

SAN DIEGO CITY COLLEGE

2024–2025 CATALOG

FIRST ADDENDA/ERRATA

Fall 2024, Spring 2025, Summer 2025

The following is added to/replaces the information on page 3:

Board of Trustees

Bernie Rhinerson
President

Mary Graham
Executive Vice President

Geysil Arroyo
Vice President for Public Health Advocacy

Craig Milgrim
Vice President for Diversity, Equity, and Inclusion

Maria Nieto Senour, Ph.D.
Vice President for Legislative Advocacy

Student Members 2024–2025

*The Associated Student Government (ASG) elections are held at the end of the Spring semester. The ASG Presidents **Associated Student Presidents at from City, Mesa, and Miramar, and Continuing Education colleges along with the Associated Student Body (ASB) President from College of Continuing Education** serve as the student members of the Board of Trustees. will collectively serve as the Student Trustee and sit at the Board of Trustees meetings on a rotating basis. The Associated Student Presidents, who take on the role of Student Trustee, are voted by the student body to serve yearly terms commencing June 1 through May 31.*

Chancellor and Secretary to the Board

Gregory Smith

District Administration

Gregory Smith
Chancellor

Nancy Lane Daniel Troy
Acting Vice Chancellor, Finance and Business Services

Aimee Gallagher, J.D. Jared Burns, Ph.D., J.D.
Acting Vice Chancellor, People, Culture, and Technology Services

Susan Topham, Ed.D.
Vice Chancellor, Educational Services

Joel L.A. Peterson, Ph.D.
Vice Chancellor, Operations, Enterprise Services, and Facilities

Michelle Fischthal, DBA
Vice Chancellor, Institutional Innovation and Effectiveness

Laurie Coskey, Ed.D.
Vice Chancellor, Development and Entrepreneurship

Jack Beresford
Director, Communications and Public Relations

Margaret Lamb
Executive Assistant to the Chancellor **Director, Chancellor's Office Operations**



San Diego Community College District Board of Trustees: (from left, back row) Geysil Arroyo, Mary Graham and Craig Milgrim (front row) Bernie Rhinerson and Maria Nieto Senour

The following information is added to/replaces the information listed on page 91 in the 2024-2025 catalog.

Title IX Coordinator:

Poppy Fitch, Ed.D.
Director, Disability Support Programs and Services,
Title IX Coordinator
titleix@sdccd.edu
619-388-6983

Add:

Amber Eckert
Title IX Coordinator
titleix@sdccd.edu
619-388-6660

Deputy Title IX Coordinators:

Remove:

San Diego City College (M-200)

Adan Sanchez
Interim Dean of Student Affairs
asanchez003@sdccd.edu
(619) 388-3981

Add:

San Diego City College (A-222)

Marciano Perez
Vice President, Student Services
mperez@sdccd.edu
619-388-3981

San Diego Mesa College (I4-408)

Victoria Miller
Dean of Student Affairs
vmiller@sdccd.edu
(619) 388-2699

San Diego Miramar College (K1-210)

Cheryl Barnard, Ph.D.
Dean of Student Affairs
cbarnard@sdccd.edu
(619) 388-7313

**San Diego Continuing Education
(Rm 104, Educational Cultural Complex (ECC))**

Michele Madrid Novak, M.Ed.
Student Affairs Coordinator
mnovak@sdccd.edu
(619) 388-4850

The following is added to/replaces the information on page 103:

3. Exercise Science Activity

Students must complete two activity courses. Exercise Science courses numbered below PHYE 240 or below EXSC 229 are acceptable. Dance courses are also acceptable, except for DANC 181, 183 and 253. Administration of Justice 127A, 127B, 127C, 127D, 128A, 128B, 128C, 128D, **260**, 323A, 381 and 382 are also acceptable. Fire Protection Technology 100D, 150A, 150B, 160, 360A, 380W, 381F are also acceptable. Students with physical conditions which prevent participation in regular exercise science activity classes must file a physician's statement with the College Evaluations Office. Adapted Exercise Science classes are available. A Physician's medical release form is required.

Note: This requirement is waived for students who possess an accredited Fire Fighter I certification or are graduates of a POST Commission certified regional law enforcement academy. U.S. Veterans and active duty U.S. military personnel may be granted two units of college credit to fulfill the Exercise Science Activity requirement if service has been continuous for at least six months. Copies of form DD-214 or DD-295 or Joint Services Transcript (JST) or CCAF Transcript covering all periods of military service must be on file in the Records Office.

The following is added to/replaces the information on page 103-104:

4. Multicultural Studies

Students may satisfy the District multicultural studies graduation requirement by satisfactorily completing a course related to the culture of one or more of the ethnic groups which are represented in American society. The course shall include a focus on the role of men and women in the origin, development, and current status of these cultures.

Note: Each student seeking the Associate Degree must complete a three-unit multicultural studies course selected from the general education courses marked with a ^ indicating that it meets the Multicultural Requirement. The three units may be applied to the 18 units required in general education.

This requirement is met by completing one of the following courses (these courses are also on the District General Education list).

^ AAPI 124	Introduction to Asian American and Pacific Islander Studies (C,M,MMR)	^ CHIC 141B	United States History from a Chicano Perspective (C,M,MMR)
^ AAPI 125	Asian American and Pacific Islander Identities and Cultures (M)	^ CHIC 155	Introduction to Central American Studies (M)
^ AAPI 130	Asian American and Pacific Islander Women (M)	^ CHIC 190	Chicano Images in Film (C,M)
^ ADJU 106	Diversity and Community Relations (MMR)	^ CHIC 210	Chicano Culture (C,M)
^ AMSL 150	Introduction to Deaf Culture (M)	^ CHIC 250	Introduction to Chicana/o Dramatic Art (C,M)
^ ANTH 103	Introduction to Cultural Anthropology (C,M,MMR)	^ CHIL 141	The Child, Family and Community (C,M,MMR)
^ ANTH 200	Introduction to North American Indians (M)	^ COMS 180	Intercultural Communication (C,M,MMR)
^ ANTH 210	Introduction to the Indigenous People of California (C,M)	^ DRAM 109	Theatre and Social Issues (C,M)
^ ARTF 113	Arts of Africa, Oceania, and the Americas (M,MMR)	^ ENGL 202	Introduction to Linguistics (C,M)
^ ARTF 115	African Art (C,M)	^ ENGL 230	Asian American Literature (M,MMR)
^ ARTF 120	Native American Art (M)	^ ENGL 234	Hip Hop Literature: A Poetry Class (C,M,MMR)
^ BLAS 100	Introduction to Black Studies (C,M,MMR)	^ FASH 122	Ethnic Costume (M)
^ BLAS 104	Black Psychology (C,M,MMR)	^ FILI 100	Filipino American Experience (M,MMR)
^ BLAS 110	African American Art (C,M)	^ FILI 101	Filipino American Psychology (MMR)
^ BLAS 111	Cultural Influences on African Art (M)	^ GEND 101	Introduction to Gender Studies (C,MMR)
^ BLAS 115	Sociology from a Black Perspective (C)	^ GEOG 102	Cultural Geography (C,M,MMR)
^ BLAS 116	Contemporary Social Problems from a Black Perspective (C,M)	^ HIST 115A	History of the Americas I (C,M,MMR)
^ BLAS 120	Black Music (C,M)	^ HIST 115B	History of the Americas II (C,M,MMR)
^ BLAS 125	Dynamics of the Black Community (M)	^ HIST 120	Introduction to Asian Civilizations (C,M,MMR)
^ BLAS 130	The Black Family (C,M)	^ HIST 121	Asian Civilizations in Modern Times (C,M,MMR)
^ BLAS 135	Introduction to Black Politics (C)	^ HIST 123	U.S. History from the Asian Pacific American Perspective (C,M,MMR)
^ BLAS 140A	African American History to Reconstruction (C,M,MMR)	^ HIST 130	The Modern Middle East (M)
^ BLAS 140B	African American History since Reconstruction to the Present (C,M,MMR)	^ HIST 150	Native Americans in United States History I (M)
^ BLAS 145A	Introduction to African History (C,M)	^ HIST 151	Native Americans in United States History II (M)
^ BLAS 145B	Introduction to African History (C)	^ INTE 125	History of Furniture and Interiors (M)
^ BLAS 150	Black Women in Literature, Film and the Media (C,M,MMR)	^ MUSI 109	World Music (C,M,MMR)
^ BLAS 155	African American Literature (C,M,MMR)	^ MUSI 217A	Gospel Choir I (MMR)
^ CHIC 110A	Introduction to Chicana and Chicano Studies (C,M,MMR)	^ MUSI 217B	Gospel Choir II (MMR)
^ CHIC 110B	Introduction to Chicano Studies (C,M)	^ MUSI 217C	Gospel Choir III (MMR)
^ CHIC 135	Chicana/o Literature (C,M,MMR)	^ MUSI 217D	Gospel Choir IV (MMR)
^ CHIC 140	Chicana/o Sociology (C,M)	^ NUTR 153	Cultural Foods (C,M)
^ CHIC 141A	United States History from a Chicano Perspective (C,M,MMR)	^ PHIL 125	Philosophy of Women (C,M)
		^ POLI 103	Comparative Politics (C,M,MMR)
		^ POLI 121	American Political Development (C,M,MMR)

- ^ POLI 140 Contemporary International Politics (C,M,MMR)
- ^ SOCO 101 Principles of Sociology (C,M,MMR)
- ^ SOCO 110 Contemporary Social Problems (C,M,MMR)
- ^ SOCO 125 Sociology of the Family (C,M)
- ^ SOCO 150 Sociology of Latinos/Latinas (C,M)
- ^ SOCO 207 Introduction to Race and Ethnicity (C,M,MMR)
- ^ SOCO 223 Globalization and Social Change (C,M,MMR)
- ^ WMNS 101 Introduction to Gender and Women's Studies (M)

The following is added to/replaces the information on page 106-114:

General Education Requirements (Option 4)

A minimum of 21 semester units (28 – 31.5 quarter units)

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- () Colleges in parenthesis indicate where the course is approved for General Education Requirements.
 C—City College
 M—Mesa College
 MMR—Miramar College
 - ^ Courses with a caret fulfill District multicultural studies graduation requirement.
 - * Courses with an asterisk may satisfy more than one district requirement and/or general education requirement.

Note: Courses may meet multiple requirements, including general education, a major or area of emphasis, and additional requirements. However, one course may not be counted in more than one general education area, even if the course is approved in multiple general education areas. Students may use the same course to meet a local general education requirement and to satisfy a general education requirement at the California State University or the University of California if that segment accepts the course for this purpose.

The following information is based on 2024–2025 course offerings and is subject to change. Please contact the Counseling Department for updates.

The State of California requires the completion of a minimum of 21 units of general education with at

least a 2.0 grade point average. One course must be selected from each of the following areas: English Composition; Oral Communication and Critical Thinking; Mathematical Concepts and Quantitative Reasoning; Arts and Humanities; Social and Behavioral Sciences; Natural Sciences; and Ethnic Studies.

English Composition, Oral Communication, and Critical Thinking

(minimum of 6 semester units/8 quarter units Including:

(1A) English Composition

(minimum of 3 semester/4 quarter units). Courses fulfilling this requirement must be baccalaureate-level and include expository and argumentative writing.

ENGL 101	Reading and Composition (C,M,MMR)
ENGL 105	Composition and Literature (C,M,MMR)

(1B) Oral Communication and Critical Thinking

(minimum of 3 semester / 4 quarter units)

COMS 103	Oral Communication (C,M,MMR)
COMS 135	Interpersonal Communication (C,M,MMR)
COMS 160	Argumentation and Critical Thinking (C,M,MMR)
COMS 170	Small Group Communication (C,M,MMR)
^ COMS 180	Intercultural Communication (C,M,MMR)
ENGL 205	Critical Thinking and Intermediate Composition (C,M,MMR)
HIST 205	Methodology and Practice in History (M)
PHIL 100	Logic and Critical Thinking (C,M,MMR)
PHIL 205	Critical Thinking and Writing (C,M,MMR)

(2) Mathematical Concepts and Quantitative Reasoning

(minimum of 3 semester / 4 quarter units).

BANK 103	Introduction to Investments (MMR)	MATH 115	Gateway to Experimental Statistics (C,MMR)
BIOL 200	Biological Statistics (M)	MATH 116	College and Matrix Algebra (C,M,MMR)
BUSE 101	Business Mathematics (C,M,MMR)	MATH 118	Math for the Liberal Arts Student (C,M,MMR)
BUSE 115	Statistics for Business (C,M,MMR)	MATH 119	Elementary Statistics (C,M,MMR)
CHEM 251	Quantitative Analytical Chemistry (C,M,MMR)	MATH 121	Basic Techniques of Applied Calculus I (C,M,MMR)
CISC 150	Introduction to Computer and Information Sciences (C,M)	MATH 122	Basic Techniques of Applied Calculus II (C,M,MMR)
CISC 181	Principles of Information Systems (C,M,MMR)	MATH 141	Precalculus (C,M,MMR)
CISC 187	Data Structures in C++ (C,M,MMR)	MATH 150	Calculus with Analytic Geometry I (C,M,MMR)
CISC 190	Java Programming (C,M,MMR)	MATH 151	Calculus with Analytic Geometry II (C,M,MMR)
CISC 192	C/C++ Programming (C,M,MMR)	MATH 210A	Concepts of Elementary School Mathematics I (C,M)
CISC 201	Advanced C++ Programming (C,M)	MATH 210B	Concepts of Elementary School Mathematics II (C,M)
CISC 205	Object Oriented Programming using C++ (C)	MATH 215	Introduction to Teaching Mathematics (M)
CISC 246	Discrete Mathematics for Computer Science (M,MMR)	MATH 245	Discrete Mathematics (C,M,MMR)
ECON 120	Principles of Macroeconomics (C,M,MMR)	MATH 252	Calculus with Analytic Geometry III (C,M,MMR)
ECON 121	Principles of Microeconomics (C,M,MMR)	MATH 254	Introduction to Linear Algebra (C,M,MMR)
ENGE 151	Engineering Drawing (C,M)	MATH 255	Differential Equations (C,M,MMR)
ENGE 200	Statics (C,M)	MFET 210	Statistical Process Control (C)
ENGE 240	Digital Systems (C,M)	MFET 220	Programmable Logic Controllers (C)
ENGE 250	Dynamics (C,M)	PHIL 101	Symbolic Logic (C,M,MMR)
ENGE 260	Electric Circuits (C,M)	PHYS 125	General Physics (C,M,MMR)
GISG 104	Geographic Information Science and Spatial Reasoning (C,M)	PHYS 126	General Physics II (C,M,MMR)
HEIT 256	Statistics for Healthcare (M)	PHYS 180A	General Physics I (C,MMR)
MATH 92	Applied Beginning and Intermediate Algebra (C,M,MMR). (City Apprenticeship Students Only)	PHYS 180B	General Physics II (C,MMR)
MATH 96	Intermediate Algebra and Geometry (C,M,MMR) (City Apprenticeship Students Only)	PHYS 195	Mechanics (C,M,MMR)
MATH 98	Technical Algebra and Geometry (C) (City Apprenticeship Students Only)	PHYS 196	Electricity and Magnetism (C,M,MMR)
MATH 104	Trigonometry (C,M,MMR)	PHYS 197	Waves, Optics and Modern Physics (C,M,MMR)
MATH 107	Introduction to Scientific Programming (C)	POLI 201	Elementary Statistics for Political Science (C,M)
MATH 107L	Introduction to Scientific Programming Lab (C)	PSYC 258	Behavioral Science Statistics (C,M,MMR)
MATH 109	Explorations in Mathematical Analysis (C)		

(3) Arts and Humanities

(minimum of 3 semester / 4 quarter units).

^	AAP1 124	Introduction to Asian American and Pacific Islander Studies (C,M, MMR)	CHIC 130	Mexican Literature in Translation (C,M)
	AMSL 120	American Sign Language Level I (C,M,MMR)	^ CHIC 135	Chicana/o Literature (C,M,MMR)
	AMSL 121	American Sign Language Level II (C,M,MMR)	CHIC 138	Literature of La Raza in Latin America in Translation (C,M)
	AMSL 220	American Sign Language Level III (C,M)	^ CHIC 190	Chicano Images in Film (C,M)
	AMSL 221	American Sign Language Level IV (C,M)	^* CHIC 210	Chicano Culture (C,M)
	ARAB 101	First Course in Arabic (C)	CHIC 230	Chicano Art (C,M)
	ARAB 102	Second Course in Arabic (C)	CHIN 101	First Course in Mandarin Chinese (M)
	ARAB 201A	Third Course in Arabic (C)	CHIN 102	Second Course in Mandarin Chinese (M)
	ARCH 126	History of Ancient World Architecture (M)	CHIN 201	Third Course in Mandarin Chinese (M)
	ARCH 127	History of World Architecture: Renaissance Through Contemporary (M)	CHIN 202	Fourth Course in Mandarin Chinese (M)
	ARTF 100	Art Orientation (C,M,MMR)	DANC 181	History of Dance (C,M)
	ARTF 106	Art of the United States: Colonial to Modern Period (M)	DFLM 101	Introduction to Film (MMR)
	ARTF 107	Contemporary Art (M,MMR)	DFLM 102	The American Cinema (MMR)
	ARTF 108	Women in Art (M)	DRAM 105	Introduction to Dramatic Arts (C,M)
	ARTF 109	Modern Art (C,M,MMR)	DRAM 107	Study of Filmed Plays (C,M)
	ARTF 110	Art History: Prehistoric to Gothic (C,M,MMR)	DRAM 108	Playwriting (C,M)
	ARTF 111	Art History: Renaissance to Modern (C,M,MMR)	^ DRAM 109	Theatre and Social Issues (C,M)
^	ARTF 113	Arts of Africa, Oceania, and the Americas (M,MMR)	DRAM 111	Chicana/o Theatre (C)
^	ARTF 115	African Art (C,M)	DRAM 136	History of Canonized Theatre - Ancient Greece to the Restoration (C,M)
^	ARTF 120	Native American Art (M)	DRAM 137	History of Canonized Western Theatre - Restoration to the Present (C,M)
	ARTF 125	Art History: Arts of the Asian Continent (C,M,MMR)	DRAM 150	Cinema as Art and Communication I (M)
	ARTF 130	Pre-Columbian Art (M)	DRAM 151	Cinema as Art and Communication II (M)
	ARTF 188	Women and Gender in Photography (M)	DRAM 205	The American Musical on Stage and Screen (C,M)
	ARTF 191	Cultural Influences on Photography (M)	DSGN 104	Graphic Design History (C)
	ARTF 194	Critical Photography (M)	ENGL 207	The Art of the Sentence (M)
	ARTF 212	Sustainable Art and Design (C)	ENGL 208	Introduction to Literature (C,M,MMR)
^	BLAS 110	African American Art (C,M)	ENGL 209	Literary Approaches to Film (C,M,MMR)
^	BLAS 111	Cultural Influences on African Art (M)	ENGL 210	American Literature I (C,M,MMR)
^	BLAS 120	Black Music (C,M)	ENGL 211	American Literature II (C,M,MMR)
^	BLAS 150	Black Women in Literature, Film and the Media (C,M,MMR)	ENGL 215	English Literature I: 800–1799 (C,M,MMR)
^	BLAS 155	African American Literature (C,M,MMR)	ENGL 216	English Literature II: 1800–Present (C,M,MMR)

	ENGL 220	Masterpieces of World Literature I: 1500 BCE–1600 CE (C,M,MMR)		HUMA 118	Eastern Humanities (M)	
				HUMA 119	Western Humanities (M)	
	ENGL 221	Masterpieces of World Literature II: 1600–Present (C,M,MMR)		HUMA 201	Mythology (C,M,MMR)	
				HUMA 202	Mythology: Hero's Journey (C)	
^	ENGL 230	Asian American Literature (M, MMR)		HUMA 205	Exploring Human Values Through Film (M)	
^	ENGL 234	Hip Hop Literature: A Poetry Class (C,M,MMR)		HUMA 210	Women in Religion and Myth (M)	
	ENGL 237	Women in Literature (C,M,MMR)	^	INTE 125	History of Furniture and Interiors (M)	
	ENGL 238	Evaluating Children's Literature (C)		ITAL 101	First Course in Italian (C,M)	
	ENGL 240	Shakespeare (C,M)		ITAL 102	Second Course in Italian (C,M)	
	FASH 120	Fashion History and Trends (M)		ITAL 201	Third Course in Italian (C,M)	
^	FASH 122	Ethnic Costume (M)		JAPN 101	First Course in Japanese (M)	
	FJMP 100	Introduction to Cinema		JAPN 102	Second Course in Japanese (M)	
	FREN 101	First Course in French (C,M)		JAPN 201	Third Course in Japanese (M)	
	FREN 102	Second Course in French (C,M)		JAPN 202	Fourth Course in Japanese (M)	
	FREN 201	Third Course in French (C,M)		MULT 116	Unity Game Development (M)	
	FREN 202	Fourth Course in French (C,M)		MUSI 100	Introduction to Music (C,M,MMR)	
	GERM 101	First Course in German (C,M)		MUSI 103	History of Rock Music (C,M,MMR)	
	GERM 102	Second Course in German (C,M)		^	MUSI 109	World Music (C,M,MMR)
	GERM 201	Third Course in German (C,M)		MUSI 111	Jazz History (C,M,MMR)	
*	HIST 100	World History I (C,M,MMR)		MUSI 114	Music of The Beatles (M)	
*	HIST 101	World History II (C,M,MMR)		MUSI 117	Music in the United States (M)	
*	HIST 105	Introduction to Western Civilization I (C,M,MMR)		MUSI 118	Asian & Pacific Music (M)	
*	HIST 106	Introduction to Western Civilization II (C,M,MMR)		MUSI 119	Music in Latin America & North America (M)	
^*	HIST 120	Introduction to Asian Civilizations (C,M,MMR)		MUSI 125	Music, the Arts, and Society (M)	
^*	HIST 121	Asian Civilizations in Modern Times (C,M,MMR)		MUSI 126	Rap Music and Hip Hop Culture (M)	
^*	HIST 123	U.S. History from the Asian Pacific American Perspective (C,M, MMR)		MUSI 131	Music of California (M)	
*	HIST 131	Latin America Before Independence (M)		MUSI 138	Women in Music (M)	
*	HIST 132	Latin America Since Independence (M)		PHIL 102A	Introduction to Philosophy: Reality and Knowledge (C,M,MMR)	
	HUMA 101	Introduction to the Humanities I (C,M,MMR)		PHIL 102B	Introduction to Philosophy: Values (C,M,MMR)	
	HUMA 102	Introduction to the Humanities II (C,M,MMR)		PHIL 103	Historical Introduction to Philosophy (M)	
	HUMA 103	Introduction to the New Testament(C,M)		PHIL 104A	History Of Western Philosophy: Ancient to Medieval (C,M,MMR)	
	HUMA 104	Introduction to the Old Testament (M)		PHIL 104B	History of Western Philosophy: Modern to Contemporary (C,M)	
	HUMA 106	World Religions (C,M,MMR)		PHIL 105	Contemporary Philosophy (C,M)	
				PHIL 106	Asian Philosophy (C,M)	

	PHIL 107	Reflections on Human Nature (C,M,MMR)	^	AAPI 130	Asian American and Pacific Islander Women
*	PHIL 108	Perspectives on Human Nature and Society (C,M)		ADJU 101	Introduction to Administration of Justice (C,MMR)
	PHIL 110	Philosophy of Religion (M)	^	ADJU 106	Diversity and Community Relations (MMR)
	PHIL 111	Philosophy In Literature and Other Fiction (C,M)		ADJU 230	Constitutional Law I (MMR)
	PHIL 112	Philosophy of Science (M)		AGRI 100	Principles of Sustainable Agriculture (C)
^*	PHIL 125	Philosophy of Women (C,M)	^	AMSL 150	Introduction to Deaf Culture (M)
	PHIL 130	Philosophy of Art and Music (C,M)	^	ANTH 103	Introduction to Cultural Anthropology (C,M,MMR)
	PHIL 131	Environmental Ethics (C,M,MMR)		ANTH 107	Introduction to Archaeology (C,M,MMR)
	PHOT 150	History of Photography (C)		ANTH 110	Anthropology of Magic, Witchcraft, and Religion (C,M)
	RUSS 101	First Course in Russian (C,M)		ANTH 117	Anthropology of Gender and Sexuality (M)
	RUSS 102	Second Course in Russian (C,M)		ANTH 140	Primatology (C,M)
	RUSS 201	Third Course in Russian (M)	^	ANTH 200	Introduction to North American Indians (M)
	SPAN 101	First Course in Spanish (C,M,MMR)		ANTH 205	Introduction to Medical Anthropology (M)
	SPAN 102	Second Course in Spanish (C,M,MMR)	^	ANTH 210	Introduction to California Indians (C,M)
	SPAN 201	Third Course in Spanish (C,M,MMR)		ANTH 215	Cultures of Latin America (C,M)
	SPAN 202	Fourth Course in Spanish (C,M,MMR)	^*	BLAS 100	Introduction to Black Studies (C,M,MMR)
	SPAN 215	Spanish for Spanish Speakers I (C,M)	^	BLAS 104	Black Psychology (C,M,MMR)
	SPAN 216	Spanish for Spanish Speakers II (C,M)	^	BLAS 115	Sociology from a Black Perspective (C)
	SPAN 221	Hispanic Literature for Spanish Speakers (M)	^	BLAS 116	Contemporary Social Problems from a Black Perspective (C,M)
	SPAN 222	Hispanic Culture and Civilization for Spanish Speakers (M)	^	BLAS 125	Dynamics of the Black Community (M)
	TAGA 101	First Course in Tagalog (MMR)	^	BLAS 130	The Black Family (C,M)
	TAGA 102	Second Course in Tagalog (MMR)	^	BLAS 135	Introduction to Black Politics (C)
	TAGA 201	Third Course in Tagalog (MMR)	^	BLAS 140A	African American History to Reconstruction (C,M,MMR)
	VIET 101	First Course in Vietnamese (M)	^	BLAS 140B	African American History since Reconstruction to the Present (C,M,MMR)
	VIET 102	Second Course in Vietnamese (M)	^	BLAS 145A	Introduction to African History (C,M)
	VIET 201	Third Course in Vietnamese (M)	^	BLAS 145B	Introduction to African History (C,M)
(4) Social and Behavioral Sciences					
(minimum of 3 semester / 4 quarter units)					
*^	AAPI 124	Introduction to Asian American Studies and Pacific Islander Studies (C,M,MMR)		BLAS 165	Sexuality and Black Culture (C,M)
*^	AAPI 125	Asian American and Pacific Islander Identities and Cultures (M)		BLAS 175	Psycho-History of Racism and Sexism (M)

	BUSE 100	Introduction to Business (C,M,MMR)	*	HIST 101	World History II (C,M,MMR)
	BUSE 140	Business Law and the Legal Environment (C,M,MMR)	*	HIST 105	Introduction to Western Civilization I (C,M,MMR)
^*	CHIC 110A	Introduction to Chicana and Chicano Studies (C,M,MMR)		HIST 106	Introduction to Western Civilization II (C,M,MMR)
^*	CHIC 110B	Introduction to Chicano Studies (C,M)		HIST 109	History of the United States I (C,M,MMR)
^	CHIC 140	Chicana/o Sociology (C,M)		HIST 110	History of the United States II (C,M,MMR)
^	CHIC 141A	United States History from a Chicano Perspective (C,M,MMR)	^	HIST 115A	History of the Americas I (C,M,MMR)
^	CHIC 141B	United States History from a Chicano Perspective (C,M,MMR)	^	HIST 115B	History of the Americas II (C,M,MMR)
	CHIC 150	History of Mexico (C,M)	^*	HIST 120	Introduction to Asian Civilization (C,M,MMR)
^	CHIC 155	Introduction to Central American Studies (M)	^*	HIST 121	Asian Civilizations in Modern Times (C,M,MMR)
	CHIC 170	La Chicana (C,M,MMR)	^*	HIST 123	U.S. History from the Asian Pacific American Perspective (C,M, MMR)
	CHIC 201	The Indigenous Tradition of Mexico and Ancient Mesoamerica (C,M)	^	HIST 130	The Modern Middle East (M)
^*	CHIC 210	Chicano Culture (C,M)	*	HIST 131	Latin America Before Independence (M)
	CHIL 101	Human Growth and Development (C,M,MMR)	*	HIST 132	Latin America Since Independence (M)
	CHIL 103	Lifespan Growth and Development (MMR)		HIST 135	History of Technology (M)
^	CHIL 141	The Child, Family and Community (C,M,MMR)		HIST 141	Women in United States History I (M,MMR)
	COMS 201	Communication and Community (C,MMR)		HIST 142	Women in United States History II (M,MMR)
	CRES 101	Conflict Resolution and Mediation (C)	^	HIST 150	Native Americans in United States History I (M)
	DSST 101	Introduction to Disability Studies (C)	^	HIST 151	Native Americans in United States History II (M)
	ECON 120	Principles of Macroeconomics (C,M,MMR)		HIST 154	Ancient Egypt (M)
	ECON 121	Principles of Microeconomics (C,M,MMR)		HIST 175	California History (M)
	ECON 220	Economics of the Environment (C,M)		HUMS 101	Introduction to Human Aging (C)
^	ENGL 202	Introduction to Linguistics (C,M)		JOUR 202	Introduction to Mass Communication (C,M,MMR)
^*	FILI 100	Filipino American Experience (M,MMR)	^	NUTR 153	Cultural Foods (M)
	FJMP 101	Introduction to Mass Media (C)		PADM 110	Introduction to Law and Society (C,M)
^	GEND 101	Introduction to Gender Studies (C,MMR)		PADM 200	Introduction to Public Administration (C,MMR)
^	GEOG 102	Cultural Geography (C,M,MMR)		PEAC 101	Introduction to Peace Studies (C)
	GEOG 104	World Regional Geography (C,M,MMR)	*	PHIL 108	Perspectives on Human Nature and Society (C,M)
	GEOG 154	Introduction to Urban Geography (C,M)		PHIL 109	Issues in Social Philosophy (M)
*	HIST 100	World History I (C,M,MMR)	^*	PHIL 125	Philosophy of Women (C,M)

	PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)		SOCO 220	Introduction to Research Methods in Sociology (C,M,MMR)
	POLI 101	Introduction to Political Science (C,M,MMR)	^	SOCO 223	Globalization and Social Change (C,M,MMR)
	POLI 102	Introduction to American Government (C,M,MMR)		SUST 101	Introduction to Sustainability (C,M,MMR)
^	POLI 103	Comparative Politics (C,M,MMR)	^	WMNS 101	Introduction to Gender and Women's Studies (M)
^	POLI 121	American Political Development (C,M,MMR)			
	POLI 123	Gender and Politics (M)			
	POLI 124	Power and Justice: An Introduction to Political Theory (C,M)			
^	POLI 140	Contemporary International Politics (C,M,MMR)			
	PSYC 101	General Psychology (C,M,MMR)		AGRI 107	Introduction to Agricultural Plant Science (C)
	PSYC 111	Psychological /Social Aspects of Aging, Death and Dying (C,M)		AGRI 125	Introduction to Soil Science (C)
	PSYC 121	Introduction to Child Psychology (M)		ANTH 102	Introduction to Biological Anthropology (C,M,MMR)
	PSYC 123	Adolescent Psychology (C,MMR)		ANTH 104	Laboratory in Biological Anthropology (C,M,MMR)
	PSYC 133	Psychology of Women (M,MMR)		ANTH 109	Practice in Observing – Laboratory (C,M,MMR)
	PSYC 135	Marriage and Family Relations (C,M,MMR)		ASTR 101	Descriptive Astronomy (C,M,MMR)
	PSYC 137	Human Sexual Behavior (C,M,MMR)		ASTR 102	Exploring the Solar System and Life Beyond The Earth (C,M,MMR)
	PSYC 155	Introduction to Personality (C,M,MMR)		ASTR 109	Practice in Observing - Laboratory (C,M,MMR)
	PSYC 166	Introduction to Social Psychology (C,M,MMR)		ASTR 111	Astronomy Laboratory (C,M,MMR)
	PSYC 211	Learning (C,M,MMR)		AVIA 115	Aviation Weather (MMR)
	PSYC 230	Psychology of Lifespan Development (C,M,MMR)		BIOL 100	Natural History – Environmental (M,MMR)
	PSYC 245	Abnormal Psychology (C,M,MMR)		BIOL 101	Issues in Environmental Science & Sustainability (C, MMR)
	PSYC 283	Introduction to Cognitive Psychology (C,M,MMR)		BIOL 107	General Biology- Lecture and Laboratory (C,M,MMR)
^	SOCO 101	Principles of Sociology (C,M,MMR)		BIOL 110	Introduction to Oceanography (C,M)
^	SOCO 110	Contemporary Social Problems (C,M,MMR)		BIOL 111	Cancer Biology (C)
^	SOCO 125	Sociology of the Family (C,M)		BIOL 115	Marine Biology (C,M,MMR)
	SOCO 145	Health and Society (C,M,MMR)		BIOL 120	The Environment of Man (M)
^	SOCO 150	Sociology of Latinos/Latinas (C,M)		BIOL 130	Introduction to Biotechnology (MMR)
	SOCO 201	Advanced Principles of Sociology (C,M,MMR)		BIOL 131	Introduction to Biotechnology (MMR)
^	SOCO 207	Introduction to Race and Ethnicity (C,M,MMR)		BIOL 135	Biology of Human Nutrition (C,MMR)
				BIOL 160	Elements of Human Anatomy & Physiology - (M,MMR)
				BIOL 180	Plants and People (C,M,MMR)

(5) Natural Sciences

(minimum of 3 semester / 4 quarter units)

BIOL 205	General Microbiology (C,M,MMR)	GEOL 101	Physical Geology Laboratory (C,M,MMR)
BIOL 210A	Introduction to the Biological Sciences I (C,M,MMR)	GEOL 104	Earth Science (C,M,MMR)
BIOL 210B	Introduction to the Biological Sciences II (C,M,MMR)	GEOL 111	The Earth Through Time (C,M,MMR)
BIOL 215	Introduction to Zoology (M)	GEOL 120	Earth Science (C,M)
BIOL 230	Human Anatomy (C,M,MMR)	GEOL 130	Field Geology of San Diego County (C,M,MMR)
BIOL 235	Human Physiology (C,M,MMR)	MEDA 55	Fundamentals Human Anatomy and Physiology (M)
BIOL 250	Introduction to Botany (M)	NUTR 150	Nutrition (C,M,MMR)
CHEM 100	Fundamentals of Chemistry (C,M,MMR)	NUTR 155	Advanced Nutrition (M,MMR)
CHEM 100L	Fundamentals of Chemistry - Laboratory (C,M,MMR)	OCEA 101	The Oceans (M,MMR)
CHEM 103	General, Organic, and Biological Chemistry (M,MMR)	PHYN 100	Survey of Physical Science (C,M,MMR)
CHEM 111	Chemistry in Society (C,M,MMR)	PHYN 101	Survey of Physical Science Laboratory (C,M,MMR)
CHEM 111L	Chemistry and Society Laboratory (C,M)	PHYN 105	Physical Science for Elementary Education (M,MMR)
CHEM 130	Introduction to Organic & Biological Chemistry (C,M,MMR)	PHYN 114	Weather and Climate (C,M,MMR)
CHEM 130L	Introduction to Organic & Biological Chemistry (C,M,MMR)	PHYS 100	Introductory Physics (C,M)
CHEM 152	Introduction to General Chemistry (C,M,MMR)	PHYS 125	General Physics (C,M,MMR)
CHEM 152L	Introduction to General Chemistry (C,M,MMR)	PHYS 126	General Physics II (C,M,MMR)
CHEM 160	Introductory Biochemistry (M,MMR)	PHYS 180A	General Physics I (C,M,MMR)
CHEM 200	General Chemistry	PHYS 180B	General Physics II (C,M,MMR)
CHEM 200L	General Chemistry I (C,M,MMR)	PHYS 181A	General Physics Lab I (C,M,MMR)
CHEM 201	General Chemistry I (C,M,MMR)	PHYS 181B	General Physics Lab II (C,M,MMR)
CHEM 201L	General Chemistry II (C,M,MMR)	PHYS 195	Mechanics (C,M,MMR)
CHEM 231	Organic Chemistry I Lecture (C,M,MMR)	PHYS 196	Electricity and Magnetism (C,M,MMR)
CHEM 231L	Organic Chemistry I Laboratory (C,M,MMR)	PHYS 197	Waves, Optics and Modern Physics (C,M,MMR)
CHEM 233	Organic Chemistry II Lecture (C,M,MMR)	PSYC 260	Introduction to Physiological Psychology (C,M,MMR)
CHEM 233L	Organic Chemistry II Laboratory (C,M,MMR)		
CHEM 251	Quantitative Analytical Chemistry (C,M,MMR)		
GEOG 101	Physical Geography (C,M,MMR)		
GEOG 101L	Physical Geography (C,M,MMR)		
GEOL 100	Physical Geology (C,M,MMR)		

(6) Ethnic Studies

(minimum of 3 semester/4 quarter units)

*^	AAPI 124	Introduction to Asian American and Pacific Islander Studies (C,M,MMR)
*^	AAPI 125	Asian American and Pacific Islander Identities and Cultures (M)
	AAPI 130	Asian American and Pacific Islander Women (M)

*^	BLAS 100	Introduction to Black Studies (C,M,MMR)
*^	BLAS 140A	African American History to Reconstruction (C,M,MMR)
*^	BLAS 140B	African American History since Reconstruction to the Present (C,M,MMR)
*^	CHIC 110A	Introduction to Chicana and Chicano Studies (C, M, MMR)
*^	CHIC 110B	Introduction to Chicana and Chicano Studies (C, M)
*^	FILI 100	Filipino American Experience (M,MMR)

ENGL 205	Critical Thinking and Intermediate Composition (C,M,MMR)
HIST 205	Methodology and Practice in History (M)
PHIL 205	Critical Thinking and Writing in Philosophy (C,M,MMR)

The following is added to/replaces the information on pages 126-132:

The IGETC Pattern

- () Colleges in parenthesis indicate where the course is approved for IGETC Requirements.
 C—City College
 M—Mesa College
 MMR—Miramar College
- * Courses with asterisks are listed in more than one area but shall not be certified in more than one area.
- + Courses with pluses indicate transfer credit may be limited by either UC or CSU, or both. Please consult a counselor for additional information.
- @ Courses with @ symbols indicate CSU-only requirements.

Area 1—English Communication

2–3 courses, 6–9 semester/8–12 quarter units

Group A: English Composition

1 course, 3 semester/4–5 quarter units

ENGL 101	Reading and Composition (C,M,MMR)
	OR
ENGL 105	Composition and Literature (C,M,MMR)

Group B: Critical Thinking - English Composition

1 course, 3 semester/4–5 quarter units

Courses must have English Composition as a prerequisite

Group C: Oral Communication

1 course, 3 semester/4–5 quarter units

@	COMS 103	Oral Communication (C,M,MMR)
@*	COMS 135	Interpersonal Communication (C,M,MMR)
@	COMS 160	Argumentation and Critical Thinking (C,M,MMR)
@	COMS 170	Small Group Communication (C,M,MMR)

Area 2A—Mathematical Concepts and Quantitative Reasoning

1 course, 3 semester/4–5 quarter units

Courses must have Intermediate Algebra as a prerequisite.

+	BIOL 200	Biological Statistics (M,MMR)
+	BUSE 115	Statistics for Business (C,M,MMR)
	CISC 246	Discrete Mathematics for Computer Science (M,MMR)
+	MATH 115	Gateway to Experimental Statistics (C)
+	MATH 116	College and Matrix Algebra (C,M,MMR)
+	MATH 119	Elementary Statistics (C,M,MMR)
+	MATH 121	Basic Techniques of Applied Calculus I (C,M,MMR)
+	MATH 122	Basic Techniques of Calculus II (C,M,MMR)
+	MATH 141	Precalculus (C,M,MMR)
+	MATH 150	Calculus with Analytic Geometry I (C,M,MMR)
+	MATH 151	Calculus with Analytic Geometry II (C,M,MMR)
	MATH 245	Discrete Mathematics (C,M,MMR)
	MATH 252	Calculus with Analytic Geometry III (C,M,MMR)
	MATH 254	Introduction to Linear Algebra (C,M,MMR)
	MATH 255	Differential Equations (C,M,MMR)
+	POLI 201	Elementary Statistics for Political Science (C,M)
+	PSYC 258	Behavioral Science Statistics (C,M,MMR)

Area 3—Arts and Humanities

3 courses, 9 semester/12–15 quarter units

At least one course from the Arts and one from the Humanities.

3A: Arts Courses

	ARTF 100	Art Orientation (C,M,MMR)
	ARTF 106	Art of the United States: Colonial to Modern Period (M)
	ARTF 107	Contemporary Art (M,MMR)
*	ARTF 108	Women in Art (M)
	ARTF 109	Modern Art (C,M,MMR)
	ARTF 110	Art History: Prehistoric to Gothic (C,M,MMR)
	ARTF 111	Art History: Renaissance to Modern (C,M,MMR)
+	ARTF 113	Arts of Africa, Oceania, and the Americas (M,MMR)
+	ARTF 115	African Art (C,M)
+	ARTF 120	Native American Art (M)
	ARTF 125	Art History: Arts of the Asian Continent (C,M,MMR)
	ARTF 130	Pre-Columbian Art (M)
*	ARTF 188	Women and Gender in Photography (M)
	ARTF 191	Cultural Influences on Photography (M)
	ARTF 194	Critical Photography (M)
	ARTF 212	Sustainable Art and Design (C)
	BLAS 110	African American Art (C,M)
+	BLAS 111	Cultural Influences on African Art (M)
	BLAS 120	Black Music (C,M)
	CHIC 230	Chicano Art (C,M)
	CHIC 250	Introduction to Chicana/o Dramatic Art (C,M)
	DFLM 101	Introduction to Film (MMR)
	DFLM 102	The American Cinema (MMR)
	DRAM 105	Introduction to Dramatic Arts (C,M)
	DRAM 107	Study of Filmed Plays (C,M)
	DRAM 109	Theatre and Social Issues (C,M)
	DRAM 111	Chicana/o Theatre (C)
	DRAM 136	Theatre History I: Ancient Greece to the Renaissance (C)
	DRAM 137	Theatre History II: Restoration to the Present (C)
	DRAM 150	Cinema as Art & Communication I (M)
	DRAM 151	Cinema as Art & Communication II (M)

DRAM 205	The American Musical on Stage and Screen (C,M)
DSGN 104	Graphic Design History (C)
FASH 122	Ethnic Costume (M)
FJMP 100	Introduction to Cinema (C)
MUSI 100	Introduction to Music (C,M,MMR)
MUSI 103	History of Rock Music (C,M,MMR)
MUSI 109	World Music (C,M,MMR)
MUSI 111	Jazz History (C,M,MMR)
MUSI 114	Music of The Beatles (M)
MUSI 117	Music in the United States (M)
MUSI 118	Asian & Pacific Music (M)
MUSI 119	Music in Latin America & North America (M)
MUSI 125	Music, the Arts, and Society (M)
MUSI 126	Rap Music and Hip Hop Culture (M)
MUSI 131	Music of California (M)
MUSI 138	Women in Music (M)
PHOT 150	History of Photography (C)
RTVF 162	Women in Film (C)

3B: Humanities Courses

AMSL 121	American Sign Language Level II (C,M,MMR)	
*	AMSL 150	Introduction to Deaf Culture (C,M)
	AMSL 220	American Sign Language Level III (C,M)
	AMSL 221	American Sign Language Level IV (C,M)
	ARAB 102	Second Course in Arabic (C)
	ARAB 201A	Third Course in Arabic (C)
	ARCH 126	History of Ancient World Architecture (M)
	ARCH 127	History of World Architecture: Renaissance Through Contemporary (M)
*	ARTF 108	Women in Art (M)
*	ARTF 188	Women and Gender in Photography (M)
	ARTF 191	Cultural Influences on Photography (M)
*	BLAS 145A	Introduction to African History (C,M)
*	BLAS 145B	Introduction to African History (C,M)
	BLAS 150	Black Women in Literature, Film and the Media (C,M,MMR)
	BLAS 155	African American Literature (C,M,MMR)
	CHIC 130	Mexican Literature in Translation (C,M)
	CHIC 135	Chicana/o Literature (C,M,MMR)

CHIC 138	Literature of La Raza in Latin America in Translation (C,M)	HUMA 106	World Religions (C,M,MMR)
CHIC 190	Chicano Images in Film (C,M)	HUMA 118	Eastern Humanities (M)
* CHIC 210	Chicano Culture (C,M)	HUMA 119	Western Humanities (M)
CHIN 102	Second Course in Mandarin Chinese (M)	HUMA 201	Mythology (C,M,MMR)
CHIN 201	Third Course Mandarin Chinese (M)	HUMA 205	Exploring Human Values through Film (M)
CHIN 202	Fourth Course in Mandarin Chinese (M)	HUMA 210	Women in Religion and Myth (M)
ENGL 208	Introduction to Literature (C,M,MMR)	ITAL 102	Second Course in Italian (C,M)
ENGL 209	Literary Approaches to Film (C,M,MMR)	ITAL 201	Third Course in Italian (C,M)
ENGL 210	American Literature I (C,M,MMR)	JAPN 102	Second Course in Japanese (M)
ENGL 211	American Literature II (C,M,MMR)	JAPN 201	Third Course in Japanese (M)
ENGL 215	English Literature I: 800–1799 (C,M,MMR)	JAPN 202	Fourth Course in Japanese (M)
ENGL 216	English Literature II: 1800–Present (C,M,MMR)	PHIL 102A	Introduction to Philosophy: Reality & Knowledge (C,M,MMR)
ENGL 220	Masterpieces of World Literature I: 1500 BCE–1600 CE (C,M,MMR)	PHIL 102B	Introduction to Philosophy: Values (C,M,MMR)
ENGL 221	Masterpieces of World Literature II: 1600–Present (C,M,MMR)	PHIL 103	Historical Introduction to Philosophy (M)
ENGL 230	Asian American Literature (M,MMR)	PHIL 104A	History Of Western Philosophy: Ancient to Medieval (C,M,MMR)
ENGL 234	Hip Hop Literature: A Poetry Class (C,M,MMR)	PHIL 104B	History of Western Philosophy: Modern to Contemporary (C,M)
ENGL 237	Women in Literature (C,M,MMR)	PHIL 105	Contemporary Philosophy (C,M)
ENGL 240	Shakespeare (C,M)	PHIL 106	Asian Philosophy (C,M)
FREN 102	Second Course in French (C,M)	PHIL 107	Reflections on Human Nature (C,M,MMR)
FREN 201	Third Course in French (C,M)	PHIL 108	Perspectives on Human Nature & Society (C,M)
FREN 202	Fourth Course in French (C,M)	PHIL 110	Philosophy of Religion (M)
GERM 102	Second Course in German (C,M)	PHIL 111	Philosophy In Literature and Other Fiction (C,M)
GERM 201	Third Course in German (C,M)	PHIL 112	Philosophy of Science (M)
* HIST 100	World History I (C,M,MMR)	PHIL 125	Philosophy of Women (C,M)
* HIST 101	World History II (C,M,MMR)	* PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)
* HIST 105	Introduction to Western Civilization I (C,M,MMR)	PHIL 130	Philosophy of Art and Music (C,M)
* HIST 106	Introduction to Western Civilization II (C,M,MMR)	PHIL 131	Environmental Ethics (C,M,MMR)
* HIST 120	Introduction to Asian Civilizations (C,M,MMR)	RUSS 102	Second Course in Russian (C,M)
* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)	RUSS 201	Third Course in Russian (M)
* HIST 131	Latin America Before Independence (M)	+ SPAN 102	Second Course in Spanish (C,M,MMR)
* HIST 132	Latin America Since Independence (M)	+ SPAN 201	Third Course in Spanish (C,M,MMR)
HUMA 101	Introduction to the Humanities I (C,M,MMR)	SPAN 202	Fourth Course in Spanish (C,M,MMR)
HUMA 102	Introduction to the Humanities II (C,M,MMR)	SPAN 215	Spanish for Spanish Speakers I (C,M)
HUMA 103	Introduction to the New Testament (C,M)	SPAN 216	Spanish for Spanish Speakers II (C,M)
HUMA 104	Introduction to the Old Testament (M)	SPAN 221	Hispanic Literature for Spanish Speakers (M)

SPAN 222	Hispanic Culture and Civilization for Spanish Speakers (M)
TAGA 102	Second Course in Tagalog (MMR)
TAGA 201	Third Course in Tagalog (MMR)
VIET 102	Second Course in Vietnamese (M)
VIET 201	Third Course in Vietnamese (M)

	BLAS 125	Dynamics of the Black Community (M)
	BLAS 130	The Black Family (C,M)
	BLAS 135	Introduction to Black Politics (C)
+*	BLAS 140A	African American History to Reconstruction (C,M,MMR)
+*	BLAS 140B	African American History since Reconstruction to the Present (C,M,MMR)
*	BLAS 145A	Introduction to African History (C,M)
*	BLAS 145B	Introduction to African History (C,M)
	BLAS 175	Psycho-History of Racism and Sexism (M)
*	CHIC 110A	Introduction to Chicana and Chicano Studies (C,M,MMR)
*	CHIC 110B	Introduction to Chicano Studies (C,M)
	CHIC 140	Chicana/o Sociology (C,M)
+	CHIC 141A	United States History From a Chicano Perspective (C,M,MMR)
+	CHIC 141B	United States History From a Chicano Perspective (C,M,MMR)
	CHIC 150	History of Mexico (C,M)
	CHIC 155	Introduction to Central American Studies (M)
	CHIC 170	La Chicana (C,M,MMR)
	CHIC 201	The Indigenous Tradition of Mexico and Ancient Mesoamerica (C,M)
*	CHIC 210	Chicano Culture (C,M)
+	CHIL 101	Human Growth and Development (C,M,MMR)
+	CHIL 103	Lifespan Growth and Development (MMR)
*	COMS 135	Interpersonal Communication (C,M,MMR)
	COMS 201	Communication and Community (C,MMR)
	CRES 101	Conflict Resolution and Mediation (C)
	DSST 101	Introduction to Disability Studies (C)
	ECON 120	Principles of Macroeconomics (C,M,MMR)
	ECON 121	Principles of Microeconomics (C,M,MMR)
	ECON 220	Economics of the Environment (C,M)
	ENGL 202	Introduction to Linguistics (C,M)
*	FILI 100	Filipino American Experience (M,MMR)
	FJMP 101	Introduction to Mass Media (C)
	GEND 101	Introduction to Gender Studies (C,MMR)
	GEOG 102	Cultural Geography (C,M,MMR)
	GEOG 104	World Regional Geography (C,M,MMR)

Area 4—Social and Behavioral Sciences

3 courses, 9 semester/12–15 quarter units

Courses from at least two disciplines or an interdisciplinary sequence.

4: Social and Behavioral Sciences

*	AAPI 124	Introduction to Asian American and Pacific Islander Studies (C,M,MMR)
*	AAPI 125	Asian American and Pacific Islander Identities and Cultures (M)
*	AAPI 130	Asian American and Pacific Islander Women (M)
	ADJU 101	Introduction to Administration of Justice (C,MMR)
	ADJU 230	Constitutional Law I (MMR)
	AGRI 100	Principles of Sustainable Agriculture (C)
*	AMSL 150	Introduction to Deaf Culture (M)
	ANTH 103	Introduction to Cultural Anthropology (C,M,MMR)
	ANTH 106	World Prehistory (C,M)
	ANTH 107	Introduction to Archaeology (C,M,MMR)
	ANTH 110	Anthropology of Magic, Witchcraft, and Religion (C,M)
	ANTH 117	Anthropology of Gender and Sexuality (M)
	ANTH 140	Primatology (C,M)
	ANTH 200	Introduction to North American Indians (M)
	ANTH 210	Introduction to the Indigenous People of California (C,M)
	ANTH 215	Cultures of Latin America (C,M)
*	ARTF 108	Women in Art (M)
*	BLAS 100	Introduction to Black Studies (C,M,MMR)
+	BLAS 104	Black Psychology (C,M,MMR)
+	BLAS 115	Sociology from a Black Perspective (C)
	BLAS 116	Contemporary Social Problems From a Black Perspective (C,M)

GEOG 154	Introduction to Urban Geography (C,M)	POLI 103	Comparative Politics (C,M,MMR)
* HEAL 103	Introduction to Public Health (C,M)	POLI 121	American Political Development (C,M,MMR)
HEAL 104	Public Health and Social Justice (M)	POLI 123	Gender and Politics (M)
* HIST 100	World History I (C,M,MMR)	POLI 124	Power and Justice: An Introduction to Political Theory (C,M)
* HIST 101	World History II (C,M,MMR)	POLI 140	Contemporary International Politics (C,M,MMR)
* HIST 105	Introduction to Western Civilization I (C,M,MMR)	+ PSYC 101	General Psychology (C,M,MMR)
* HIST 106	Introduction to Western Civilization II (C,M,MMR)	PSYC 111	Psychological/Social Aspects of Aging, Death and Dying (C,M)
+ HIST 109	History of the United States I (C,M,MMR)	+ PSYC 121	Introduction to Child Psychology (M)
+ HIST 110	History of the United States II (C,M,MMR)	+ PSYC 123	Adolescent Psychology (C,MMR)
HIST 115A	History of the Americas I (C,M,MMR)	PSYC 133	Psychology of Women (M,MMR)
HIST 115B	History of the Americas II (C,M,MMR)	PSYC 135	Marriage and Family Relations (C,M,MMR)
* HIST 120	Introduction to Asian Civilizations (C,M,MMR)	+ PSYC 137	Human Sexual Behavior (C,M,MMR)
* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)	PSYC 155	Introduction to Personality (C,M,MMR)
HIST 123	U.S. History from the Asian Pacific American Perspective (C,M,MMR)	PSYC 166	Introduction to Social Psychology (C,M,MMR)
HIST 130	The Modern Middle East (M)	PSYC 211	Learning (C,M,MMR)
* HIST 131	Latin America Before Independence (M)	PSYC 230	Psychology of Lifespan Development (C,M,MMR)
* HIST 132	Latin America Since Independence (M)	PSYC 245	Abnormal Psychology (C,M,MMR)
HIST 135	History of Technology (M)	PSYC 283	Introduction to Cognitive Psychology (C,M,MMR)
+ HIST 141	Women in United States History I (M,MMR)	RTVF 101	Media Law and Ethics (C)
+ HIST 142	Women in United States History II (M,MMR)	+ SOCO 101	Principles of Sociology (C,M,MMR)
+ HIST 150	Native Americans in United States History I (M)	SOCO 110	Contemporary Social Problems (C,M,MMR)
+ HIST 151	Native Americans in United States History II (M)	SOCO 125	Sociology of the Family (C,M)
HIST 154	Ancient Egypt (M)	SOCO 145	Health and Society (C,M,MMR)
HIST 175	California History (M)	SOCO 150	Sociology of Latinos/Latinas (C,M)
JOUR 202	Introduction to Mass Communication (C,M,MMR)	SOCO 201	Advanced Principles of Sociology (C,M,MMR)
LABR 100	American Labor Movement (C)	SOCO 207	Introduction to Race and Ethnicity (C,M,MMR)
NUTR 153	Cultural Foods (C,M,MMR)	SOCO 220	Introduction to Research Methods in Sociology (C,M,MMR)
PADM 110	Introduction to Law and Society (C,M)	SOCO 223	Globalization and Social Change (C,M,MMR)
PADM 200	Introduction to Public Administration (C,MMR)	SPAN 222	Hispanic Culture and Civilization for Spanish Speakers (M)
PEAC 101	Introduction to Peace Studies (C)	SUST 101	Introduction to Sustainability (C,M,MMR)
PHIL 109	Issues in Social Philosophy (M)	WNNS 101	Introduction to Gender and Women's Studies (M)
* PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)		
POLI 101	Introduction to Political Science (C,M,MMR)		
POLI 102	Introduction to American Government (C,M,MMR)		

Area 5—Physical and Biological Sciences

At least 2 courses required, 7–9 semester/9–12 quarter units.

One Physical Science course and one Biological Science course; at least one must include a laboratory.

- One course in 5A (underlined courses include a lab component)
- One course in 5B (underlined courses include a lab component)
- One of the courses selected to fulfill the requirement for 5A or 5B must include a laboratory component or a separate course must be taken from 5C. If a separate laboratory course is taken from 5C, it must match one of the two lecture courses taken from 5A or 5B.

5A: Physical Science Courses

<u>AGRI 125</u>	Introduction to Soil Science (C)
ASTR 101	Descriptive Astronomy (C,M,MMR)
+ ASTR 102	Exploring The Solar System and Life Beyond The Earth (C,M,MMR)
AVIA 115	Aviation Weather (MMR)
+ CHEM 100	Fundamentals of Chemistry (C,M,MMR)
<u>CHEM 103</u>	General, Organic, and Biological Chemistry (M,MMR)
CHEM 111	Chemistry in Society (C,M,MMR)
+ CHEM 130	Introduction to Organic & Biological Chemistry (C,M,MMR)
+ CHEM 152	Introduction to General Chemistry (C,M,MMR)
CHEM 160	Introductory Biochemistry (M,MMR)
CHEM 200	General Chemistry I - Lecture (C,M,MMR)
CHEM 201	General Chemistry II - Lecture (C,M,MMR)
+ CHEM 231	Organic Chemistry I - Lecture (C,M,MMR)
CHEM 233	Organic Chemistry II - Lecture (C,M,MMR)
<u>CHEM 251</u>	Quantitative Analytical Chemistry (C,M,MMR)
GEOG 101	Physical Geography (C,M,MMR)
GEOL 100	Physical Geology (C,M,MMR)
GEOL 104	Earth Science (C,M,MMR)
<u>GEOL 111</u>	Dinosaurs, Mass Extinctions, and Earth History (C,M,MMR)

<u>GEOL 130</u>	Field Geology of San Diego County (C,M,MMR)
OCEA 101	The Oceans (M,MMR)
+ PHYN 100	Survey of Physical Science (C,M,MMR)
PHYN 105	Physical Science for Elementary Education (M)
PHYN 114	Weather and Climate (C,M,MMR)
+ <u>PHYS 100</u>	Introductory Physics (C,M)
+ <u>PHYS 125</u>	General Physics (C,M,MMR)
+ <u>PHYS 126</u>	General Physics II (C,M,MMR)
+ PHYS 180A	General Physics I (C,M,MMR)
+ PHYS 180B	General Physics II (C,M,MMR)
+ <u>PHYS 195</u>	Mechanics (C,M,MMR)
+ <u>PHYS 196</u>	Electricity and Magnetism (C,M,MMR)
+ <u>PHYS 197</u>	Waves, Optics and Modern Physics (C,M,MMR)

5B: Biological Science Courses

<u>AGRI 107</u>	Introduction to Agricultural Plant Science (C)
ANTH 102	Introduction to Biological Anthropology (C,M,MMR)
+ <u>BIOL 100</u>	Natural History Environmental Biology (M,MMR)
<u>BIOL 101</u>	Issues in Environmental Science & Sustainability (C,MMR)
+ <u>BIOL 107</u>	General Biology - Lecture and Lab (C,M,MMR)
BIOL 110	Introduction to Oceanography (M)
<u>BIOL 115</u>	Marine Biology (M,MMR)
+ BIOL 120	The Environment of Man (M)
BIOL 130	Human Heredity (C,M,MMR)
<u>BIOL 131</u>	Introduction to Biotechnology (MMR)
+ BIOL 180	Plants and People (C,M,MMR)
<u>BIOL 205</u>	General Microbiology (C,M,MMR)
<u>BIOL 210A</u>	Introduction to the Biological Sciences I (C,M,MMR)
<u>BIOL 210B</u>	Introduction to the Biological Sciences II (C,M,MMR)
+ <u>BIOL 215</u>	Introduction to Zoology (M)
<u>BIOL 230</u>	Human Anatomy (C,M,MMR)
<u>BIOL 235</u>	Human Physiology (C,M,MMR)
+ <u>BIOL 250</u>	Introduction to Botany (M)
PSYC 260	Introduction to Physiological Psychology (C,M,MMR)

5C: Science Laboratory

ANTH 104	Laboratory in Biological Anthropology (C,M,MMR)
+ ASTR 109	Practice in Observing Lab (C,M,MMR)
+ ASTR 111	Astronomy Lab (C,M,MMR)
+ CHEM 100L	Fundamentals of Chemistry Lab (C,M,MMR)
+ CHEM 111L	Chemistry in Society Laboratory (C,M)
+ CHEM 130L	Introduction to Organic & Biological Chemistry Lab (C,M,MMR)
+ CHEM 152L	Introduction to General Chemistry Lab (C,M,MMR)
CHEM 200L	General Chemistry I - Lab (C,M,MMR)
CHEM 201L	General Chemistry II - Lab (C,M,MMR)
+ CHEM 231L	Organic Chemistry I - Lab (C,M,MMR)
CHEM 233L	Organic Chemistry II - Lab (C,M,MMR)
GEOG 101L	Physical Geography Lab (C,M,MMR)
GEOL 101	Physical Geology Lab (C,M,MMR)
GEOL 120	Earth Science Laboratory (C,M)
+ PHYN 101	Survey of Physical Science Lab (C,M)
+ PHYS 181A	General Physics Lab I (C,M,MMR)
+ PHYS 181B	General Physics Lab II (C,M,MMR)
PSYC 260L	Introduction to Physiological Psychology Laboratory (M)

Area 6—Languages other than English

UC Requirement Only. In order to complete IGETC for the University of California system, students are required to demonstrate competence/proficiency in a language other than English equal to two years of high school study. Competence may be demonstrated through the following mechanisms:

1. In a high school where the language of instruction is English, completion of the second level of high school coursework in a language other than English with a letter grade of "C-" or better in the second semester of the second year.
2. Completion of a course or courses at a college or university, with a grade of "C" or better in each course. Usually, one semester of college work in a language other than English is equivalent to two years of high school work.

Any one of the following course or courses completed with a grade of "C" or better, will fulfill the requirement.

6A: Languages Other Than English

AMSL 120	American Sign Language Level I (C,M,MMR)
AMSL 121	American Sign Language Level II (C,M,MMR)
AMSL 220	American Sign Language Level III (C,M)
AMSL 221	American Sign Language Level IV (C,M)
ARAB 101	First Course in Arabic (C)
ARAB 102	Second Course in Arabic (C)
ARAB 201A	Third Course in Arabic (C)
CHIN 101	First Course in Mandarin Chinese (M)
CHIN 102	Second Course in Mandarin Chinese (M)
CHIN 201	Third Course in Mandarin Chinese (M)
CHIN 202	Fourth Course in Mandarin Chinese (M)
FREN 101	First Course in French (C,M)
FREN 102	Second Course in French (C,M)
FREN 201	Third Course in French (C,M)
FREN 202	Fourth Course in French (C,M)
GERM 101	First Course in German (C,M)
GERM 102	Second Course in German (C,M)
GERM 201	Third Course in German (C,M)
ITAL 101	First Course in Italian (C,M)
ITAL 102	Second Course in Italian (C,M)
ITAL 201	Third Course in Italian (C,M)
JAPN 101	First Course in Japanese (M)
JAPN 102	Second Course in Japanese (M)
JAPN 201	Third Course in Japanese (M)
JAPN 202	Fourth Course in Japanese (M)
RUSS 101	First Course in Russian (C,M)
RUSS 102	Second Course in Russian (C,M)
RUSS 201	Third Course in Russian (M)
+ SPAN 101	First Course in Spanish (C,M,MMR)
+ SPAN 102	Second Course in Spanish (C,M,MMR)
+ SPAN 201	Third Course in Spanish (C,M,MMR)
+ SPAN 202	Fourth Course in Spanish (C,M,MMR)
SPAN 215	Spanish for Spanish Speakers I (C,M)
SPAN 216	Spanish for Spanish Speakers II (C,M)
TAGA 101	First Course in Tagalog (MMR)
TAGA 102	Second Course in Tagalog (MMR)
TAGA 201	Third Course in Tagalog (MMR)
VIET 101	First Course in Vietnamese (M)
VIET 102	Second Course in Vietnamese (M)
VIET 201	Third Course in Vietnamese (M)

Area 7—Ethnic Studies

Three Semester Units (4 quarter units).

7: Ethnic Studies

*	AAPI 124	Introduction to Asian American and Pacific Islander Studies (C,M,MMR)
*	AAPI 125	Asian American and Pacific Islander Identities and Cultures (M)
*	AAPI 130	Asian American and Pacific Islander Women (M)
*	BLAS 100	Introduction to Black Studies (C,M,MMR)
+*	BLAS 140A	African American History to Reconstruction (C,M,MMR)
+*	BLAS 140B	African American History since Reconstruction to the Present (C,M,MMR)
*	CHIC 110A	Introduction to Chicana and Chicano Studies (C,M,MMR)
*	CHIC 110B	Introduction to Chicana and Chicano Studies (C,M)
*	FILI 100	Filipino American Experience (M,MMR)

The following is added to/replaces the information on page 134-141:

The CSUGE-Breadth Pattern (Option 2)

The following information is based on the 2024–2025 agreement and is distributed as follows:

- () Colleges in parenthesis indicate where the course is approved for CSUGE-B Requirements.
C—City College
M—Mesa College
MMR—Miramar College
- * Courses with asterisks are listed in more than one area but shall not be certified in more than one area.
- # Courses with the number sign are listed more than once in the same area, but will only be used for certification once.

Please note: Courses required in Oral Communication (Area A1), Written Communication (Area A2), Critical Thinking (Area A3), and Mathematics and Quantitative Reasoning (Area B4) must be completed with

grades of “C” or better for admission to most CSU campuses and CSUGE-Breadth Certification. For additional information, consult a counselor.

Area A. English Language Communication and Critical Thinking:

No fewer than nine semester units (12–15 quarter units) including one course in A1, one course in A2, and one course in A3.

A1: Oral Communication

	COMS 103	Oral Communication (C,M,MMR)
*	COMS 135	Interpersonal Communication (C,M,MMR)
	COMS 170	Small Group Communication (C,M,MMR)

A2: Written Communication

	ENGL 101	Reading and Composition (C,M,MMR)
	ENGL 105	Composition and Literature (C,M,MMR)

A3: Critical Thinking

	COMS 160	Argumentation and Critical Thinking (C,M,MMR)
	ENGL 205	Critical Thinking and Intermediate Composition (C,M,MMR)
	HIST 205	Methodology and Practice in History (M)
	PHIL 100	Logic and Critical Thinking (C,M,MMR)
*	PHIL 103	Historical Introduction to Philosophy (M)
	PHIL 205	Critical Thinking and Writing in Philosophy (C,M,MMR)

Area B. Scientific Inquiry and Quantitative Reasoning:

No fewer than nine semester units (12–15 quarter units) Including:

- One course in B1 (underlined courses include a lab component)
- One course in B2 (underlined courses include a lab component)
- One of the courses selected to fulfill the requirement for B1 or B2 must include a

laboratory component or a separate course must be taken from B3. If a separate laboratory course is taken from B3, it must match one of the two lecture courses taken from B1 or B2.

- One course in B4

<u>PHYS 195</u>	Mechanics (C,M,MMR)
<u>PHYS 196</u>	Electricity and Magnetism (C,M,MMR)
<u>PHYS 197</u>	Waves, Light and Modern Physics (C,M,MMR)

B1: Physical Science

<u>AGRI 125</u>	Introduction to Soil Science (C)
ASTR 101	Descriptive Astronomy (C,M,MMR)
ASTR 102	Exploring The Solar System and Life Beyond The Earth (C,M,MMR)
AVIA 115	Aviation Weather (MMR)
CHEM 100	Fundamentals of Chemistry (C,M,MMR)
<u>CHEM 103</u>	General, Organic, and Biological Chemistry (M,MMR)
CHEM 111	Chemistry in Society (C,M,MMR)
CHEM 130	Introduction to Organic & Biological Chemistry (C,M,MMR)
CHEM 152	Introduction to General Chemistry (C,M,MMR)
CHEM 160	Introductory Biochemistry (M,MMR)
CHEM 200	General Chemistry I - Lecture (C,M,MMR)
CHEM 201	General Chemistry II - Lecture (C,M,MMR)
CHEM 231	Organic Chemistry I - Lecture (C,M,MMR)
CHEM 233	Organic Chemistry II - Lecture (C,M,MMR)
<u>CHEM 251</u>	Quantitative Analytical Chemistry (C,M,MMR)
GEOG 101	Physical Geography (C,M,MMR)
GEOL 100	Physical Geology (C,M,MMR)
<u>GEOL 111</u>	Dinosaurs, Mass Extinctions, and Earth History (C,M,MMR)
GEOL 104	Earth Science (C,M,MMR)
<u>GEOL 130</u>	Field Geology of San Diego County (C,M,MMR)
OCEA 101	The Oceans (M,MMR)
PHYN 100	Survey of Physical Science (C,M,MMR)
PHYN 105	Physical Science for Elementary Education (M)
PHYN 114	Weather and Climate (C,M,MMR)
<u>PHYS 100</u>	Introductory Physics (C,M)
<u>PHYS 125</u>	General Physics (C,M,MMR)
<u>PHYS 126</u>	General Physics II (C,M,MMR)
PHYS 180A	General Physics I (C,M,MMR)
PHYS 180B	General Physics II (C,M,MMR)

B2: Life Science

<u>AGRI 107</u>	Introduction to Agricultural Plant Science (C)
ANTH 102	Introduction to Biological Anthropology (C,M,MMR)
<u>BIOL 100</u>	Natural History-Environmental Biology (M,MMR)
<u>BIOL 101</u>	Issues in Environmental Science & Sustainability (C,MMR)
<u>BIOL 107</u>	General Biology - Lecture and Laboratory (C,M,MMR)
BIOL 110	Introduction to Oceanography (C,M)
BIOL 111	Cancer Biology (C)
<u>BIOL 115</u>	Marine Biology (C,M,MMR)
BIOL 130	Human Heredity (C,M,MMR)
<u>BIOL 131</u>	Introduction to Biotechnology (MMR)
<u>BIOL 160</u>	Elements of Human Anatomy & Physiology (M,MMR)
BIOL 180	Plants and People (C,M,MMR)
<u>BIOL 205</u>	General Microbiology (C,M,MMR)
<u>BIOL 210A</u>	Introduction to the Biological Sciences I (C,M,MMR)
<u>BIOL 210B</u>	Introduction to the Biological Sciences II (C,M,MMR)
<u>BIOL 215</u>	Introduction to Zoology (M)
<u>BIOL 230</u>	Human Anatomy (C,M,MMR)
<u>BIOL 235</u>	Human Physiology (C,M,MMR)
<u>BIOL 250</u>	Introduction to Botany (M)
PSYC 260	Introduction to Physiological Psychology (C,M,MMR)

B3: Laboratory Activity

ANTH 104	Laboratory in Biological Anthropology (C,M,MMR)
ASTR 109	Practice in Observing (C,M,MMR)
ASTR 111	Astronomy Laboratory (C,M,MMR)
CHEM 100L	Fundamentals of Chemistry Laboratory (C,M,MMR)
CHEM 111L	Chemistry in Society Laboratory (C,M)
CHEM 130L	Introduction to Organic & Biological Chemistry Laboratory (C,M,MMR)

CHEM 152L	Introduction to General Chemistry Laboratory (C,M,MMR)
CHEM 200L	General Chemistry I - Laboratory (C,M,MMR)
CHEM 201L	General Chemistry II - Laboratory (C,M,MMR)
CHEM 231L	Organic Chemistry I - Laboratory (C,M,MMR)
CHEM 233L	Organic Chemistry II - Laboratory (C,M,MMR)
GEOG 101L	Physical Geography Laboratory (C,M,MMR)
GEOL 101	Physical Geology Laboratory (C,M,MMR)
GEOL 120	Earth Science Laboratory (C,M)
PHYN 101	Survey of Physical Science Laboratory (C,M)
PHYS 181A	General Physics Lab I (C,M,MMR)
PHYS 181B	General Physics Lab II (C,M,MMR)
PSYC 260L	Introduction to Physiological Psychology Laboratory (M)

MATH 151	Calculus with Analytic Geometry II (C,M,MMR)
MATH 210A	Concepts of Elementary School Mathematics I (C,M)
MATH 210B	Concepts of Elementary School Mathematics II (C,M)
MATH 245	Discrete Mathematics (C,M,MMR)
MATH 252	Calculus with Analytic Geometry III (C,M,MMR)
MATH 254	Introduction to Linear Algebra (C,M,MMR)
MATH 255	Differential Equations (C,M,MMR)
POLI 201	Elementary Statistics for Political Science (C,M)
PSYC 258	Behavioral Science Statistics (C,M,MMR)

Area C. Arts and Humanities:

Nine semester units (12–15 quarter units) with at least one course each in Arts and Humanities.

B4: Mathematics/Quantitative Reasoning

BIOL 200	Biological Statistics (M,MMR)
BUSE 101	Business Mathematics (C,M,MMR)
BUSE 115	Statistics for Business (C,M,MMR)
CISC 246	Discrete Mathematics for Computer Science (M,MMR)
HEIT 256	Statistics for Healthcare (M)
MATH 104	Trigonometry (C,M,MMR)
MATH 107	Introduction to Scientific Programming (C)
MATH 107L	Introduction to Scientific Programming Laboratory (C)
MATH 109	Explorations in Mathematical Analysis (C)
MATH 115	Gateway to Experimental Statistics (C)
MATH 116	College and Matrix Algebra (C,M,MMR)
MATH 118	A Survey of Modern Mathematics (C,M,MMR)
MATH 119	Elementary Statistics (C,M,MMR)
MATH 121	Basic Techniques of Applied Calculus I (C,M,MMR)
MATH 122	Basic Techniques of Calculus II (C,M,MMR)
MATH 141	Precalculus (C,M,MMR)
MATH 150	Calculus with Analytic Geometry I (C,M,MMR)

C1: Arts (Art, Cinema, Dance, Music, Theater)

ARTF 100	Art Orientation (C,M,MMR)
ARTF 106	Art of the United States: Colonial to Modern Period (M)
ARTF 107	Contemporary Art (M,MMR)
ARTF 108	Women in Art (M)
ARTF 109	Modern Art (C,M,MMR)
ARTF 110	Art History: Prehistoric to Gothic (C,M,MMR)
ARTF 111	Art History: Renaissance to Modern (C,M,MMR)
ARTF 113	Arts of Africa, Oceania, and the Americas (M,MMR)
ARTF 115	African Art (C,M)
ARTF 120	Native American Art (M)
ARTF 125	Art History: Arts of the Asian Continent (C,M,MMR)
ARTF 130	Pre-Columbian Art (M)
* ARTF 188	Women and Gender in Photography (M)
ARTF 191	Cultural Influences on Photography (M)
ARTF 194	Critical Photography (M)
ARTF 212	Sustainable Art and Design (C)
BLAS 110	African American Art (C,M)
BLAS 111	Cultural Influences on African Art (M)
BLAS 120	Black Music (C,M)

CHIC 230	Chicano Art (C,M)	AMSL 121	American Sign Language Level II (C,M,MMR)
CHIC 250	Introduction to Chicana/o Dramatic Art (C,M)	* AMSL 150	Introduction to Deaf Culture (C,M)
DANC 181	History of Dance (C,M)	AMSL 220	American Sign Language Level III (C,M)
DFLM 101	Introduction to Film (MMR)	AMSL 221	American Sign Language Level IV (C,M)
DFLM 102	The American Cinema (MMR)	ARAB 101	First Course in Arabic (C)
DRAM 105	Introduction to Dramatic Arts (C,M)	ARAB 102	Second Course in Arabic (C)
DRAM 107	Study of Filmed Plays (C,M)	ARAB 201A	Third Course in Arabic (C)
DRAM 109	Theatre and Social Issues (C,M)	ARCH 126	History of Ancient World Architecture (M)
DRAM 111	Chicana/o Theatre (C)	ARCH 127	History of World Architecture: Renaissance Through Contemporary (M)
DRAM 136	Theatre History I: Ancient Greece to the Renaissance (C)	ARTF 108	Women in Art (M)
DRAM 137	Theatre History II: Restoration to the Present (C)	* ARTF 188	Women and Gender in Photography (M)
DRAM 150	Cinema as Art and Communication I (M)	ARTF 191	Cultural Influences on Photography (M)
DRAM 151	Cinema as Art and Communication II (M)	* BLAS 145A	Introduction to African History (C,M)
DRAM 205	The American Musical on Stage and Screen (C,M)	* BLAS 145B	Introduction to African History (C,M)
DSGN 104	Graphic Design History (C)	BLAS 150	Black Women in Literature, Film and the Media (C,M,MMR)
FASH 120	Fashion History and Trends (M)	BLAS 155	African American Literature (C,M,MMR)
FASH 122	Ethnic Costume (M)	CHIC 130	Mexican Literature in Translation (C,M)
FJMP 100	Introduction to Cinema (C)	CHIC 135	Chicana/o Literature (C,M,MMR)
INTE 125	History of Furniture and Interiors (M)	CHIC 138	Literature of La Raza in Latin America in Translation (C,M)
MUSI 100	Introduction to Music (C,M,MMR)	CHIC 190	Chicano Images in Film (C,M)
MUSI 103	History of Rock Music (C,M,MMR)	CHIC 210	Chicano Culture (C,M)
MUSI 109	World Music (C,M,MMR)	CHIN 101	First Course in Mandarin Chinese (M)
MUSI 111	Jazz History (C,M,MMR)	CHIN 102	Second Course in Mandarin Chinese (M)
MUSI 114	Music of The Beatles (M)	CHIN 201	Third Course in Mandarin Chinese (M)
MUSI 117	Music in the United States (M)	CHIN 202	Fourth Course in Mandarin Chinese (M)
MUSI 118	Asian & Pacific Music (M)	ENGL 208	Introduction to Literature (C,M,MMR)
MUSI 119	Music in Latin America & North America (M)	ENGL 209	Literary Approaches to Film (C,M,MMR)
MUSI 125	Music, the Arts, and Society (M)	ENGL 210	American Literature I (C,M,MMR)
MUSI 126	Rap Music and Hip Hop Culture (M)	ENGL 211	American Literature II (C,M,MMR)
MUSI 131	Music of California (M)	ENGL 215	English Literature I: 800–1799 (C,M,MMR)
MUSI 138	Women in Music (M)	ENGL 216	English Literature II: 1800–Present (C,M,MMR)
PHOT 150	History of Photography (C)	ENGL 220	Masterpieces of World Literature I: 1500 BCE–1600 CE (C,M,MMR)
RTVF 162	Women in Film (C)	ENGL 221	Masterpieces of World Literature II: 1600–Present (C,M,MMR)
		ENGL 230	Asian American Literature (M,MMR)

C2: Humanities (Literature, Philosophy, Languages Other than English)

AMSL 120 American Sign Language Level I (C,M,MMR)

ENGL 234	Hip Hop Literature: A Poetry Class (C,M,MMR)	JAPN 202	Fourth Course in Japanese (M)
ENGL 237	Women in Literature (C,M,MMR)	PHIL 102A	Introduction to Philosophy: Reality and Knowledge (C,M,MMR)
ENGL 238	Evaluating Children's Literature (C)	PHIL 102B	Introduction to Philosophy: Values (C,M,MMR)
ENGL 240	Shakespeare (C,M)	* PHIL 103	Historical Introduction to Philosophy (M)
FREN 101	First Course in French (C,M)	PHIL 104A	History Of Western Philosophy: Ancient to Medieval (C,M,MMR)
FREN 102	Second Course in French (C,M)	PHIL 104B	History of Western Philosophy: Modern to Contemporary (C,M)
FREN 201	Third Course in French (C,M)	PHIL 105	Contemporary Philosophy (C,M)
FREN 202	Fourth Course in French (C,M)	PHIL 106	Asian Philosophy (C,M)
GERM 101	First Course in German (C,M)	PHIL 107	Reflections on Human Nature (C,M,MMR)
GERM 102	Second Course in German (C,M)	PHIL 108	Perspectives on Human Nature and Society (C,M)
GERM 201	Third Course in German (C,M)	PHIL 110	Philosophy of Religion (M)
* HIST 100	World History I (C,M,MMR)	PHIL 111	Philosophy In Literature and Other Fiction (C,M)
* HIST 101	World History II (C,M,MMR)	PHIL 112	Philosophy of Science (M)
* HIST 105	Introduction to Western Civilization I (C,M,MMR)	PHIL 125	Philosophy of Women (C,M)
* HIST 106	Introduction to Western Civilization II (C,M,MMR)	* PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)
* HIST 120	Introduction to Asian Civilizations (C,M,MMR)	PHIL 130	Philosophy of Art and Music (C,M)
* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)	PHIL 131	Environmental Ethics (C,M,MMR)
* HIST 131	Latin America Before Independence (M)	RUSS 101	First Course in Russian (C,M)
* HIST 132	Latin America Since Independence (M)	RUSS 102	Second Course in Russian (C,M)
* HIST 154	Ancient Egypt (M)	RUSS 201	Third Course in Russian (M)
* HUMA 101	Introduction to the Humanities I (C,M,MMR)	SPAN 101	First Course in Spanish (C,M,MMR)
HUMA 102	Introduction to the Humanities II (C,M,MMR)	SPAN 102	Second Course in Spanish (C,M,MMR)
HUMA 103	Introduction to the New Testament (C,M)	SPAN 201	Third Course in Spanish (C,M,MMR)
HUMA 104	Introduction to the Old Testament (M)	SPAN 202	Fourth Course in Spanish (C,M,MMR)
HUMA 106	World Religions (C,M,MMR)	SPAN 215	Spanish for Spanish Speakers I (C,M)
HUMA 118	Eastern Humanities (M)	SPAN 216	Spanish for Spanish Speakers II (C,M)
HUMA 119	Western Humanities (M)	SPAN 221	Hispanic Literature for Spanish Speakers (M)
HUMA 201	Mythology (C,M,MMR)	SPAN 222	Hispanic Culture and Civilization for Spanish Speakers (M)
HUMA 202	Mythology: Hero's Journey (C)	TAGA 101	First Course in Tagalog (MMR)
HUMA 205	Exploring Human Values through Film (M)	TAGA 102	Second Course in Tagalog (MMR)
HUMA 210	Women in Religion and Myth (M)	TAGA 201	Third Course in Tagalog (MMR)
ITAL 101	First Course in Italian (C,M)	VIET 101	First Course in Vietnamese (M)
ITAL 102	Second Course in Italian (C,M)	VIET 102	Second Course in Vietnamese (M)
ITAL 201	Third Course in Italian (C,M)	VIET 201	Third Course in Vietnamese (M)
JAPN 101	First Course in Japanese (M)		
JAPN 102	Second Course in Japanese (M)		
JAPN 201	Third Course in Japanese (M)		

Area D. Social Sciences:

Six Semester units (8 quarter units).

* AAPI 124	Introduction to Asian American and Pacific Islander (C,M,MMR)	* BLAS 145B	Introduction to African History (C,M)
* AAPI 125	Asian American and Pacific Islander Identities and Cultures (M)	BLAS 175	Psycho-History of Racism and Sexism (M)
* AAPI 130	Asian American and Pacific Islander Women (M)	* CHIC 110A	Introduction to Chicana and Chicano Studies (C,M,MMR)
ADJU 101	Introduction to Administration of Justice (C,MMR)	* CHIC 110B	Introduction to Chicano Studies (C,M)
ADJU 106	Diversity and Community Relations (MMR)	CHIC 140	Chicana/o Sociology (C,M)
ADJU 230	Constitutional Law I (MMR)	CHIC 141A	United States History from a Chicano Perspective (C,M,MMR)
AGRI 100	Principles of Sustainable Agriculture (C)	CHIC 141B	United States History from a Chicano Perspective (C,M,MMR)
* AMSL 150	Introduction to Deaf Culture (C,M)	CHIC 150	History of Mexico (C,M)
ANTH 103	Introduction to Cultural Anthropology (C,M,MMR)	CHIC 155	Introduction to Central American Studies (M)
ANTH 106	World Prehistory (C,M)	CHIC 170	La Chicana (C,M,MMR)
ANTH 107	Introduction to Archaeology (C,M,MMR)	CHIC 201	The Indigenous Tradition of Mexico and Ancient Mesoamerica (C,M)
ANTH 110	Anthropology of Magic, Witchcraft, and Religion (C,M)	CHIC 210	Chicano Culture (C,M)
ANTH 117	Anthropology of Gender and Sexuality (M)	* CHIL 101	Human Growth and Development (C,M,MMR)
ANTH 140	Primatology (C,M)	* CHIL 103	Lifespan Growth and Development (MMR)
ANTH 200	Introduction to North American Indians (M)	CHIL 141	The Child, Family and Community (C,M,MMR)
ANTH 205	Introduction to Medical Anthropology (M)	* COMS 135	Interpersonal Communication (C,M,MMR)
ANTH 210	Introduction to the Indigenous People of California (C,M)	COMS 201	Communication and Community (C,MMR)
ANTH 215	Cultures of Latin America (C,M)	CRES 101	Conflict Resolution and Mediation (C)
ARTF 108	Women in Art (M)	DSST 101	Introduction to Disability Studies (C)
* BLAS 100	Introduction to Black Studies (C,M,MMR)	ECON 120	Principles of Macroeconomics (C,M,MMR)
BLAS 104	Black Psychology (C,M,MMR)	ECON 121	Principles of Microeconomics (C,M,MMR)
BLAS 115	Sociology from a Black Perspective (C)	ECON 220	Economics of the Environment (C,M)
BLAS 116	Contemporary Social Problems from a Black Perspective (C,M)	ENGL 202	Introduction to Linguistics (C,M)
BLAS 125	Dynamics of the Black Community (M)	* FILI 100	Filipino American Experience (M,MMR)
BLAS 130	The Black Family (C,M)	FJMP 101	Introduction to Mass Media (C)
BLAS 135	Introduction to Black Politics (C)	GDEV 101	Introduction to Global Development Studies (C)
* BLAS 140A	African American History to Reconstruction (C,M,MMR)	GEND 101	Introduction to Gender Studies (C,MMR)
* BLAS 140B	African American History since Reconstruction to the Present (C,M,MMR)	GEOG 102	Cultural Geography (C,M,MMR)
* BLAS 145A	Introduction to African History (C,M)	GEOG 104	World Regional Geography (C,M,MMR)
		GEOG 154	Introduction to Urban Geography (C,M)
		* HEAL 103	Introduction to Public Health (C,M)
		HEAL 104	Public Health and Social Justice (M)

* HIST 100	World History I (C,M,MMR)	POLI 103	Comparative Politics (C,M,MMR)
* HIST 101	World History II (C,M,MMR)	POLI 121	American Political Development (C,M,MMR)
* HIST 105	Introduction to Western Civilization I (C,M,MMR)	POLI 123	Gender and Politics (M)
* HIST 106	Introduction to Western Civilization II (C,M,MMR)	POLI 124	Power and Justice: An Introduction to Political Theory (C,M)
HIST 109	History of the United States I (C,M,MMR)	POLI 140	Contemporary International Politics (C,M,MMR)
HIST 110	History of the United States II (C,M,MMR)	PSYC 101	General Psychology (C,M,MMR)
HIST 115A	History of the Americas I (C,M,MMR)	* PSYC 111	Psychological/Social Aspects of Aging, Death and Dying (C,M)
HIST 115B	History of the Americas II (C,M,MMR)	PSYC 121	Introduction to Child Psychology (M)
* HIST 120	Introduction to Asian Civilizations (C,M,MMR)	PSYC 123	Adolescent Psychology (C,MMR)
* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)	PSYC 133	Psychology of Women (M,MMR)
HIST 123	U.S. History from the Asian Pacific American Perspective (C,M,MMR)	* PSYC 135	Marriage and Family Relations (C,M,MMR)
HIST 130	The Modern Middle East (M)	* PSYC 137	Human Sexual Behavior (C,M,MMR)
* HIST 131	Latin America Before Independence (M)	PSYC 155	Introduction to Personality (C,M,MMR)
* HIST 132	Latin America Since Independence (M)	PSYC 166	Introduction to Social Psychology (C,M,MMR)
HIST 135	History of Technology (M)	PSYC 211	Learning (C,M,MMR)
HIST 141	Women in United States History I (M,MMR)	* PSYC 230	Psychology of Lifespan Development (C,M,MMR)
HIST 142	Women in United States History II (M,MMR)	PSYC 245	Abnormal Psychology (C,M,MMR)
HIST 150	Native Americans in United States History I (M)	PSYC 283	Introduction to Cognitive Psychology (C,M,MMR)
HIST 151	Native Americans in United States History II (M)	RTVF 101	Media Law and Ethics (C)
* HIST 154	Ancient Egypt (M)	RTVF 162	Women in Film (C)
HIST 175	California History (M)	SOCO 101	Principles of Sociology (C,M,MMR)
* HUMS 201	Introduction to Human Aging (C)	SOCO 110	Contemporary Social Problems (C,M,MMR)
JOUR 202	Introduction to Mass Communication (C,M,MMR)	SOCO 125	Sociology of the Family (C,M)
LABR 100	American Labor Movement (C)	* SOCO 145	Health and Society (C,M,MMR)
* NUTR 153	Cultural Foods (C,M,MMR)	SOCO 150	Sociology of Latinos/Latinas (C,M)
PADM 110	Introduction to Law and Society (C,M)	SOCO 201	Advanced Principles of Sociology (C,M,MMR)
PADM 200	Introduction to Public Administration (C,MMR)	SOCO 207	Introduction to Race and Ethnicity (C,M,MMR)
PEAC 101	Introduction to Peace Studies (C)	SOCO 220	Introduction to Research Methods in Sociology (C,M,MMR)
PHIL 109	Issues in Social Philosophy (M)	SOCO 223	Globalization and Social Change (C,M,MMR)
* PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)	SPAN 222	Hispanic Culture and Civilization for Spanish Speakers (M)
POLI 101	Introduction to Political Science (C,M,MMR)	SUST 101	Introduction to Sustainability (C,M,MMR)
POLI 102	Introduction to American Government (C,M,MMR)	WMNS 101	Introduction to Gender and Women's Studies (M)

Area E. Lifelong Learning and Self-Development:

Three semester units (4–5 quarter units), not all in physical activity.

	AVIA 133	Human Factors in Aviation (MMR)
	BIOL 120	The Environment of Man (M)
	BIOL 135	Biology of Human Nutrition (MMR)
	BLAS 165	Sexuality and Black Culture (C,M)
	BUSE 120	Personal Financial Management (C,M,MMR)
	BUSE 205	Leadership Theory and Practice (M)
*	CHIL 101	Human Growth and Development (C,M,MMR)
*	CHIL 103	Lifespan Growth and Development (MMR)
	COMS 180	Intercultural Communication (C,M,MMR)
	DANC 127	Movement for Wellness (C,M)
	EXSC 125A	Aerobic Dance I (C,M,MMR)
	EXSC 125B	Aerobic Dance II (C,M,MMR)
	EXSC 125C	Aerobic Dance III (C,M,MMR)
	EXSC 125D	Aerobic Dance IV (C,M,MMR)
	EXSC 126A	Cardio Conditioning I (C,M,MMR)
	EXSC 126B	Cardio Conditioning II (C,M,MMR)
	EXSC 126C	Cardio Conditioning III (C,M,MMR)
	EXSC 126D	Cardio Conditioning IV (C,M,MMR)
	EXSC 134	Adapted Weight Training (C,M,MMR)
	EXSC 135A	Individual Conditioning I (C,M,MMR)
	EXSC 135B	Individual Conditioning II (C,M,MMR)
	EXSC 135C	Individual Conditioning III (C,M,MMR)
	EXSC 135D	Individual Conditioning IV (C,M,MMR)
	EXSC 145A	Yoga I (C,M,MMR)
	EXSC 145B	Yoga II (C,M,MMR)
	EXSC 145C	Yoga III (C,M,MMR)
	EXSC 145D	Yoga IV (C,M,MMR)
	EXSC 294	Health and Wellness Coaching (C)
	HEAL 101	Health and Life Style (C,M,MMR)
*	HEAL 103	Introduction to Public Health (C, M)
	HEAL 104	Public Health and Social Justice (M)
	HEAL 107	Lifestyle Medicine for Health and Wellness (M)
*	HUMS 101	Introduction to Human Aging (C)
	NUTR 150	Nutrition (C,M,MMR)
*	NUTR 153	Cultural Foods (M,MMR)

	PERG 120	College Success and Lifelong Learning (C,M,MMR)
	PERG 130	Career - Life Planning (C,M,MMR)
	PERG 140	Life Skills and Personal Adjustment (C,M,MMR)
	PERG 160	Stress Management & Well-Being in the Modern World (C,M,MMR)
*	PSYC 111	Psychological/Social Aspects of Aging, Death and Dying (C,M)
	PSYC 112	Interpersonal Relations (M)
*	PSYC 135	Marriage and Family Relations (C,M,MMR)
*	PSYC 137	Human Sexual Behavior (C,M,MMR)
*	PSYC 230	Psychology of Lifespan Development (C,M,MMR)
*	SOCO 145	Health and Society (C,M,MMR)

Note: Students who have completed at least 6 months of continuous active US military service have satisfied Area E. DD214 or military transcript must be on file.

Area F. Ethnic Studies

Three Semester Units (4 quarter units).

*	AAPI 124	Introduction to Asian American and Pacific Islander Studies (C,M,MMR)
*	AAPI 125	Asian American and Pacific Islander Identities and Cultures (M)
*	AAPI 130	Asian American and Pacific Islander Women (M)
*	BLAS 100	Introduction to Black Studies (C,M,MMR)
*	BLAS 140A	African American History to Reconstruction (C,M,MMR)
*	BLAS 140B	African American History since Reconstruction to the Present (C,M,MMR)
*	CHIC 110A	Introduction to Chicana and Chicano Studies (C,M,MMR)
*	CHIC 110B	Introduction to Chicana and Chicano Studies (C,M)
*	FILI 100	Filipino American Experience (M,MMR)

The following is a new award, page 154:

Certificate of Achievement: Accounting

Courses Required for the Major:

ACCT 116A	Financial Accounting	4.0
ACCT 116B	Managerial Accounting	4.0
BUSE 119	Business Communications	3.0

Complete seven to nine (7-9) units from the following:

ACCT 102	Basic Accounting	3.0
ACCT 119	Accounting Ethics	3.0
ACCT 120	Federal Income Tax	3.0
ACCT 121	California Income Tax	1.0
ACCT 125	Government & Not-for-Profit Accounting	3.0
ACCT 128A	Recordkeeping	1.5
ACCT 128B	Payroll	1.5
ACCT 135	Principles of Auditing	3.0
ACCT 150	Computer Accounting Applications	3.0
BUSE 101	Business Mathematics	3.0
BUSE 120	Personal Financial Management	3.0
CBTE 143	Intermediate Microsoft Excel	3.0

Total Units = 18-20

The following is a revision to the award, page 185-186:

Certificate of Achievement: Small Business Management

Courses Required for the Major

	Units
ACCT 128A Recordkeeping	1.5
ACCT 128B Payroll	1.5
BUSE 92 Introduction to Business Communication	
or	
BUSE 119 Business Communications	3
BUSE 100 Introduction to Business	3
BUSE 102 Introduction to Customer Service	3
BUSE 155 Small Business Management	3
BUSE 157 Developing a Plan for the Small Business	3
MARK 105 Professional Selling	3
BUSE 270 Business Internship/ Work Experience	1

Complete nine (9) units from the following:

BUSE 102	Introduction to Customer Service	3
BUSE 150	Human Relations in Business	3
BUSE 157	Developing a Plan for the Small Business	3
BUSE 201	Business Organization and	

	Management	3
MARK 100	Principles of Marketing	3
MARK 105	Professional Selling	3
MARK 130	Advertising Principles	3

Total Units = 18-19

Note: The Business Department recommends that students planning to transfer complete BUSE 119 instead of BUSE 92.

Associate of Science Degree: Small Business Management

Courses Required for the Major

	Units	
ACCT 128A	Recordkeeping	1.5
ACCT 128B	Payroll	1.5
BUSE 92	Introduction to Business Communication	3
or		
BUSE 119	Business Communications	3
BUSE 155	Small Business Management	3
BUSE 270	Business Internship / Work Experience	1

Complete 9 units from the following:

BUSE 102	Introduction to Customer Service	3
BUSE 150	Human Relations in Business	3
BUSE 157	Developing a Plan for the Small Business	3

BUSE 201 Business Organization and Management

		3
MARK 100	Principles of Marketing	3
MARK 105	Professional Selling	3
MARK 130	Advertising Principles	3

Total Units = 19

The Business Department recommends that students planning to transfer complete BUSE 119 instead of BUSE 92.

Additional general education and graduation requirements for the associate degree are listed in the Academic Requirements section of the catalog. Students who plan to transfer to a four-year college or university should select the Business Studies San Diego State University Transfer option. **The associate degree requires a minimum of 60 units.**

The following is a revision to the award, page 179-180:

Associate in Science in Biology for Transfer Degree:

Courses Required for the Major:	Units
BIOL 210A Introduction to the Biological Sciences I	4
BIOL 210B Introduction to the Biological Sciences II	4
CHEM 200 General Chemistry I – Lecture	3
CHEM 200L General Chemistry I – Laboratory	2
CHEM 201 General Chemistry II – Lecture	3
CHEM 201L General Chemistry II – Laboratory	2
MATH 121 Basic Techniques of Applied Calculus I	3
or	
MATH 150 Calculus with Analytic Geometry I	5
PHYS 125 General Physics	5
and	
PHYS 126 General Physics II	5
or	
PHYS 180A General Physics I	4.0
and	
PHYS 181A General Physics Laboratory I	1.0
and	
PHYS 180B General Physics II	4.0
and	
PHYS 181B General Physics Laboratory II	1.0
or	
PHYS 195 Mechanics	5
and	
PHYS 196 Electricity and Magnetism	5
Select 3-5 Units from the following:	
CHEM 231 Organic Chemistry I – Lecture	3
and	
CHEM 231L Organic Chemistry I – Laboratory	2
or	
MATH 122 Basic Techniques of Calculus II	3
or	
MATH 151 Calculus with Analytic Geometry II	4
Total Units = 34–38	

The following is a revision to the award, page 216-217:

Certificate of Achievement: Interaction Design

Courses Required for the Major	Units
DSGN 100 Introduction to Graphic Design	3
DSGN 102 Digital Media I	3
DSGN 104 Graphic Design History	3
DSGN 106 Typography I	3
DSGN 124 Page Layout	3
DSGN 143 Interaction Design I	3
DSGN 153 Interaction Design II	3
DSGN 203 Interaction Design III	3
Choose three courses from the following:	
DSGN 120 Illustration	3
DSGN 174A Book Arts I	3
ARTF 174A Book Arts I	3
DSGN 202 Digital Media II	3
DSGN 206 Typography II	3
DSGN 210 Branding and Packaging	3
DSGN 213 Interaction Design IV	3
DSGN 216A Design Studio I	3
DSGN 216B Design Studio II	3
DSGN 216C Design Studio III	3
DSGN 218 Internship	3
DSGN 222 Book Arts II	3
or	
DSGN 248 Portfolio I	3
and	
DSGN 258 Portfolio II	3
Total Units = 33	

Note: The Design Department requires students to complete all requirements for the award within seven years.

The following is a revision to the award, page 217-218:

Associate of Arts Degree: Interaction Design

Courses Required for the Major	Units
DSGN 100 Introduction to Graphic Design	3
DSGN 102 Digital Media I	3
DSGN 104 Graphic Design History	3
DSGN 106 Typography I	3
DSGN 120 Illustration	3
or	

ARTF 174A	Book Arts I	3
DSGN 124	Page Layout	3
DSGN 206	Typography II	3
DSGN 210	Branding and Packaging	3
DSGN 143	Interaction Design I	3
DSGN 153	Interaction Design II	3
DSGN 203	Interaction Design III	3

Complete three additional courses from the following:

DSGN 120	Illustration	3
ARTF 174A	Book Arts I	3
DSGN 143	Interaction Design I	3
DSGN 153	Interaction Design II	3
DSGN 202	Digital Media II	3
DSGN 203	Interaction Design III	3
DSGN 206	Typography II	3
DSGN 210	Branding and Packaging	3
DSGN 213	Interaction Design IV	3
DSGN 216A	Design Studio I	3
DSGN 216B	Design Studio II	3
DSGN 216C	Design Studio III	3
DSGN 218	Internship	3
DSGN 222	Book Arts II	3

or

DSGN 248	Portfolio I	3
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and

DSGN 258	Portfolio II	3
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Total Units = 33

Note: The Design Department requires students to complete all requirements for the award within seven years.

The following is a correction to page 269-270:

Associate of Arts Degree: Liberal Arts and Sciences: Scientific Studies with an Emphasis in Physical and Earth Sciences Specialization

Courses Required for the Major:

Students should complete a minimum of 18 units including both Physical and Earth Science courses:

AGRI 100	Principles of Sustainable Agriculture	3
ASTR 101	Descriptive Astronomy	3
ASTR 109	Practice in Observing	1
ASTR 111	Astronomy Laboratory	1
BIOL 200	Biological Statistics	3
MATH 119	Elementary Statistics	3
PSYC 258	Behavioral Science Statistics	3

CHEM 100	Fundamentals of Chemistry	3
CHEM 100L	Fundamentals of Chemistry Laboratory	1
CHEM 111	Chemistry in Society	3
CHEM 111L	Chemistry and Society Laboratory	1
CHEM 130	Introduction to Organic and Biological Chemistry	3
CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	1
CHEM 152	Introduction to General Chemistry	3
CHEM 152L	Introduction to General Chemistry Laboratory	1
CHEM 200	General Chemistry I – Lecture	3
CHEM 200L	General Chemistry I – Laboratory	2
CHEM 201	General Chemistry II – Lecture	3
CHEM 201L	General Chemistry II – Laboratory	2
CHEM 231L	Organic Chemistry I – Laboratory	2
CHEM 231	Organic Chemistry I – Lecture	3
CHEM 233	Organic Chemistry II – Lecture	3
CHEM 233L	Organic Chemistry II – Laboratory	2
CHEM 251	Quantitative Analytical Chemistry	5
CISC 181	Principles of Information Systems	4
CISC 190	Java Programming	4
CISC 192	C/C++ Programming	4
GEOG 101	Physical Geography	3
GEOG 101L	Physical Geography Laboratory	1
GEOG 102	Cultural Geography	3
GEOG 104	World Regional Geography	3
GEOG 100	Physical Geology	3
GEOG 101	Physical Geology Laboratory	1
GEOG 104	Earth Science	3
GISG 104	Geographic Information Science and Spatial Reasoning	3
GISG 110	Introduction to Mapping and Geographic Information Systems	3
MATH 150	Calculus with Analytic Geometry I	5
MATH 151	Calculus with Analytic Geometry II	4
MATH 252	Calculus with Analytic Geometry III	4
PHYN 100	Survey of Physical Science	3
PHYN 101	Survey of Physical Science Laboratory	1
PHYS 100	Introductory Physics	4
PHYS 125	General Physics	5
PHYS 126	General Physics II	5
PHYS 180A	General Physics I	4
PHYS 180B	General Physics II	4
PHYS 181A	General Physics Laboratory I	1
PHYS 181B	General Physics Laboratory II	1
PHYS 195	Mechanics	5
PHYS 196	Electricity and Magnetism	5
PHYS 197	Waves, Optics and Modern Physics	5
SUST 101	Introduction to Sustainability	3

The following is a correction to FJMP 100, page 472:

100 Mass Media in the Digital Age

101 Introduction to Mass Media

**3 hours lecture, 3 units
Grade Only**

Advisory: English 101 with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for Journalism 202 or Digital Journalism 100.

This course offers a new-media approach to studying mass communication in the United States. It covers emerging technologies, history, structure, social impact, and trends in television, cinema, radio, print, and journalism. Discussion focuses on analysis of the impact of current and emerging media forms on society and culture, as well as on ways that media and social institutions shape each other. Problems and issues are examined in light of social and cultural constructs, economics, technology, law and ethics, and social issues. This course is designed for students pursuing media-related majors and for those seeking employment in the field. (FT) AA/AS; CSU; UC, for UC Transfer Limitations see a Counselor or reference ASSIST.org; C-ID JOUR 100.

The following is a correction to FJMP 131, page 474:

131 Multimedia Journalism Reporting

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Advisory: English 101, Journalism 200 or Journalism 210A, each with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for Digital Journalism 205, Radio and Television 146, or Radio, Television and Film 146.

This course is a practical study of the basic components involved in using digital and mobile tools to publish news content. Emphasis is placed on using such tools for news reporting and gathering purposes for students to create and manage story packages for multiple media platforms from the standpoint of a working multimedia journalist.

Topics include the use of multiple digital elements including text, visuals, audio, interactives, and digital design. Legal and ethical issues in news media, including the implications of social and cultural constructs, economics, technology, and equity and social justice, are explored. This course is designed for students pursuing media-related majors and anyone interested in media-related industries. (FT) AA/AS; CSU.

The following is a correction to page 371:

200 General Chemistry I – Lecture

3 hours lecture, 3 units

Letter Grade or Pass/No Pass Option

Prerequisite: Chemistry 152 and Chemistry 152L, each with a grade of "C" or better, or equivalent; Mathematics 96 with a grade of "C" or better, or equivalent or Milestone M50:

and Successful completion of Intermediate Algebra or appropriate placement based on California Title 5 regulations.

Corequisite: Completion of or concurrent enrollment in Chemistry 200L with a grade of "C" or better, or equivalent.

This is the first course in a two-course sequence in general chemistry. Emphasis is placed on the principles and laws of inorganic chemistry, including quantitative, mathematical problem solving. Topics include chemical equations, stoichiometry, atomic theory and its relationship to periodicity of the elements, bonding theories, molecular geometry, calorimetry, thermochemistry, solution chemistry, liquids, solids, and the gas laws. This course is intended for science majors and all students interested in chemistry. (FT) AA/AS; CSU; UC; C-ID CHEM 110; C-ID CHEM 120S (CHEM 200, 200L, 201, 201L).

200L General Chemistry I – Laboratory

6 hours lab, 2 units

Letter Grade or Pass/No Pass Option

Prerequisite: Chemistry 152 and Chemistry 152L, each with a grade of "C" or better, or equivalent; Mathematics 96 with a grade of "C" or better, or equivalent or Milestone M50:

and Successful completion of Intermediate Algebra or appropriate placement based on California Title 5 regulations.

Corequisite: Completion of or concurrent enrollment in Chemistry 200 with a grade of "C" or better, or equivalent.

This is the first-semester laboratory course in a two-course sequence in general chemistry. Emphasis is placed on laboratory experiments that illustrate the fundamental principles and laws of chemical behavior and the properties of matter, including quantitative, mathematical problem-solving. Topics include techniques of data analysis, chemical formulas, equations, stoichiometry and maintenance of a laboratory notebook. This course is intended for science majors and all students interested in chemistry. (FT) AA/AS; CSU; UC; C-ID CHEM 110; C-ID CHEM 120S (CHEM 200, 200L, 201, 201L).

201 General Chemistry II – Lecture
3 hours lecture, 3 units
Letter Grade or Pass/No Pass Option

Prerequisite: Chemistry 200 and Chemistry 200L, each with a grade of “C” or better, or equivalent; Mathematics 96 with a grade of “C” or better, or equivalent or Milestone M50.

and Successful completion of Intermediate Algebra or appropriate placement based on California Title 5 regulations.

Corequisite: Completion of or concurrent enrollment in Chemistry 201L with a grade of “C” or better, or equivalent.

This course is the second course in a two-course sequence in general chemistry and is intended for students majoring in science or satisfying prerequisites for professional schools. The course covers the principles of physical and inorganic chemistry with an emphasis on quantitative, mathematical problem solving. Topics in the course include chemical kinetics, chemical equilibrium, acid-base theory, thermodynamics, electrochemistry, coordination chemistry and nuclear chemistry. The course also includes an introduction to organic chemistry. (FT) AA/AS; CSU; UC; C-ID CHEM 120S (CHEM 200, 200L, 201, 201L).

201L General Chemistry II – Laboratory
6 hours lab, 2 units
Letter Grade or Pass/No Pass Option

Prerequisite: Chemistry 200 and Chemistry 200L, each with a grade of “C” or better, or equivalent; Mathematics 96 with a grade of “C” or better, or equivalent or Milestone M50.

Successful completion of Intermediate Algebra or appropriate placement based on California Title 5 regulations.

Corequisite: Completion of or concurrent enrollment

in Chemistry 201 with a grade of “C” or better, or equivalent.

This is the second-semester laboratory course of a two-course sequence in general chemistry. It is intended for students majoring in science or satisfying prerequisites for professional schools. Emphasis is placed on the fundamental principles of physical and inorganic chemistry. Topics include techniques of data analysis, chemical kinetics, chemical equilibrium, acids, bases, acidic/basic salts, thermochemistry, electrochemistry, and coordination chemistry. Computer skills are introduced and applied to data analysis, laboratory simulations, and computer interfacing with laboratory equipment. (FT) AA/AS; CSU; UC; C-ID CHEM 120S (CHEM 200, 200L, 201, 201L).

The following is added to/replaces or removes information for the following pages 397-398:

121 Basic Techniques of Applied Calculus I
3 hours lecture, 3 units
Letter Grade or Pass/No Pass Option

Prerequisite: **Successful completion of Intermediate Algebra with a grade of “C” or better, or appropriate placement Milestone M40 or M50 based on California Title 5 regulations.**

Students with a milestone M30 must enroll in MATH 121X (Mathematics 121 and Mathematics 15F support course)

This course examines the study of calculus using numerical, graphical, and analytical methods to analyze calculus problems encountered in real-world applications in business, natural/life sciences, and social sciences. Topics include limits, derivatives, and integrals of algebraic, exponential, and logarithmic functions, curve sketching, optimization, and areas under and between curves and partial derivatives and optimization of multivariable functions. This is the first course in a sequence of mathematics courses for students intending to major in business, economics, or natural and social sciences. (FT) AA/AS; CSU; UC, for UC Transfer Limitations see a Counselor or reference ASSIST.org; C-ID MATH 140.

141 Precalculus

5 hours lecture, 5 units

Letter Grade or Pass/No Pass Option

Prerequisite: Mathematics 104 with a grade of "C" or better, or equivalent, **or Milestone M60.**

This course is a study of numerical, analytical, and graphical properties of functions. The course content includes polynomial, rational, irrational, exponential, logarithmic, and trigonometric functions. Additional topics include: inverse functions, complex numbers, polar coordinates, matrices, conic sections, sequences, series and the binomial theorem. This course is designed as a preparation for calculus and is intended for the transfer student planning to major in mathematics, engineering, economics, or disciplines included in the physical or life sciences. (FT) AA/AS; CSU; UC, for UC Transfer Limitations see a Counselor or reference ASSIST.org.

150 Calculus with Analytic Geometry I

5 hours lecture, 5 units

Letter Grade or Pass/No Pass Option

Prerequisite: Mathematics 141 with a grade of "C" or better, or equivalent, **or Milestone M60.**

This course is an introduction to university-level calculus requiring a strong background in algebra and trigonometry. The topics of study include analytic geometry, limits, differentiation and integration of algebraic and transcendental functions, and applications of derivatives and integrals. Emphasis is placed on calculus applications involving motion, optimization, graphing, and applications in the physical and life sciences. This course incorporates the use of technology. Analytical reading and problem solving are strongly emphasized in this course. This course is intended for students majoring in mathematics, computer science, physics, chemistry, engineering, or economics. AA/AS; CSU; UC, for UC Transfer Limitations see a Counselor or reference ASSIST.org; C-ID MATH 210.