

SAN DIEGO MESA COLLEGE

2023-2024 FIRST CATALOG ADDENDA/ ERRATA

Fall 2023, Spring 2024, Summer 2024

The following is added to/replaces information listed on page 26.

International Students

(F-1 Visa Students)

I4-102

619-388-2717

San Diego Mesa College welcomes applications from nonimmigrant F-1 visa students. Acceptance into a program at the college is necessary before U.S. Citizenship and Immigration Services (formerly INS) Form I-20 (certificate of eligibility) is issued by the International Student Admissions Office. The decision to grant an acceptance will be based on all evidence received prior to the deadlines. Students may contact the International Student Admissions Office at the following address to request forms or information:

**International Student Admissions Office,
I4-102**

San Diego Mesa College
7250 Mesa College Drive
San Diego, CA 92111-4998

General Information

1. An international student must register for and maintain a minimum of 12 units each semester while at Mesa College. Part-time F-1 status will not be approved. The registration status and academic performance of all international students will be monitored by the college.
2. A recent photograph must be submitted with an application (passport size is acceptable).
3. Prospective international students are advised that they must comply with all requirements of the U.S. Citizenship and Immigration Services and of San Diego Mesa College to be admitted as international students.
4. Restriction on Aviation Program. The Federal government prohibits all F-visa (F-1 and F-2) students from enrolling in any Aviation Maintenance Technology (AVIM) and/or Aviation Operations (AVIA) classes and programs. No exceptions will be made. Student enrollment is monitored and students will be administratively dropped. The Transportation Security Administration (TSA) requires all

students that are enrolled in AVIA 101L, 195L, or 196L to either provide documentation of their US citizenship OR complete a background check. For more information refer to <https://www.fts.tsa.dhs.gov/home>.

5. A transfer student from another accredited United States college or university must:
 - a. Follow set transfer procedures of the U.S. Citizenship and Immigration Services; and
 - b. Have pursued a full-time course of study with a minimum GPA of 2.0 ("C") at the college the student was last authorized to attend (an official transcript must be filed).

Admission Requirements

Application Fee: All international students are required to pay a \$100.00 non-refundable application fee. Upon admission to the college, the fee will be applied toward the first semester nonresident tuition. The fee is valid for up to one year from the date processed.

Admission for Fall Semester: Students must complete all admissions requirements no later than May 15 to be admitted for the fall semester. The processing of an application normally requires a minimum of three to five months. Students who meet the May 15 deadline will be notified as soon as possible of their admission status.

Admission for Spring Semester: Students must complete all admissions requirements no later than October 15 to be admitted for the Spring semester. Students who meet the October 15 deadline will be notified as soon as possible of their admission status.

The following is added to/replaces information listed on page 28.

Fees

Community College Enrollment Fee

The **enrollment fee** is assessed of all students, including nonresidents. The fee is currently \$46.00 per unit. Enrollment fees subject to change.

- Waiver of the enrollment fee is available to students who petition and qualify as

recipients of benefits under the Temporary Assistance to Needy Families (TANF) program, the Supplemental Security Income/State Supplementary (SSI) program, or the General Assistance program.

- Indentured apprentices are exempt from enrollment fees for Apprenticeship Program classes only.
- Financial Aid may be available to students who qualify for assistance.

Health Services Fee

All students are assessed a mandatory fee for health services and accident insurance, whether or not they choose to use the health services available to them. The health services fee is currently ~~\$20.00~~ **\$21.00** per semester for Fall and Spring semesters, and \$17.00 for the Summer session. The following students are exempt from the health fee:

- Students who meet the income standards for the California College Promise Grant – **CCPG-A Only**. Contact the Financial Aid Office for eligibility determination.
- Students attending under an approved apprenticeship program, enrolled only in apprenticeship courses.
- Students who depend on prayer for healing, in accordance with the teachings of a bona fide religious sect, denomination, or organization, may petition to have the fees waived. To apply for an exemption contact the Admissions Office.

For more information, contact the Admissions Office.

Nonresident Tuition

In addition to the enrollment fee and health fee, tuition is charged to students who are not legal residents of California for tuition purposes. The 2023–2024 nonresident tuition fee is ~~\$304.00~~ **\$331.00** per unit.

Library

Overdue fines and fees apply to late and lost library materials.

Baccalaureate Degree Program Fee

A baccalaureate degree program fee will be charged for all upper division coursework. The fee is \$84.00

per unit and will be assessed in addition to the \$46.00 per unit enrollment fee. Nonresident students in upper division coursework will be charged the \$84.00 per unit in addition to the \$46.00 enrollment fee, and the nonresident tuition fee of ~~\$304.00~~

\$331.00 per unit.

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Admission for Spring Semester: Students must complete all admissions requirements no later than October 15 to be admitted for the Spring semester. Students who meet the October 15 deadline will be notified as soon as possible of their admission status.

The following is added to/replaces information listed on page 28

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per unit and will be assessed in addition to the \$46.00 per unit enrollment fee. Nonresident students in upper division coursework will be charged the \$84.00 per unit in addition to the \$46.00 enrollment fee, and the nonresident tuition fee of ~~\$304.00~~ **\$331.00** per unit.

The following is added to/replaces information for the AP tests listed on pages 75-84

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
Art History 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C1 IGETC: 3 semester units towards Area 3A or 3B	SDCCD: ARTF 110 <u>or</u> ARTF 111
Art History 3, 4, or 5 <i>Exam taken Fall 2009 or later</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C1 <u>or</u> C2 IGETC: 3 semester units towards Area 3A <u>or</u> 3B	SDCCD: ARTF 110 <u>or</u> ARTF 111
Biology 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 4 semester units towards Area B CSU GE: 4 semester units towards Area B2 & B3 IGETC: 4 semester units towards Area 5B & 5C	SDCCD: N/A
Calculus AB¹ 3, 4 or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 3 semester units towards Area A2 and Mathematics Competency CSU GE: 3 semester units towards Area B4 IGETC: 3 semester units towards Area 2A	SDCCD: N/A
Calculus BC/AB subscore¹ 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 3 semester units towards Area A2 <u>and</u> Mathematics Competency CSU GE: 3 semester units towards Area B4 IGETC: 3 semester units towards Area 2A	SDCCD: N/A
Calculus BC¹ 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area A2 <u>and</u> Mathematics Competency CSU GE: 3 semester units towards Area B4 IGETC: 3 semester units towards Area 2A	SDCCD: N/A
Chemistry 3 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 6 semester units towards Area B CSU GE: 6 semester units towards Area B1 & B3 IGETC: 4 semester units towards Area 5A & 5C	SDCCD: CHEM 200
Chemistry 4 or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 6 semester units towards Area B CSU GE: 6 semester units towards Area B1 & B3 IGETC: 4 semester units towards Area 5A & 5C	SDCCD: CHEM 200 & CHEM 201

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
Chemistry 3 <i>Exam taken Fall 2009 or later</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 4 semester units towards Area B CSU GE: 4 semester units towards Area B1 & B3 IGETC: 4 semester units towards Area 5A & 5C	SDCCD: CHEM 200
Chemistry 4 or 5 <i>Exam taken Fall 2009 or later</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 4 semester units towards Area B CSU GE: 4 semester units towards Area B1 & B3 IGETC: 4 semester units towards Area 5A & 5C	SDCCD: CHEM 200 & CHEM 201
Chinese Language & Culture 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Comparative Government & Politics 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 3 semester units towards Area D CSU GE: 3 semester units towards Area D IGETC: 3 semester units towards Area 4	SDCCD: POLI 103
Computer Science A¹ 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 2 quarter/1.3 semester units	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: N/A
Computer Science AB¹ 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: N/A
Computer Science Principles¹ 3, 4, or 5 <i>Exam taken prior to Fall 2019</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: N/A CSU GE: 3 semester units towards Area B4 IGETC: N/A	SDCCD: N/A
Computer Science Principles¹ 3, 4, or 5 <i>Exam taken between Fall 2019 and Fall 2022</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: N/A

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
Computer Science Principles¹ 3, 4, or 5 <i>Exam taken Fall 2022 or later</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: Area A2 CSU GE: N/A IGETC: N/A	SDCCD: N/A
English Language and Composition 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units ²	SDCCD GE: 3 semester units towards Area A1 <u>and</u> Reading and Written Expression Competency CSU GE: 3 semester units towards Area A2 IGETC: 3 semester units towards Area 1A	SDCCD: ENGL 101
English Literature and Composition 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units ²	SDCCD GE: 6 semester units towards Area A1 & C <u>and</u> Reading and Written Expression Competency CSU GE: 6 semester units towards Area A2 & C2 IGETC: 3 semester units towards Area 1A <u>or</u> 3B	SDCCD: ENGL 101
Environmental Science 3 <i>Exam taken prior to Fall 2009</i>	SDCCD: 4 semester units CSU: 4 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 4 semester units towards Area B CSU GE: 4 semester units towards Area B1 & B3 <u>or</u> Area B2 & B3 ⁸ IGETC: 3 semester units towards Area 5A & 5C	SDCCD: N/A
Environmental Science 4 or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 4 semester units CSU: 4 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 4 semester units towards Area B CSU GE: 4 semester units towards Area B1 & B3 <u>or</u> Area B2 & B3 ⁸ IGETC: 3 semester units towards Area 5A & 5C	SDCCD: BIOL 120
Environmental Science 3 <i>Exam taken Fall 2009 or later</i>	SDCCD: 4 semester units CSU: 4 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 4 semester units towards Area B CSU GE: 4 semester units towards Area B1 & B3 ⁸ IGETC: 3 semester units towards Area 5A & 5C	SDCCD: N/A
Environmental Science 4 or 5 <i>Exam taken Fall 2009 or later</i>	SDCCD: 4 semester units CSU: 4 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 4 semester units towards Area B CSU GE: 4 semester units towards Area B1 & B3 ⁸ IGETC: 3 semester units towards Area 5A & 5C	SDCCD: BIOL 120

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
European History 3, 4, or 5 <i>Exam taken prior to Spring 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C <u>or</u> D CSU GE: 3 semester units towards Area D IGETC: 3 semester units towards Area 3B <u>or</u> 4	SDCCD: N/A
European History 3, 4, or 5 <i>Exam taken after Spring 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C <u>or</u> D CSU GE: 3 semester units towards Area C2 <u>or</u> D IGETC: 3 semester units towards Area 3B <u>or</u> 4	SDCCD: N/A
French Language 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 6 semester units towards Area C CSU GE: 6 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
French Language 3, 4, or 5 <i>Exam taken between Fall 2009 and Fall 2011</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
French Language and Culture 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
French Literature 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
German Language 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 6 semester units towards Area C CSU GE: 6 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
German Language 3, 4, or 5 <i>Exam taken between Fall 2009 and Fall 2011</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
German Language and Culture 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Human Geography 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 3 semester units towards Area D CSU GE: 3 semester units towards Area D IGETC: 3 semester units towards Area 4	SDCCD: GEOG 102
Italian Language and Culture 3	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: ITAL 101
Italian Language and Culture 4 or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: ITAL 102
Japanese Language and Culture 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Latin Literature 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A

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EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
Latin 3, 4 or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Latin: Vergil 3, 4, or 5 <i>Exam taken prior to Fall 2012</i>	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Macroeconomics 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 3 semester units towards Area D CSU GE: 3 semester units towards Area D IGETC: 3 semester units towards Area 4B	SDCCD: ECON 120
Microeconomics 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 3 semester units towards Area D CSU GE: 3 semester units towards Area D IGETC: 3 semester units towards Area 4	SDCCD: ECON 121
Music Theory 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD: 3 semester units towards Area C CSU GE: 3 semester units towards Area C1 IGETC: N/A	SDCCD: N/A
Music Theory 3, 4, or 5 <i>Exam taken between Fall 2009 and Fall 2018;</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: N/A
Music Theory 3, 4, or 5 <i>Exam taken between Fall 2018-Spring 2023</i>	SDCCD: 3 semester units CSU: N/A UC: N/A	SDCCD GE: 3 semester units towards Area C CSU GE: N/A UC: N/A	SDCCD: N/A
Physics B 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units ³ CSU: 6 semester units ³ UC: 8 quarter/5.3 semester units ⁵	SDCCD GE: 6 semester units towards Area B ³ CSU GE: 6 semester units towards Area B1 & B3 ³ IGETC: 4 semester units towards Area 5A & 5C	SDCCD: N/A

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Physics B 3, 4, or 5 <i>Exam taken between Fall 2009 and Fall 2015</i>	SDCCD: 6 semester units ³ CSU: 6 semester units ³ UC: 8 quarter/5.3 semester units ⁵	SDCCD GE: 4 semester units towards Area B ³ CSU GE: 4 semester units towards Area B1 & B3 ³ IGETC: 4 semester units towards Area 5A & 5C	SDCCD: N/A
Physics 1 3, 4, or 5	SDCCD: 4 semester units ³ CSU: 4 semester units ³ UC: 8 quarter/5.3 semester units ⁵	SDCCD GE: 4 semester units towards Area B ³ CSU GE: 4 semester units towards Areas B1 & B3 ³ IGETC: 4 semester units towards Area 5A & 5C	SDCCD: N/A
Physics 2 3, 4, or 5	SDCCD: 4 semester units ³ CSU: 4 semester units ³ UC: 8 quarter/5.3 semester units ⁵	SDCCD GE: 4 semester units towards Area B ³ CSU GE: 4 semester units towards Area B1 & B3 ³ IGETC: 4 semester units towards Area 5A & 5C	SDCCD: N/A
Physics C (electricity / magnetism) 3, 4, or 5	SDCCD: 4 semester units ³ CSU: 4 semester units ³ UC: 4 quarter/2.6 semester units ⁵	SDCCD GE: 4 semester units towards Area B ³ CSU GE: 4 semester units towards Areas B1 & B3 ³ IGETC: 3 semester units towards Areas 5A & 5C ⁴	SDCCD: N/A
Physics C (mechanics) 3, 4, or 5	SDCCD: 4 semester units ³ CSU: 4 semester units ³ UC: 4 quarter/2.6 semester units ⁵	SDCCD GE: 4 semester units towards Area B ³ CSU GE: 4 semester units towards Areas B1 & B3 ³ IGETC: 3 semester units towards Areas 5A & 5C ⁴	SDCCD: N/A
Precalculus 3, 4 or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area A2 and Mathematics Competency CSU GE: 3 semester units towards Area B4 IGETC: 3 semester units towards Area 2A	SDCCD: N/A
Psychology 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 3 semester units towards Area D CSU GE: 3 semester units towards Area D IGETC: 3 semester units towards Area 4	SDCCD: PSYC 101
Seminar 3, 4, 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: N/A

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EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
Spanish Language 3, 4, or 5 <i>Exam taken prior to Spring 2014</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 6 semester units towards Area C CSU GE: 6 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Spanish Language and Culture 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Spanish Literature 3, 4, or 5 <i>Exam taken prior to Spring 2013</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 6 semester units towards Area C CSU GE: 6 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Spanish Literature and Culture 3, 4, or 5	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C CSU GE: 3 semester units towards Area C2 IGETC: 3 semester units towards Area 3B <u>and</u> Area 6A Competency	SDCCD: N/A
Statistics 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 3 semester units towards Area A2 <u>and</u> Mathematics Competency CSU GE: 3 semester units towards Area B4 IGETC: 3 semester units towards Area 2A	SDCCD: MATH 119
Studio Art: Drawing 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 8 quarter/5.3 semester units ⁶	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: ARTF 150A & ARTF 155A
Studio Art: 2-D Design 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 8 quarter/5.3 semester units ⁶	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: N/A
Studio Art: 3-D Design 3, 4, or 5	SDCCD: 3 semester units CSU: 3 semester units UC: 8 quarter/5.3 semester units ⁶	SDCCD GE: N/A CSU GE: N/A IGETC: N/A	SDCCD: N/A

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
U.S. Government & Politics 3, 4, or 5 <i>Exam taken prior to fall 2009</i>	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 3 semester units towards Area D CSU GE: 3 semester units towards Area D IGETC: 3 semester units towards Area 4	SDCCD: POLI 101
U.S. Government & Politics 3, 4, or 5 <i>Exam taken after Fall 2009</i>	SDCCD: 3 semester units CSU: 3 semester units UC: 4 quarter/2.6 semester units	SDCCD GE: 3 semester units towards Area D & US-2 ⁷ CSU GE: 3 semester units towards Area D & US-2 ⁷ IGETC: 3 semester units towards Area 4 & US-2 ⁷	SDCCD: POLI 101
U.S. History 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area D CSU GE: 3 semester units towards Area D IGETC: 3 semester units towards Area 4	SDCCD: HIST 109
U.S. History 3, 4, or 5 <i>Exam taken after Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C & US-1 <u>or</u> Area D & US-1 ⁷ CSU GE: 3 semester units towards Area C2 & US-1 <u>or</u> Area D & US-1 ⁷ IGETC: 3 semester units towards Area 3B & US-1 <u>or</u> Area 4 & US-1 ⁷	SDCCD: HIST 109
World History 3, 4, or 5 <i>Exam taken prior to Fall 2009</i>	SDCCD: 6 semester units CSU: 6 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area D CSU GE: 3 semester units towards Area D IGETC: 3 semester units towards Area 4	SDCCD: HIST 101
World History 3, 4, or 5 <i>Exam taken between Fall 2009 and Spring 2022</i>	SDCCD: 6 semester units CSU: 3 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C <u>or</u> D CSU GE: 3 semester units towards Area C2 <u>or</u> D IGETC: 3 semester units towards Area 3B <u>or</u> 4	SDCCD: HIST 101
World History 3, 4, or 5 <i>Exam taken after Spring 2022</i>	SDCCD: 3 semester units CSU: 3 semester units UC: 8 quarter/5.3 semester units	SDCCD GE: 3 semester units towards Area C <u>or</u> D CSU GE: 3 semester units towards Area C2 <u>or</u> D IGETC: 3 semester units towards Area 3B <u>or</u> 4	SDCCD: HIST 101

Advanced Placement Test (AP)

EXAM AND REQUIRED SCORE	UNIT REQUIREMENTS FULFILLED	GENERAL EDUCATION (GE) REQUIREMENTS FULFILLED	MAJOR REQUIREMENTS FULFILLED
<p>* Credit may not be awarded for exams which duplicate credit for the same content earned through other means.</p> <ol style="list-style-type: none"> 1. If a student passes more than one exam in calculus or computer science, only one exam may be applied to UC / CSU baccalaureate or SDCCD associate degree / certificate requirements. 2. Students passing both English AP exams will receive a maximum of 8 quarter units / 5.3 semester units toward UC baccalaureate degree requirements. 3. Students passing more than one AP exam in physics will receive a maximum of 6 units of credit toward CSU baccalaureate or SDCCD associate degree / certificate requirements and a maximum of 4 units of credit toward CSU GE certification or SDCCD associate degree GE requirements. 4. Students passing either of the Physics C exams will be required to complete at least 4 additional semester units in IGETC Area 5 coursework to meet the IGETC Area 5 unit requirement. 5. Students passing more than one physics AP exam will receive a maximum of 8 quarter units / 5.3 semester units toward UC baccalaureate degree requirements. 6. Students passing more than one AP exam in studio art will receive a maximum of 8 quarter units / 5.3 semester units of credit toward UC baccalaureate degree requirements. 7. Students who have completed the American Institutions requirement except for the California government portion must complete one course approved in Area US-3. 8. Students who pass AP Environmental Science earn 4 units of credit. Tests prior to Fall 2009 may apply to either B1+B3 or B2+B3 of GE Breadth. Fall of 2009 or later, those credits may only apply to B1+B3. 			
<p>To request an official transcript, write to: PSAT/NMSQT Office, P.O. Box 6720, Princeton, NJ, 08541-6720</p>			

The following is added to/replaces the information on page: 98

San Diego College of Continuing Education to San Diego Mesa College CTE Transitions Credit by Examination

For the most up-to-date listing of active agreements and student requirements, please go online at:
<https://bit.ly/2S51Bqx>

San Diego Mesa College Program Area	San Diego Mesa College Course	San Diego Mesa College Units	San Diego College of Continuing Education Course
Business Information Worker	CBTE 140	2	OFSY 575
Child Development	CHIL 176	3	HMDV 575A and HMDV 575B
Computer and Information Sciences	CISC 179	4	COMP 660 and COMP 661
Culinary Arts/ Culinary Management	CACM 103 & CACM 106	1 2.5	FDNT 682
Culinary Arts/ Culinary Management	CACM 160	3	FNNT 661
Culinary Arts/ Culinary Management	CACM 212	3	FDNT 662 and FDNT 663 and FDNT 664
Culinary Arts/ Culinary Management	CACM 102	2	FDNT 501 or FDNT 681
Fashion	FASH 130 FASH 130L	3 1	CLTX 620 and CLTX 625
Health	MEDA 110	3	HLTH 612
Multimedia	MULT 100	3	COMM 660 and COMM 661 and COMM 662
	MULT 123	3	COMM 667 and COMM 668
Web Development	WEBD 152 and WEBD 168	3 3	COMM 672
	MULT 100 and WEBD 154	3 3	COMM 673

The following is added to/replaces information for the following page 114:

A check mark [✓] indicates course has been approved to meet the requirement for the area.

American Institutions/California Government

Students are required to complete the United States History, Constitution and American Ideals before being awarded an associate degree. This requirement may be fulfilled by completing any combination of two classes that, when combined, fulfill areas: US-1, US-2, and US-3. A course may be used to fulfill more than one area.

Course	Area US-1: Development of American Institutions	Area US-2: US Constitution	Area US-3: California State & Local Governments
^BLAS 140A History of the U.S., Black Perspectives (C,M,MMR)	✓	✓	
^BLAS 140B History of the U.S., Black Perspectives (C,M,MMR)	✓		✓
^CHIC 141A U.S. History from a Chicano Perspective (C,M,MMR)	✓	✓	
^CHIC 141B U.S. History from a Chicano Perspective (C,M,MMR)	✓		✓
HIST 109 History of the United States I (C,M,MMR)	✓	✓	
HIST 110 History of the United States II (C,M,MMR)	✓		✓
^HIST 115A History of the Americas I (C,M,MMR)	✓	✓	
^HIST 115B History of the Americas II (C,M,MMR)	✓		✓
^HIST 123 U.S. History from the Asian Pacific American Perspective (C,M,MMR)	✓		✓
HIST 141 Women in United States History I (M,MMR)	✓	✓	
HIST 142 Women in United States History II (M,MMR)	✓		✓
^HIST 150 Native Americans in United States History I (M)	✓	✓	
^HIST 151 Native Americans in United States History II (M)	✓		✓
HIST 175 California History (M)			✓
POLI 102 Introduction to American Government (C,M,MMR)		✓	✓
^POLI 121 American Political Development (C,M,MMR)	✓	✓	
NOTES:			
<ul style="list-style-type: none"> • Courses designated with a caret (^) may also be used to fulfill the District Multicultural studies requirement. • Completion of the Advanced Placement examination in U.S. History with a score of 3 or higher will satisfy the requirement for the CSU American Institutions Area US-1 only. • Completion of the Advanced Placement examination in U.S. Government & Politics with a score of 3 or higher will satisfy the requirement for Area US-2. • Students who have completed the American Institutions requirement except for the California government portion must complete one course approved in Area US-3. 			

The following is added to/replaces information for the following pages :115-117

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

^	MUSI 109	World Music (C,M,MMR)
^	MUSI 217A	Gospel Choir I (MMR)
^	MUSI 217B	Gospel Choir II (MMR)
^	MUSI 217C	Gospel Choir III (MMR)
^	MUSI 217D	Gospel Choir IV (MMR)
^	NUTR 153	Cultural Foods (C,M)
^	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 information for the following pages 118-124:

General Education Requirements (Option 4)

- () 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 area and/or general education requirement but may not be counted more than once for this.

The following information is based on 2023–2024 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 18 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; Communication/Analytical Thinking; the Sciences (Life or Physical, not both); Humanities; Social Sciences; and a sixth course chosen from any area.

A. Language and Rationality

A minimum of three semester units, or four quarter units, must be completed. Choose one course from the following:

1. English Composition

ENGL 101	Reading and Composition (C,M,MMR)
ENGL 105	Composition and Literature (C,M,MMR)
ENGL 205	Critical Thinking and Intermediate Composition (C,M,MMR)

A minimum of three semester units, or four quarter units, must be completed. Choose one course from the following:

2. Communication and Analytical Thinking

BIOL 200	Biological Statistics (M,MMR)
BUSE 101	Business Mathematics (C,M,MMR)
BUSE 115	Statistics for Business (C,M,MMR)
CISC 150	Introduction to Computer and Information Sciences (C,M)
CISC 181	Principles of Information Systems (C,M,MMR)
CISC 246	Discrete Mathematics for Computer Science (M,MMR)
COMS 99	Voice and Diction for Non-Native Speakers of English (C,MMR)
COMS 101	Voice and Articulation (C,M)
COMS 103	Oral Communication (C,M,MMR)
COMS 135	Interpersonal Communication (C,M,MMR)
COMS 160	Argumentation (C,M,MMR)
COMS 170	Small Group Communication (C,M,MMR)
^ COMS 180	Intercultural Communication (C,M,MMR)
GISG 104	Geographic Information Science and Spatial Reasoning (C,M)
HIST 205	Methodology and Practice in History (M)
MATH 57A	Beginning Algebra and Practical Descriptive Statistics (C)
MATH 59	Explorations in Foundations of Math (C)
MATH 85	Practical Career Mathematics (C,M)

MATH 92	Applied Beginning and Intermediate Algebra (C,M,MMR)
MATH 96	Intermediate Algebra and Geometry (C,M,MMR)
MATH 98	Technical Intermediate Algebra and Geometry (C)
MATH 104	Trigonometry (C,M,MMR)
MATH 107	Introduction to Scientific Programming (C)
MATH 107L	Introduction to Scientific Programming Lab (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)
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)
PHIL 100	Logic and Critical Thinking (C,M,MMR)
PHIL 101	Symbolic Logic (C,M,MMR)
* PHIL 205	Critical Thinking and Writing in Philosophy (C,M,MMR)
POLI 201	Elementary Statistics for Political Science (C,M)
PSYC 258	Behavioral Science Statistics (C,M,MMR)

Courses that meet the math competency requirement may also be used to fulfill District General Education Area A2. Communication and Analytical Thinking.

B. Natural Sciences

A minimum of three semester units, or four quarter units, must be completed. Choose one course from the following:

1. Life Sciences

AGRI 107	Introduction to Agricultural Plant Science (C)
ANTH 102	Introduction to Biological Anthropology (C,M,MMR)
ANTH 104	Laboratory in Biological Anthropology (C,M,MMR)
BIOL 100	Natural History - Environmental Biology - Lecture/Laboratory (M,MMR)
BIOL 101	Issues in Environmental Science & Sustainability - Lecture/Laboratory (C,MMR)
BIOL 107	General Biology - Lecture/Laboratory (C,M,MMR)
BIOL 110	Introduction to Oceanography (C,M)
BIOL 111	Cancer Biology (C)
BIOL 115	Marine Biology (C,M,MMR)
BIOL 120	The Environment of Man (M)
BIOL 130	Human Heredity (C,M,MMR)
BIOL 131	Introduction to Biotechnology (MMR)
BIOL 135	Biology of Human Nutrition (C,MMR)
BIOL 160	Elements of Human Anatomy & Physiology - Lecture/Laboratory (M,MMR)
BIOL 180	Plants and People (C,M,MMR)
BIOL 205	General Microbiology (C,M,MMR)
BIOL 210A	Introduction to the Biological Sciences I - Lecture/Laboratory (C,M,MMR)
BIOL 210B	Introduction to the Biological Sciences II - Lecture/Laboratory (C,M,MMR)
BIOL 215	Introduction to Zoology (M)
BIOL 230	Human Anatomy (C,M,MMR)
BIOL 235	Human Physiology (C,M,MMR)
BIOL 250	Introduction to Botany (M)
MEDA 55	Fundamentals Human Anatomy and Physiology (M)
NUTR 150	Nutrition (C,M,MMR)
NUTR 155	Advanced Nutrition (M,MMR)
PSYC 260	Introduction to Physiological Psychology (C,M,MMR)

2. Physical Sciences

AGRI 125	Introduction to Soil Science (C)	GEOL 104	Earth Science (C,M,MMR)
ASTR 101	Descriptive Astronomy (C,M,MMR)	GEOL 111	The Earth Through Time (C,M,MMR)
ASTR 102	Exploring The Solar System and Life Beyond The Earth (C,M,MMR)	GEOL 120	Earth Science Laboratory (C,M)
ASTR 109	Practice in Observing - Laboratory (C,M,MMR)	GEOL 130	Field Geology of San Diego County (C,M,MMR)
ASTR 111	Astronomy Laboratory (C,M,MMR)	OCEA 101	The Oceans (M,MMR)
AVIA 115	Aviation Weather (MMR)	PHYN 100	Survey of Physical Science - Lecture (C,M,MMR)
CHEM 100	Fundamentals of Chemistry (C,M,MMR)	PHYN 101	Survey of Physical Science - Laboratory (C,M)
CHEM 100L	Fundamentals of Chemistry - Laboratory (C,M,MMR)	PHYN 105	Physical Science for Elementary Education (M,MMR)
CHEM 103	General, Organic, and Biological Chemistry (M,MMR)	PHYN 114	Weather and Climate (C,M,MMR)
CHEM 111	Chemistry in Society (C,M,MMR)	PHYS 100	Introductory Physics Lecture/ Laboratory (C,M)
CHEM 111L	Chemistry and Society Laboratory (C,M)	PHYS 125	General Physics (C,M,MMR)
CHEM 130	Introduction to Organic & Biological Chemistry (C,M,MMR)	PHYS 126	General Physics II (C,M,MMR)
CHEM 130L	Introduction to Organic & Biological Chemistry - Laboratory (C,M,MMR)	PHYS 180A	General Physics I (C,M,MMR)
CHEM 152	Introduction to General Chemistry (C,M,MMR)	PHYS 180B	General Physics II (C,M,MMR)
CHEM 152L	Introduction to General Chemistry Laboratory (C,M,MMR)	PHYS 181A	General Physics Lab I (C,M,MMR)
CHEM 160	Introductory Biochemistry (M,MMR)	PHYS 181B	General Physics Lab II (C,M,MMR)
CHEM 200	General Chemistry I - Lecture (C,M,MMR)	PHYS 195	Mechanics (C,M,MMR)
CHEM 200L	General Chemistry I - Laboratory (C,M,MMR)	PHYS 196	Electricity and Magnetism (C,M,MMR)
CHEM 201	General Chemistry II - Lecture (C,M,MMR)	PHYS 197	Waves, Optics and Modern Physics (C,M,MMR)
CHEM 201L	General Chemistry II - Laboratory (C,M,MMR)		
CHEM 231	Organic Chemistry I - Lecture (C,M,MMR)		
CHEM 231L	Organic Chemistry I - Laboratory (C,M,MMR)		
CHEM 233	Organic Chemistry II - Lecture (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 - Laboratory (C,M,MMR)		
GEOL 100	Physical Geology (C,M,MMR)		
GEOL 101	Physical Geology - Laboratory (C,M,MMR)		

C. Humanities

A minimum of three semester units, or four quarter units, must be completed. Choose one course from the following:

^	AAPI 124	Introduction to Asian American and Pacific Islander Studies (C,M,MMR)
	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)
	ARCH 126	History of Ancient World Architecture (M)
	ARCH 127	History of World Architecture: Renaissance Through Contemporary (M)

ARTF 100	Art Orientation (C,M,MMR)	DFLM 101	Introduction to Film (MMR)
ARTF 106	Art of the United States: Colonial to Modern Period (M)	DFLM 102	The American Cinema (MMR)
ARTF 107	Contemporary Art (M,MMR)	DRAM 105	Introduction to Dramatic Arts (C,M)
ARTF 108	Women in Art (M)	DRAM 107	Study of Filmed Plays (C)
ARTF 109	Modern Art (C,M,MMR)	DRAM 108	Playwriting (C,M)
ARTF 110	Art History: Prehistoric to Gothic (C,M,MMR)	^ DRAM 109	Theatre and Social Issues (C,M)
ARTF 111	Art History: Renaissance to Modern (C,M,MMR)	DRAM 111	Chicana/o Theatre (C)
^ ARTF 113	Arts of Africa, Oceania, and the Americas (M,MMR)	DRAM 136	History of Canonized Theatre - Ancient Greece to the Restoration (C,M)
^ ARTF 115	African Art (C,M)	DRAM 137	History of Canonized Western Theatre - Restoration to the Present (C,M)
^ ARTF 120	Native American Art (M)	DRAM 150	Cinema as Art and Communication I (M)
ARTF 125	Art History: Arts of the Asian Continent (C,M,MMR)	DRAM 151	Cinema as Art and Communication II (M)
ARTF 130	Pre-Columbian Art (M)	DRAM 205	The American Musical on Stage and Screen (C)
ARTF 188	Women and Gender in Photography (M)	ENGL 207	The Art of the Sentence (M)
ARTF 191	Cultural Influences on Photography (M)	ENGL 208	Introduction to Literature (C,M,MMR)
ARTF 194	Critical Photography (M)	ENGL 209	Literary Approaches to Film (C,M,MMR)
ARTF 212	Sustainable Art and Design (C)	ENGL 210	American Literature I (C,M,MMR)
ARTG 118	Graphic Design History (C)	ENGL 211	American Literature II (C,M,MMR)
^ BLAS 110	African American Art (C,M)	ENGL 215	English Literature I: 800–1799 (C,M,MMR)
^ BLAS 111	Cultural Influences on African Art (M)	ENGL 216	English Literature II: 1800–Present (C,M,MMR)
^ BLAS 120	Black Music (C,M)	ENGL 220	Masterpieces of World Literature I: 1500 BCE–1600 CE (C,M,MMR)
^ BLAS 150	Black Women in Literature, Film and the Media (C,M,MMR)	ENGL 221	Masterpieces of World Literature II: 1600–Present (C,M,MMR)
^ BLAS 155	African American Literature (C,M,MMR)	^ ENGL 230	Asian American Literature (M,MMR)
CHIC 130	Mexican Literature in Translation (C,M)	^ ENGL 234	Hip Hop Literature: A Poetry Class (C,M,MMR)
^ CHIC 135	Chicana/o Literature (C,M,MMR)	ENGL 237	Women in Literature (C,M,MMR)
CHIC 138	Literature of La Raza in Latin America in Translation (C,M)	ENGL 238	Evaluating Children's Literature (C)
^ CHIC 190	Chicano Images in Film (C,M)	ENGL 240	Shakespeare (C,M)
^ CHIC 210	Chicano Culture (C,M)	FASH 120	Fashion History and Trends (M)
CHIC 230	Chicano Art (C,M)	^ FASH 122	Ethnic Costume (M)
^ CHIC 250	Introduction to Chicana/o Dramatic Art (C,M)	FREN 101	First Course in French (C,M)
CHIN 101	First Course in Mandarin Chinese (M)	FREN 102	Second Course in French (C,M)
CHIN 102	Second Course in Mandarin Chinese (M)	FREN 201	Third Course in French (C,M)
CHIN 201	Third Course in Mandarin Chinese (M)	FREN 202	Fourth Course in French (C,M)
CHIN 202	Fourth Course in Mandarin Chinese (M)	GERM 101	First Course in German (C,M)
DANC 181	History of Dance (C,M)	GERM 102	Second Course in German (C,M)
		GERM 201	Third Course in German (C,M)

* HIST 100	World History I (C,M,MMR)	MUSI 119	Music in Latin America & North America (M)
* HIST 101	World History II (C,M,MMR)	MUSI 125	Music, the Arts, and Society (M)
* HIST 105	Introduction to Western Civilization I (C,M,MMR)	MUSI 126	Rap Music and Hip Hop Culture (M)
* HIST 106	Introduction to Western Civilization II (C,M,MMR)	MUSI 131	Music of California (M)
^* HIST 120	Introduction to Asian Civilizations (C,M,MMR)	MUSI 138	Women in Music (M)
^* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)	PHIL 102A	Introduction to Philosophy: Reality and Knowledge (C,M,MMR)
^* HIST 123	U.S. History from the Asian Pacific American Perspective (C,M,MMR)	PHIL 102B	Introduction to Philosophy: Values (C,M,MMR)
* HIST 131	Latin America Before Independence (M)	PHIL 103	Historical Introduction to Philosophy (C,M)
* HIST 132	Latin America Since Independence (M)	PHIL 104A	History Of Western Philosophy: Ancient to Medieval (C,M,MMR)
HUMA 101	Introduction to the Humanities I (C,M,MMR)	PHIL 104B	History of Western Philosophy: Modern to Contemporary (C,M)
HUMA 102	Introduction to the Humanities II (C,M,MMR)	PHIL 105	Contemporary Philosophy (C,M)
HUMA 103	Introduction to the New Testament(C,M)	PHIL 106	Asian Philosophy (C,M)
HUMA 104	Introduction to the Old Testament (M)	PHIL 107	Reflections on Human Nature (C,M,MMR)
HUMA 106	World Religions (C,M,MMR)	* PHIL 108	Perspectives on Human Nature and Society (C,M)
HUMA 118	Eastern Humanities (M)	PHIL 110	Philosophy of Religion (C,M)
HUMA 119	Western Humanities (M)	PHIL 111	Philosophy In Literature and Other Fiction (C,M)
HUMA 201	Mythology (C,M,MMR)	PHIL 112	Philosophy of Science (M)
HUMA 202	Mythology: Hero's Journey (C)	^* PHIL 125	Philosophy of Women (C,M)
HUMA 205	Exploring Human Values Through Film (M)	PHIL 130	Philosophy of Art and Music (C,M)
HUMA 210	Women in Religion and Myth (M)	PHIL 131	Environmental Ethics (C,M,MMR)
^ INTE 125	History of Furniture and Interiors (M)	* PHIL 205	Critical Thinking and Writing in Philosophy (C,M,MMR)
ITAL 101	First Course in Italian (C,M)	PHOT 150	History of Photography (C)
ITAL 102	Second Course in Italian (C,M)	RTVF 160	Introduction to Cinema (C)
ITAL 201	Third Course in Italian (C,M)	RTVF 162	Women in Film (C)
JAPN 101	First Course in Japanese (M)	RUSS 101	First Course in Russian (C,M)
JAPN 102	Second Course in Japanese (M)	RUSS 102	Second Course in Russian (C,M)
JAPN 201	Third Course in Japanese (M)	RUSS 201	Third Course in Russian (M)
JAPN 202	Fourth Course in Japanese (M)	SPAN 101	First Course in Spanish (C,M,MMR)
MULT 116	Unity Game Development (M)	SPAN 102	Second Course in Spanish (C,M,MMR)
MUSI 100	Introduction to Music (C,M,MMR)	SPAN 201	Third Course in Spanish (C,M,MMR)
MUSI 103	History of Rock Music (C,M,MMR)	SPAN 202	Fourth Course in Spanish (C,M,MMR)
^ MUSI 109	World Music (C,M,MMR)	SPAN 215	Spanish for Spanish Speakers I (C,M)
MUSI 111	Jazz History (C,M,MMR)	SPAN 216	Spanish for Spanish Speakers II (C,M)
MUSI 114	Music of The Beatles (M)	SPAN 221	Hispanic Literature for Spanish Speakers (M)
MUSI 117	Music in the United States (M)	SPAN 222	Hispanic Culture and Civilization for Spanish Speakers (M)
MUSI 118	Asian & Pacific Music (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)

D. Social and Behavioral Sciences

A minimum of three semester units, or four quarter units, must be completed. Choose one course from the following:

^	AAPI 124	Introduction to Asian American and Pacific Islander Studies (C,M,MMR)	^	BLAS 140A	History of the U.S., Black Perspectives (C,M,MMR)
	ADJU 101	Introduction to Administration of Justice (C,MMR)	^	BLAS 140B	History of the U.S., Black Perspectives (C,M,MMR)
^	ADJU 106	Diversity and Community Relations (MMR)	^	BLAS 145A	Introduction to African History (C,M)
	ADJU 230	Constitutional Law I (MMR)	^	BLAS 145B	Introduction to African History (C,M)
	AGRI 100	Principles of Sustainable Agriculture (C)		BLAS 165	Sexuality and Black Culture (C,M)
^	AMSL 150	Introduction to Deaf Culture (C,M)		BLAS 175	Psycho-History of Racism and Sexism (M)
^	ANTH 103	Introduction to Cultural Anthropology (C,M,MMR)		BUSE 100	Introduction to Business (C,M,MMR)
	ANTH 107	Introduction to Archaeology (C,M,MMR)		BUSE 140	Business Law and the Legal Environment (C,M,MMR)
	ANTH 110	Anthropology of Magic, Witchcraft, and Religion (C,M)	^	CHIC 110A	Introduction to Chicana and Chicano Studies (C,M,MMR)
	ANTH 117	Anthropology of Gender and Sexuality (M)	^	CHIC 110B	Introduction to Chicano Studies (C,M)
	ANTH 140	Primatology (C,M)	^	CHIC 140	Chicana/o Sociology (C,M)
^	ANTH 200	Introduction to North American Indians (M)	^	CHIC 141A	United States History from a Chicano Perspective (C,M,MMR)
	ANTH 205	Introduction to Medical Anthropology (M)	^	CHIC 141B	United States History from a Chicano Perspective (C,M,MMR)
^	ANTH 210	Introduction to California Indians (C,M)		CHIC 150	History of Mexico (C,M)
	ANTH 215	Cultures of Latin America (C,M)	^	CHIC 155	Introduction to Central American Studies (M)
	BLAS 100	Introduction to Black Studies (C,M,MMR)		CHIC 170	La Chicana (C,M,MMR)
^	BLAS 104	Black Psychology (C,M,MMR)		CHIC 201	The Indigenous Tradition of Mexico and Ancient Mesoamerica (C,M)
^	BLAS 115	Sociology from a Black Perspective (C)	^	CHIC 210	Chicano Culture (C,M)
^	BLAS 116	Contemporary Social Problems from a Black Perspective (C,M)		CHIL 101	Human Growth and Development (C,M,MMR)
^	BLAS 125	Dynamics of the Black Community (M)		CHIL 103	Lifespan Growth and Development (MMR)
^	BLAS 130	The Black Family (C,M)	^	CHIL 141	The Child, Family and Community (C,M,MMR)
^	BLAS 135	Introduction to Black Politics (C)		COMS 201	Communication and Community (C,MMR)
				CRES 101	Conflict Resolution and Mediation (C)
				DJRN 100	Mass Media in the Digital Age (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 (MMR)
			^	GEND 101	Introduction to Gender Studies (C,MMR)
			^	GEOG 102	Cultural Geography (C,M,MMR)

GEOG 104	World Regional Geography (C,M,MMR)	^*	PHIL 125	Philosophy of Women (C,M)
GEOG 154	Introduction to Urban Geography (C,M)		PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)
* HIST 100	World History I (C,M,MMR)		POLI 101	Introduction to Political Science (C,M,MMR)
* HIST 101	World History II (C,M,MMR)		POLI 102	Introduction to American Government (C,M,MMR)
* HIST 105	Introduction to Western Civilization I (C,M,MMR)		^ POLI 103	Comparative Politics (C,M,MMR)
* HIST 106	Introduction to Western Civilization II (C,M,MMR)		^ POLI 121	American Political Development (C,M,MMR)
HIST 109	History of the United States I (C,M,MMR)		POLI 123	Gender and Politics (M)
HIST 110	History of the United States II (C,M,MMR)		POLI 124	Power and Justice: An Introduction to Political Theory (C,M)
^ HIST 115A	History of the Americas I (C,M,MMR)		^ POLI 140	Contemporary International Politics (C,M,MMR)
^ HIST 115B	History of the Americas II (C,M,MMR)		PSYC 101	General Psychology (C,M,MMR)
^* HIST 120	Introduction to Asian Civilization (C,M,MMR)		PSYC 111	Psychological /Social Aspects of Aging, Death and Dying (C,M)
^* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)		PSYC 121	Introduction to Child Psychology (M)
^* HIST 123	U.S. History from the Asian Pacific American Perspective (C,M,MMR)		PSYC 123	Adolescent Psychology (C,MMR)
^ HIST 130	The Modern Middle East (M)		PSYC 133	Psychology of Women (M,MMR)
* HIST 131	Latin America Before Independence (M)		PSYC 135	Marriage and Family Relations (C,M,MMR)
* HIST 132	Latin America Since Independence (M)		PSYC 137	Human Sexual Behavior (C,M,MMR)
HIST 135	History of Technology (M)		PSYC 155	Introduction to Personality (C,M,MMR)
HIST 141	Women in United States History I (M,MMR)		PSYC 166	Introduction to Social Psychology (C,M,MMR)
HIST 142	Women in United States History II (M,MMR)		PSYC 211	Learning (C,M,MMR)
^ HIST 150	Native Americans in United States History I (M)		PSYC 230	Psychology of Lifespan Development (C,M,MMR)
^ HIST 151	Native Americans in United States History II (M)		PSYC 245	Abnormal Psychology (C,M,MMR)
HIST 154	Ancient Egypt (M)		PSYC 283	Introduction to Cognitive Psychology (C,M,MMR)
HIST 175	California History (M)		RTVF 101	Media Law and Ethics (C)
HUMS 101	Introduction to Human Aging (C)		^ SOCO 101	Principles of Sociology (C,M,MMR)
JOUR 202	Introduction to Mass Communication (C,M,MMR)		^ SOCO 110	Contemporary Social Problems (C,M,MMR)
^ NUTR 153	Cultural Foods (M)		^ SOCO 125	Sociology of the Family (C,M)
PADM 110	Introduction to Law and Society (C,M)		SOCO 145	Health and Society (C,M,MMR)
PADM 200	Introduction to Public Administration (C,MMR)		^ SOCO 150	Sociology of Latinos/Latinas (C,M)
PEAC 101	Introduction to Peace Studies (C)		SOCO 201	Advanced Principles of Sociology (C,M,MMR)
* PHIL 108	Perspectives on Human Nature and Society (C,M)		^ SOCO 207	Introduction to Race and Ethnicity (C,M,MMR)
PHIL 109	Issues in Social Philosophy (C,M)		SOCO 220	Introduction to Research Methods in Sociology (C,M,MMR)
			^ SOCO 223	Globalization and Social Change (C,M,MMR)

- SUST 101 Introduction to Sustainability (C,M,MMR)
- ^ WMNS 101 Introduction to Gender and Women's Studies (M)

The following information replaces the table on page 132.

Course	Area US-1: Development of American Institutions	Area US-2: US Constitution	Area US-3: California State & Local Governments
^BLAS 140A History of the U.S., Black Perspectives (C,M,MMR)	✓	✓	
^BLAS 140B History of the U.S., Black Perspectives (C,M,MMR)	✓		✓
^CHIC 141A U.S. History from a Chicano Perspective (C,M,MMR)	✓	✓	
^CHIC 141B U.S. History from a Chicano Perspective (C,M,MMR)	✓		✓
HIST 109 History of the United States I (C,M,MMR)	✓	✓	
HIST 110 History of the United States II (C,M,MMR)	✓		✓
^HIST 115A History of the Americas I (C,M,MMR)	✓	✓	
^HIST 115B History of the Americas II (C,M,MMR)	✓		✓
^HIST 123 U.S. History from the Asian Pacific American Perspective (C,M,MMR)	✓		✓
HIST 141 Women in United States History I (M,MMR)	✓	✓	
HIST 142 Women in United States History II (M,MMR)	✓		✓
^HIST 150 Native Americans in United States History I (M)	✓	✓	
^HIST 151 Native Americans in United States History II (M)	✓		✓
HIST 175 California History (M)			✓
POLI 102 Introduction to American Government (C,M,MMR)		✓	✓
^POLI 121 American Political Development (C,M,MMR)	✓	✓	

NOTES:

- **Courses designated with a caret (^) may also be used to fulfill the District Multicultural studies requirement.**
- **Completion of the Advanced Placement examination in U.S. History with a score of 3 or higher will satisfy the requirement for the CSU American Institutions Area US-1 only.**
- **Completion of the Advanced Placement examination in U.S. Government & Politics with a score of 3 or higher will satisfy the requirement for Area US-2.**
- **Students who have completed the American Institutions requirement except for the California government portion must complete one course approved in Area US-3.**

The following is added to/replaces or removes information for the following pages 136-143:

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

- 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)

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 (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)

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 (C,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 (C,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)
HUMA 106	World Religions (C,M,MMR)	SPAN 222	Hispanic Culture and Civilization for Spanish Speakers (M)
HUMA 118	Eastern Humanities (M)	TAGA 102	Second Course in Tagalog (MMR)
HUMA 119	Western Humanities (M)	TAGA 201	Third Course in Tagalog (MMR)
HUMA 201	Mythology (C,M,MMR)	VIET 102	Second Course in Vietnamese (M)
HUMA 205	Exploring Human Values through Film (M)	VIET 201	Third Course in Vietnamese (M)
HUMA 210	Women in Religion and Myth (M)		
ITAL 102	Second Course in Italian (C,M)		
ITAL 201	Third Course in Italian (C,M)		
JAPN 102	Second Course in Japanese (M)		
JAPN 201	Third Course in Japanese (M)		
JAPN 202	Fourth Course in Japanese (M)		

Area 4—Social and Behavioral Sciences

2 courses, 6 semester/8 quarter units
Courses from at least two disciplines.

4: Social and Behavioral Sciences

AAPI 124	Introduction to Asian American and Pacific Islander Studies (C,M,MMR)	CHIC 150	History of Mexico (C,M)
ADJU 101	Introduction to Administration of Justice (C,MMR)	CHIC 155	Introduction to Central American Studies (M)
ADJU 230	Constitutional Law I (MMR)	CHIC 170	La Chicana (C,M,MMR)
AGRI 100	Principles of Sustainable Agriculture (C)	CHIC 201	The Indigenous Tradition of Mexico and Ancient Mesoamerica (C,M)
* AMSL 150	Introduction to Deaf Culture (C,M)	* CHIC 210	Chicano Culture (C,M)
ANTH 103	Introduction to Cultural Anthropology (C,M,MMR)	+ CHIL 101	Human Growth and Development (C,M,MMR)
ANTH 106	World Prehistory (C,M)	+ CHIL 103	Lifespan Growth and Development (MMR)
ANTH 107	Introduction to Archaeology (C,M,MMR)	* COMS 135	Interpersonal Communication (C,M,MMR)
ANTH 110	Anthropology of Magic, Witchcraft, and Religion (C,M)	COMS 201	Communication and Community (C,MMR)
ANTH 117	Anthropology of Gender and Sexuality (M)	CRES 101	Conflict Resolution and Mediation (C)
ANTH 140	Primatology (C,M)	DJRN 100	Mass Media in the Digital Age (C)
ANTH 200	Introduction to North American Indians (M)	ECON 120	Principles of Macroeconomics (C,M,MMR)
ANTH 210	Introduction to California Indians (C,M)	ECON 121	Principles of Microeconomics (C,M,MMR)
ANTH 215	Cultures of Latin America (C,M)	ECON 220	Economics of the Environment (C,M)
* ARTF 108	Women in Art (M)	ENGL 202	Introduction to Linguistics (C,M)
BLAS 100	Introduction to Black Studies (C,M,MMR)	FILI 100	Filipino American Experience (MMR)
+ BLAS 104	Black Psychology (C,M,MMR)	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)	GEOG 104	World Regional Geography (C,M,MMR)
BLAS 125	Dynamics of the Black Community (M)	GEOG 154	Introduction to Urban Geography (C,M)
BLAS 130	The Black Family (C,M)	* HEAL 103	Introduction to Public Health (C,M)
BLAS 135	Introduction to Black Politics (C)	HEAL 104	Public Health and Social Justice (M)
+ BLAS 140A	History of the U.S., Black Perspectives (C,M,MMR)	* HIST 100	World History I (C,M,MMR)
+ BLAS 140B	History of the U.S., Black Perspectives (C,M,MMR)	* HIST 101	World History II (C,M,MMR)
* BLAS 145A	Introduction to African History (C,M)	* HIST 105	Introduction to Western Civilization I (C,M,MMR)
* BLAS 145B	Introduction to African History (C,M)	* HIST 106	Introduction to Western Civilization II (C,M,MMR)
BLAS 175	Psycho-History of Racism and Sexism (M)	+ HIST 109	History of the United States I (C,M,MMR)
CHIC 110A	Introduction to Chicana and Chicano Studies (C,M,MMR)	+ HIST 110	History of the United States II (C,M,MMR)
CHIC 110B	Introduction to Chicano Studies (C,M)	HIST 115A	History of the Americas I (C,M,MMR)
CHIC 140	Chicana/o Sociology (C,M)	HIST 115B	History of the Americas II (C,M,MMR)
+ CHIC 141A	United States History From a Chicano Perspective (C,M,MMR)	* HIST 120	Introduction to Asian Civilizations (C,M,MMR)
+ CHIC 141B	United States History From a Chicano Perspective (C,M,MMR)	* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)
		HIST 123	U.S. History from the Asian Pacific American Perspective (C,M,MMR)
		HIST 130	The Modern Middle East (M)

* 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 (C,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)		
POLI 103	Comparative Politics (C,M,MMR)		
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)		
PSYC 111	Psychological/Social Aspects of Aging, Death and Dying (C,M)		
+ PSYC 121	Introduction to Child Psychology (M)		
+ PSYC 123	Adolescent Psychology (C,MMR)		
PSYC 133	Psychology of Women (M,MMR)		
PSYC 135	Marriage and Family Relations (C,M,MMR)		
+ PSYC 137	Human Sexual Behavior (C,M,MMR)		
PSYC 155	Introduction to Personality (C,M,MMR)		
PSYC 166	Introduction to Social Psychology (C,M,MMR)		
PSYC 211	Learning (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)	+ BIOL 100	Natural History Environmental Biology (M,MMR)
AVIA 115	Aviation Weather (MMR)	BIOL 101	Issues in Environmental Science & Sustainability (C,MMR)
+ CHEM 100	Fundamentals of Chemistry (C,M,MMR)	+ BIOL 107	General Biology - Lecture and Lab (C,M,MMR)
<u>CHEM 103</u>	General, Organic, and Biological Chemistry (M,MMR)	BIOL 110	Introduction to Oceanography (C,M)
CHEM 111	Chemistry in Society (C,M,MMR)	<u>BIOL 115</u>	Marine Biology (C,M,MMR)
+ CHEM 130	Introduction to Organic & Biological Chemistry (C,M,MMR)	+ BIOL 120	The Environment of Man (M)
+ CHEM 152	Introduction to General Chemistry (C,M,MMR)	BIOL 130	Human Heredity (C,M,MMR)
CHEM 160	Introductory Biochemistry (M,MMR)	<u>BIOL 131</u>	Introduction to Biotechnology (MMR)
CHEM 200	General Chemistry I - Lecture (C,M,MMR)	+ BIOL 180	Plants and People (C,M,MMR)
CHEM 201	General Chemistry II - Lecture (C,M,MMR)	<u>BIOL 205</u>	General Microbiology (C,M,MMR)
+ CHEM 231	Organic Chemistry I - Lecture (C,M,MMR)	<u>BIOL 210A</u>	Introduction to the Biological Sciences I (C,M,MMR)
CHEM 233	Organic Chemistry II - Lecture (C,M,MMR)	<u>BIOL 210B</u>	Introduction to the Biological Sciences II (C,M,MMR)
<u>CHEM 251</u>	Quantitative Analytical Chemistry (C,M,MMR)	+ BIOL 215	Introduction to Zoology (M)
GEOG 101	Physical Geography (C,M,MMR)	<u>BIOL 230</u>	Human Anatomy (C,M,MMR)
GEOL 100	Physical Geology (C,M,MMR)	<u>BIOL 235</u>	Human Physiology (C,M,MMR)
GEOL 104	Earth Science (C,M,MMR)	+ <u>BIOL 250</u>	Introduction to Botany (M)
<u>GEOL 111</u>	The Earth Through Time (C,M,MMR)	PSYC 260	Introduction to Physiological Psychology (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)

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)
+ <u>PHYS 100</u>	Introductory Physics (C,M,MMR)
+ PHYS 181A	General Physics Lab I (C,M,MMR)

+ PHYS 181B General Physics Lab II (C,M,MMR)

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

BLAS 100	Introduction to Black Studies (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 (MMR)

The following is added to/replaces or removes information for the following pages 144-151:

The CSUGE-Breadth Pattern (Option 2)

The following information is based on the 2023–2024 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 (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

B1: Physical Science

AGRI 125 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)

CHEM 103 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>	The Earth Through Time (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)
<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)

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)
<u>PHYS 100</u>	Introductory Physics (C,M)
PHYS 181A	General Physics Lab I (C,M,MMR)

PHYS 181B General Physics Lab II (C,M,MMR)

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)
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.***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)
ARTG 118	Graphic Design History (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)
DANC 181	History of Dance (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)
DRAM 109	Theatre and Social Issues (C,M)
DRAM 111	Chicana/o Theatre (C)

DRAM 136	History of Canonized Theatre - Ancient Greece to the Restoration (C,M)	ARCH 127	History of World Architecture: Renaissance Through Contemporary (M)
DRAM 137	History of Canonized Western Theatre - Restoration to the Present (C,M)	ARTF 108	Women in Art (M)
DRAM 150	Cinema as Art and Communication I (M)	* ARTF 188	Women and Gender in Photography (M)
DRAM 151	Cinema as Art and Communication II (M)	ARTF 191	Cultural Influences on Photography (M)
DRAM 205	The American Musical on Stage and Screen (C)	* BLAS 145A	Introduction to African History (C,M)
FASH 120	Fashion History and Trends (M)	* BLAS 145B	Introduction to African History (C,M)
FASH 122	Ethnic Costume (M)	BLAS 150	Black Women in Literature, Film and the Media (C,M,MMR)
INTE 125	History of Furniture and Interiors (M)	BLAS 155	African American Literature (C,M,MMR)
MUSI 100	Introduction to Music (C,M,MMR)	CHIC 130	Mexican Literature in Translation (C,M)
MUSI 103	History of Rock Music (C,M,MMR)	CHIC 135	Chicana/o Literature (C,M,MMR)
MUSI 109	World Music (C,M,MMR)	CHIC 138	Literature of La Raza in Latin America in Translation (C,M)
MUSI 111	Jazz History (C,M,MMR)	CHIC 190	Chicano Images in Film (C,M)
MUSI 114	Music of The Beatles (M)	CHIC 210	Chicano Culture (C,M)
MUSI 117	Music in the United States (M)	CHIN 101	First Course in Mandarin Chinese (M)
MUSI 118	Asian & Pacific Music (M)	CHIN 102	Second Course in Mandarin Chinese (M)
MUSI 119	Music in Latin America & North America (M)	CHIN 201	Third Course in Mandarin Chinese (M)
MUSI 125	Music, the Arts, and Society (M)	CHIN 202	Fourth Course in Mandarin Chinese (M)
MUSI 126	Rap Music and Hip Hop Culture (M)	ENGL 208	Introduction to Literature (C,M,MMR)
MUSI 131	Music of California (M)	ENGL 209	Literary Approaches to Film (C,M,MMR)
MUSI 138	Women in Music (M)	ENGL 210	American Literature I (C,M,MMR)
PHOT 150	History of Photography (C)	ENGL 211	American Literature II (C,M,MMR)
RTVF 160	Introduction to Cinema (C)	ENGL 215	English Literature I: 800–1799 (C,M,MMR)
RTVF 162	Women in Film (C)	ENGL 216	English Literature II: 1800–Present (C,M,MMR)
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C2: Humanities (Literature, Philosophy, Languages Other than English)			
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AMSL 120	American Sign Language Level I (C,M,MMR)	ENGL 220	Masterpieces of World Literature I: 1500 BCE–1600 CE (C,M,MMR)
AMSL 121	American Sign Language Level II (C,M,MMR)	ENGL 221	Masterpieces of World Literature II: 1600–Present (C,M,MMR)
* AMSL 150	Introduction to Deaf Culture (C,M)	ENGL 230	Asian American Literature (M,MMR)
AMSL 220	American Sign Language Level III (C,M)	ENGL 234	Hip Hop Literature: A Poetry Class (C,M,MMR)
AMSL 221	American Sign Language Level IV (C,M)	ENGL 237	Women in Literature (C,M,MMR)
ARAB 101	First Course in Arabic (C)	ENGL 238	Evaluating Children's Literature (C)
ARAB 102	Second Course in Arabic (C)	ENGL 240	Shakespeare (C,M)
ARAB 201A	Third Course in Arabic (C)	FREN 101	First Course in French (C,M)
ARCH 126	History of Ancient World Architecture (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)	PHIL 104B	History of Western Philosophy: Modern to Contemporary (C,M)
GERM 101	First Course in German (C,M)	PHIL 105	Contemporary Philosophy (C,M)
GERM 102	Second Course in German (C,M)	PHIL 106	Asian Philosophy (C,M)
GERM 201	Third Course in German (C,M)	PHIL 107	Reflections on Human Nature (C,M,MMR)
* HIST 100	World History I (C,M,MMR)	PHIL 108	Perspectives on Human Nature and Society (C,M)
* HIST 101	World History II (C,M,MMR)	PHIL 110	Philosophy of Religion (C,M)
* HIST 105	Introduction to Western Civilization I (C,M,MMR)	PHIL 111	Philosophy In Literature and Other Fiction (C,M)
* HIST 106	Introduction to Western Civilization II (C,M,MMR)	PHIL 112	Philosophy of Science (M)
* HIST 120	Introduction to Asian Civilizations (C,M,MMR)	PHIL 125	Philosophy of Women (C,M)
* HIST 121	Asian Civilizations in Modern Times (C,M,MMR)	* PHIL 126	Introduction to Philosophy of Contemporary Gender Issues (C,M)
* HIST 131	Latin America Before Independence (M)	PHIL 130	Philosophy of Art and Music (C,M)
* HIST 132	Latin America Since Independence (M)	PHIL 131	Environmental Ethics (C,M,MMR)
* HIST 154	Ancient Egypt (M)	RUSS 101	First Course in Russian (C,M)
* HUMA 101	Introduction to the Humanities I (C,M,MMR)	RUSS 102	Second Course in Russian (C,M)
HUMA 102	Introduction to the Humanities II (C,M,MMR)	RUSS 201	Third Course in Russian (M)
HUMA 103	Introduction to the New Testament (C,M)	SPAN 101	First Course in Spanish (C,M,MMR)
HUMA 104	Introduction to the Old Testament (M)	SPAN 102	Second Course in Spanish (C,M,MMR)
HUMA 106	World Religions (C,M,MMR)	SPAN 201	Third Course in Spanish (C,M,MMR)
HUMA 118	Eastern Humanities (M)	SPAN 202	Fourth Course in Spanish (C,M,MMR)
HUMA 119	Western Humanities (M)	SPAN 215	Spanish for Spanish Speakers I (C,M)
HUMA 201	Mythology (C,M,MMR)	SPAN 216	Spanish for Spanish Speakers II (C,M)
HUMA 202	Mythology: Hero's Journey (C)	SPAN 221	Hispanic Literature for Spanish Speakers (M)
HUMA 205	Exploring Human Values through Film (M)	SPAN 222	Hispanic Culture and Civilization for Spanish Speakers (M)
HUMA 210	Women in Religion and Myth (M)	TAGA 101	First Course in Tagalog (MMR)
ITAL 101	First Course in Italian (C,M)	TAGA 102	Second Course in Tagalog (MMR)
ITAL 102	Second Course in Italian (C,M)	TAGA 201	Third Course in Tagalog (MMR)
ITAL 201	Third Course in Italian (C,M)	VIET 101	First Course in Vietnamese (M)
JAPN 101	First Course in Japanese (M)	VIET 102	Second Course in Vietnamese (M)
JAPN 102	Second Course in Japanese (M)	VIET 201	Third Course in Vietnamese (M)
JAPN 201	Third Course in Japanese (M)		
JAPN 202	Fourth Course in Japanese (M)		
PHIL 102A	Introduction to Philosophy: Reality and Knowledge (C,M,MMR)		
PHIL 102B	Introduction to Philosophy: Values (C,M,MMR)		
* PHIL 103	Historical Introduction to Philosophy (C,M)		
PHIL 104A	History Of Western Philosophy: Ancient to Medieval (C,M,MMR)		

Area D. Social Sciences:

Six Semester units (8 quarter units).

AAPI 124 Introduction to Asian American and Pacific Islander (C,M,MMR)

ADJU 101	Introduction to Administration of Justice (C,MMR)	CHIC 140	Chicana/o Sociology (C,M)
ADJU 106	Diversity and Community Relations (MMR)	CHIC 141A	United States History from a Chicano Perspective (C,M,MMR)
ADJU 230	Constitutional Law I (MMR)	CHIC 141B	United States History from a Chicano Perspective (C,M,MMR)
AGRI 100	Principles of Sustainable Agriculture (C)	CHIC 150	History of Mexico (C,M)
* AMSL 150	Introduction to Deaf Culture (C,M)	CHIC 155	Introduction to Central American Studies (M)
ANTH 103	Introduction to Cultural Anthropology (C,M,MMR)	CHIC 170	La Chicana (C,M,MMR)
ANTH 106	World Prehistory (C,M)	CHIC 201	The Indigenous Tradition of Mexico and Ancient Mesoamerica (C,M)
ANTH 107	Introduction to Archaeology (C,M,MMR)	CHIC 210 Chicano Culture (C,M)	
ANTH 110	Anthropology of Magic, Witchcraft, and Religion (C,M)	* CHIL 101	Human Growth and Development (C,M,MMR)
ANTH 117	Anthropology of Gender and Sexuality (M)	* CHIL 103	Lifespan Growth and Development (MMR)
ANTH 140	Primatology (C,M)	CHIL 141	The Child, Family and Community (C,M,MMR)
ANTH 200	Introduction to North American Indians (M)	* COMS 135	Interpersonal Communication (C,M,MMR)
ANTH 205	Introduction to Medical Anthropology (M)	COMS 201	Communication and Community (C,MMR)
ANTH 210	Introduction to California Indians (C,M)	CRES 101	Conflict Resolution and Mediation (C)
ANTH 215	Cultures of Latin America (C,M)	DJRN 100	Mass Media in the Digital Age (C)
ARTF 108	Women in Art (M)	ECON 120	Principles of Macroeconomics (C,M,MMR)
BLAS 100	Introduction to Black Studies (C,M,MMR)	ECON 121	Principles of Microeconomics (C,M,MMR)
BLAS 104	Black Psychology (C,M,MMR)	ECON 220	Economics of the Environment (C,M)
BLAS 115	Sociology from a Black Perspective (C)	ENGL 202	Introduction to Linguistics (C,M)
BLAS 116	Contemporary Social Problems from a Black Perspective (C,M)	FILI 100	Filipino American Experience (MMR)
BLAS 125	Dynamics of the Black Community (M)	GDEV 101	Introduction to Global Development Studies (C)
BLAS 130	The Black Family (C,M)	GEND 101	Introduction to Gender Studies (C,MMR)
BLAS 135	Introduction to Black Politics (C)	GEOG 102	Cultural Geography (C,M,MMR)
BLAS 140A	History of the U.S., Black Perspectives (C,M,MMR)	GEOG 104	World Regional Geography (C,M,MMR)
BLAS 140B	History of the U.S., Black Perspectives (C,M,MMR)	GEOG 154	Introduction to Urban Geography (C,M)
* BLAS 145A	Introduction to African History (C,M)	* HEAL 103	Introduction to Public Health (C,M)
* BLAS 145B	Introduction to African History (C,M)	HEAL 104	Public Health and Social Justice (M)
BLAS 175	Psycho-History of Racism and Sexism (M)	* HIST 100	World History I (C,M,MMR)
CHIC 110A	Introduction to Chicana and Chicano Studies (C,M,MMR)	* HIST 101	World History II (C,M,MMR)
CHIC 110B	Introduction to Chicano Studies (C,M)	* HIST 105	Introduction to Western Civilization I (C,M,MMR)
		* HIST 106	Introduction to Western Civilization II (C,M,MMR)

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

*	BLAS 100	Introduction to Black Studies (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 (MMR)

The following is added to/replaces or removes information for the following pages 386:

Note: The deactivation of this course is effective Fall 2014.

167 Webpage Creation Using Microsoft Expression Web

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

Advisory: Computer Business Technology 101, 102- or 103- and 114- and 161-, each with a grade of "C" or better, or equivalent; English 47A- or English 48- and English 49-, each with a grade of "C" or better, or equivalent or Milestone R50- and W50-. This course teaches students how to create websites using Microsoft Expression Web. Students use a hands-on approach to design, analyze, create,

manage, and publish websites on the Internet for personal or business use. Topics include formatting text using Hypertext Markup Language (HTML), Extensible Hypertext Markup Language (XHTML), and Cascading Style Sheets (CSS). Other topics include images, hyperlinks, templates, tables, forms, and page layout and design. This course is intended for students majoring in Computer Business Technology or others interested in web design. (FT) AA/AS; CSU.

The following is added to/replaces or removes information for the following pages 243:

Certificate of Achievement: Coding Specialist

Courses required for the Major:		Units
MEDA 55	Fundamentals Human Anatomy and Physiology	3
MEDA 110	Medical Terminology	3
MEDA 115	Pathophysiology	3
HEIT 110	Introduction to Health Information	4
HEIT 130	Basic Pharmacology	1
HEIT 214	ICD Coding I	3
HEIT 215	ICD Coding II	3
HEIT 155	Current Procedural Terminology (CPT) Coding	3
HEIT 160	Healthcare Reimbursement	2
HEIT 225	Introduction to Revenue Cycle	3
		Total Units = 25 26

The following is added to/replaces or removes information for the following pages 243-244:

Associate of Science Degree: Health Information Technology

Courses required for the Major:		Units
HEIT 110	Introduction to Health Information	4
HEIT 130	Basic Pharmacology	1
HEIT 135	Computer Basics for Health Information	1
HEIT 140	Fundamentals of Law for Health Information	3
HEIT 155	Current Procedural Terminology (CPT) Coding	3
HEIT 225	Introduction to Revenue Cycle	3
HEIT 160	Healthcare Reimbursement	2
HEIT 214	ICD Coding I	3
HEIT 215	ICD Coding II	3
HEIT 220	Principles of Leadership	2
HEIT 256	Statistics for Healthcare	3

HEIT 258	Healthcare Quality Management	3
HEIT 266	Directed Clinical Practice	2.5

Total Units = 30.5 31.5

For graduation requirements see **Requirements for the Associate Degree** on page 110.

Students pursuing the Bachelor of Science Degree: Health Information Management are required to complete one of the following general education options:

- The California State University General Education Breadth pattern
- The Intersegmental General Education Transfer Curriculum pattern

Electives as needed to meet minimum of 60 units required for the degree.

Note: Students must complete HEIT 214 (formerly HEIT 155A) and 215 (formerly HEIT 155B) within five years in order to receive the Health Information Technology Associate of Science degree.

The following is added to/replaces or removes information for the following pages 244-245:

Health Information Management

Bachelor of Science Degree: Health Information Management

Lower Division Courses Required for the Degree

HEIT 110	Introduction to Health Information	4
HEIT 130	Basic Pharmacology	1
HEIT 135	Computer Basics for Health Information	1
HEIT 140	Fundamentals of Law for Health Information	3
HEIT 155	Current Procedural Terminology (CPT) Coding	3
HEIT 225	Introduction to Revenue Cycle	3
HEIT 160	Healthcare Reimbursement	2
HEIT 214	ICD Coding I	3
HEIT 215	ICD Coding II	3
HEIT 220	Principles of Leadership	2
HEIT 256	Statistics for Healthcare	3
HEIT 258	Healthcare Quality Management	3
HEIT 266	Directed Clinical Practice	2.5

Upper Division Courses Required for the Degree

HIMS 405	Foundations in Health Information Management	4
HIMS 408	Ethics in Healthcare Administration	3

ENGL 401	Advanced Writing for Healthcare Professionals	3
HIMS 410	Healthcare Informatics	4
HIMS 411	Healthcare Informatics	3
PSYC 401	Organizational Psychology for the Healthcare Professional	3
HIMS 415	Healthcare Analytics	4
HIMS 418	Topics in Legal and Compliance for Healthcare Professionals	4
HIMS 420	Principles of Finance for Health Information Management	3
CISC 401	Database Management and Design for Healthcare Professionals	4
HIMS 425	Revenue Cycle Management	3
HIMS 430	Human Resources Management in Healthcare	4
HIMS 431	Human Resources Management in Healthcare	3
HIMS 435	Project Management in the Healthcare Setting	3
HIMS 440	Leadership and Strategic Management for Healthcare Professionals	4
HIMS 445	Healthcare Information Systems Analysis and Design	4
HIMS 450	Healthcare Information Systems Analysis and Design	3
HIMS 455	Applied Research Project in Health Information Management	3
HIMS 460	Advanced Directed Clinical Placement	1

Total Units = 84.5-82.5

Note: Registered health information technician (RHIT) national certification is recommended.

The following is added to/replaces or removes information for the following pages 243-244:

Certificate of Achievement: Physics

Courses Required for the Major:	Units	
PHYS 195	Mechanics	5
PHYS 196	Electricity & Magnetism	5
PHYS 197	Waves, Optics, & Modern Physics	5

Plus 20 units selected from the following:

CHEM 200	General Chemistry I – Lecture	3
CHEM 200L	General Chemistry I – Lab	2
CHEM 201	General Chemistry II – Lecture	3
CHEM 201L	General Chemistry II – Lab	2
MATH 141	Precalculus	5
MATH 150	Calculus with Analytic Geometry I	5
MATH 151	Calculus with Analytic Geometry II	4

MATH 252 Calculus with Analytic Geometry III 4

Total Units = 35 28

Associate of Science Degree: Physics

Courses Required for the Major:	Units	
PHYS 195	Mechanics	5
PHYS 196	Electricity & Magnetism	5
PHYS 197	Waves, Optics, & Modern Physics	5

Plus 20 units selected from the following:

MATH 150	Calculus with Analytic Geometry I	5
MATH 151	Calculus with Analytic Geometry II	4
MATH 252	Calculus with Analytic Geometry III	4
CHEM 200	General Chemistry I – Lecture	3
CHEM 200L	General Chemistry I – Lab	2
CHEM 201	General Chemistry II – Lecture	3
CHEM 201L	General Chemistry II – Lab	2
MATH 141	Precalculus	5

Total Units = 35 38

For graduation requirements see **Requirements for the Associate Degree** on page 110.

Electives (Mesa College) as needed to meet minimum of 60 units required for the degree.

Recommended Electives: Astronomy 101, 109, 111, 290; Biology 107; Chemistry 100, 100L, 130, 130L, 152, 152L, 160, 161, 200, 200L, 201, 201L, 231, 231L, 233, 233L, 251, 255, 290, 296; Communication Studies 103; Computer and Information Sciences 150; Economics 120; Engineering 115, 151, 200, 210, 250, 260, 270; Geography 101, 101L, 102, 290; Geology 290, 296; Mathematics 96, 104, 118, 119, 141, 150, 151; Physical Sciences 100, 101, 290, 296; Physics 100, 125, 126, 195, 196, 197, 290.