition, physical activity, and death and dying. The perspective is that humans, as physiological and psychological beings, must relate to others in a physical and social environment.

Students must complete at least one course to satisfy Category E. Courses that are primarily physical activity courses may satisfy no more than 1 unit of the 3 unit requirement.

ART	338	Psychology of Art and Artists (PSY) . . . . .	.3	ANTH	332	Human Ecology (ESRM) . . . . .	.3
BIOL	212	Neurobiology and Cognitive Science (PSY) . . . . .	.3	ANTH	345	Human Evolution and Diversity . . . . .	.3
BIOL	213	Sex, Germs and Diseases . . . . .	.3	ANTH	442	The African Diaspora (HIST) . . . . .	.3
BIOL	333	Emerging Public Health Issues . . . . .	.3	ANTH	443	Medical Anthropology: Cross-Cultural Perspectives on Health and Healing . . . . .	.3
BIOL	434	Introduction to Biomedical Imaging (HLTH/PHYS) . . . . .	.4	ANTH	444	Values and Valuables (ECON) . . . . .	.3
HIST	340	History and Psychology of Nazi Germany (PSY) . . . . .	.3	ART	330	Critical Thinking in a Visual World . . . . .	.3
HIST	436	Psychology and History of East Asian Warrior Cultures (PSY) . . . . .	.3	ART	331	Art, Society, and Mass Media (COMM) . . . . .	.3
HLTH	322	Health Issues in Education . . . . .	.2	ART	332	Multicultural Art Movements . . . . .	.3
NRS	342	Complementary and Alternative Health (PSY) . . . . .	.3	ART	333	History of Southern California Chicana/o Art (CHS/HIST) . . . . .	.3
NRS	348	Healthy Aging (PSY/SOC) . . . . .	.3	ART	334	The Business of Art (BUS) . . . . .	.3
PADA	151	Conditioning for Dancers . . . . .	.2	ART	335	American Ethnic Images in Novels, Film, and Art (ENGL/HIST) . . . . .	.3
PADA	253	Jazz Dance I . . . . .	.2	ART	336	Art and Music: Dissonance, Diversity and Continuity (PAMU) . . . . .	.3
PADA	254	Modern Dance I . . . . .	.2	ART	337	Art on Film and Film as Art . . . . .	.3
				ART	338	Psychology of Art and Artists (PSY) . . . . .	.3
				ART	431	European Renaissance Literature and Art (ENGL) . . . . .	.3
				ART	432	Arts of the Harlem Renaissance (ENGL/PAMU) . . . . .	.3
				ART	433	Women in the Arts . . . . .	.3
				ART	434	The Museum: Culture, Business and Education (BUS/EDUC) . . . . .	.3
				ART	435	Postmodern Visual Culture . . . . .	.3
				ART	436	Modern Art . . . . .	.3
				BIOL	331	Biotechnology in the Twenty-First Century (BUS) . . . . .	.3
				BIOL	332	Cancer and Society . . . . .	.3
				BIOL	333	Emerging Public Health Issues . . . . .	.3
				BIOL	334	Natural History of Ventura County . . . . .	.3
				BIOL	335	The Biosphere . . . . .	.3
				BIOL	342	The Zoo: Conservation, Education and Recreation (BUS/ECON/EDUC) . . . . .	.3
				BIOL	345	Science and Public Policy (POLS) . . . . .	.3

BIOL	431	Bioinformatics . . . . .	.4	ENGL	332	Teaching Dramatic Literature (PATH) . . . . .	.3
BIOL	432	Principles of Epidemiology and Environmental Health . . . . .	.3	ENGL	333	Multicultural Drama and Theatre (PATH) . . . . .	.3
BIOL	433	Ecology and the Environment . . . . .	.4	ENGL	334	Narratives of Southern California (HIST) . . . . .	.3
BIOL	434	Introduction to Biomedical Imaging (HLTH/PHYS) . . . . .	.4	ENGL	337	Literature of the Environment . . . . .	.3
BUS	333	Nonprofit Organizations (COMM/ECON/POLS) . . . . .	.3	ENGL	338	Science and Conscience (PHYS) . . . . .	.3
BUS	335	Business and the Performing Arts (PA) . . . . .	.3	ENGL	339	Psychology and Literature (PSY) . . . . .	.3
BUS	336	Social Entrepreneurship (SOC) . . . . .	.3	ENGL	341	Modern American Drama and Theatre (PATH) . . . . .	.3
BUS	339	Business in China: Heritage and Culture (HIST) . . . . .	.3	ENGL	342	Modern British and European Drama and Literature (PATH) . . . . .	.3
BUS	340	Business and Economics in Literature (ECON/ENGL) . . . . .	.3	ENGL	344	World Drama and Theatre (PATH) . . . . .	.3
BUS	341	Drug Discovery and Development (CHEM/ECON) . . . . .	.3	ENGL	349	Perspectives on Multicultural Literature . . . . .	.3
BUS	344	The Library: Collections, Services and Instruction (ECON/EDUC/LIB) . . . . .	.3	ENGL	430	Tradition and Transformation: Literature, History, and Cultural Change (HIST) . . . . .	.3
BUS	347	The University (ECON/EDUC) . . . . .	.3	ENGL	433	Gay/Lesbian/Bisexual/Transgender Studies (GEND) . . . . .	.3
BUS	349	History of Business and Economics in North America (ECON/HIST) . . . . .	.3	ENGL	444	Original Practice in Renaissance Drama (PATH) . . . . .	.3
BUS	435	The Music Museum (ECON/EDUC/ PAMU) . . . . .	.3	ESRM	340	Politics and the Environment (POLS) . . . . .	.3
BUS	448	Globalization and Development (ECON/SOC) . . . . .	.3	ESRM	341	The National Park (POLS) . . . . .	.3
CHEM	330	The History of Science: NonWestern Origins and the Western Revolution (HIST) . . . . .	.3	ESRM	342	Environmental History (HIST) . . . . .	.3
CHEM	335	The Chemistry of the Kitchen . . . . .	.3	ESRM	440	Population Studies (SOC) . . . . .	.3
CHEM	343	Forensic Science . . . . .	.3	GLST	435	Global Cities . . . . .	.3
CHEM	344	Energy and Society (PHYS) . . . . .	.3	HIST	332	Dance in History (PADA) . . . . .	.3
CHS	331	Transborder Perspectives in Chicana/o Studies . . . . .	.3	HIST	337	Music in History (PAMU) . . . . .	.3
CHS	343	Health Issues in the Latina/o Community (NRS) . . . . .	.3	HIST	338	Theatre in History (PATH) . . . . .	.3
CHS	445	Chicano Child and Adolescent (EDUC/HIST) . . . . .	.4	HIST	340	History and Psychology of Nazi Germany (PSY) . . . . .	.3
COMM	335	Politics and Film (POLS) . . . . .	.3	HIST	436	Psychology and History of East Asian Warrior Cultures (PSY) . . . . .	.3
COMM	336	Multicultural Literature and Communication (ENGL) . . . . .	.3	MATH	330	Mathematics and Fine Arts . . . . .	.3
COMM	340	Conflict Management and Mediation . . . . .	.3	MATH	331	History of Mathematics . . . . .	.3
COMM	345	Media Literacy and Youth Culture (EDUC) . . . . .	.3	MATH	430	Research Design and Data Analysis . . . . .	.3
COMM	346	School Communication (EDUC) . . . . .	.3	MATH	437	Math for Games, Simulations, and Robotics . . . . .	.3
COMM	430	Political Communication (POLS) . . . . .	.3	MATH	438	Philosophy of Mathematics . . . . .	.3
COMM	441	Health Communication (NRS) . . . . .	.3	MATH	448	Scientific Computing . . . . .	.3
COMM	442	Organizational Communication . . . . .	.3	NRS	342	Complementary and Alternative Health (PSY) . . . . .	.3
COMM	443	Environmental Communication (ESRM) . . . . .	.3	NRS	348	Healthy Aging (PSY/SOC) . . . . .	.3
COMP	337	Survey of Computer Gaming . . . . .	.3	PA	436	Physics of Performing Arts (PHYS) . . . . .	.3
COMP	345	Digital Image Processing (MATH/PHYS) . . . . .	.3	PAMU	330	Jazz in America . . . . .	.3
COMP	437	Foundation of Computer Game Development . . . . .	.3	PAMU	332	World Music . . . . .	.3
COMP	445	Image Analysis and Pattern Recognition (MATH/PHYS) . . . . .	.3	PAMU	333	The Varieties of Musical Experience . . . . .	.3
COMP	447	Societal Issues in Computing . . . . .	.3	PAMU	335	The Physics of Music (PHYS) . . . . .	.3
ECON	331	Narratives of the Working Class (ENGL/HIST/POLS/SOC) . . . . .	.3	PATH	334	Spanish Language Drama and Theatre (SPAN) . . . . .	.3
ECON	343	Capital Theory (FIN) . . . . .	.3	PHYS	448	Team Based Research . . . . .	.3
EDUC	330	Introduction to Secondary Schooling . . . . .	.3	POLS	330	Political Sociology (SOC) . . . . .	.3
EDUC	343	Teaching Drama to Children (PATH) . . . . .	.3	POLS	334	Peace Studies . . . . .	.3
EDUC	431	Education Policy and Politics (POLS) . . . . .	.3	PSY	333	Measurement and Testing of Groups and Individuals . . . . .	.3
ENGL	330	Interdisciplinary Writing . . . . .	.3	PSY	337	Psychological Ethics and Moral Philosophy . . . . .	.3
				PSY	344	Psychology and Traditional Asian Thought . . . . .	.3
				PSY	345	Individuals with Disabilities in Society (SPED) . . . . .	.3
				PSY	346	Human Motivation . . . . .	.3
				PSY	432	Seminar in Leadership . . . . .	.3
				PSY	445	Adolescent Development . . . . .	.3