

Transfer Information

Students planning to transfer from College of Marin to another college or university should plan their program to include both general education requirements and the specific major requirements of a particular college or university. A transfer student is advised to seek assistance from a counselor. Students should work closely with their counselor in order to make appropriate course choices that will permit transfer with junior standing to a four-year institution after two years at College of Marin. Lower division requirements vary considerably from college to college. Careful planning can avoid taking classes that do not meet requirements.

A student who intends to transfer should consult the catalog of the institution to which they intend to transfer. Catalogs of the major universities and colleges are available for reference from the Transfer and Career Center located in the Student Services Center. The earlier a student makes a decision regarding a transfer institution, the better the possibility is for meeting all requirements without delay.

California State University Transfer Information

Lower Division Transfer Admission Requirements

College of Marin students with fewer than 56 transferable semester units are considered lower division transfer students.

You are eligible for admission to California State University if you:

1. Have a college grade point average of 2.00 or higher in all transferable college units attempted.
2. Are in good standing at College of Marin, i.e., you are eligible to re-enroll.
3. Meet the admission requirements for a first-time freshman or have successfully completed necessary courses to make up the deficiencies you had in high school if you did not complete the 15-unit pattern of college preparatory subjects.
4. Meet the eligibility index required of a freshman.

5. Some campuses may require completion of English composition and general education mathematics.
6. Contact your campus of choice to determine whether there are limits on admission as a lower division transfer.

Upper Division Transfer Admission Requirements

College of Marin students with 56 or more transferable semester units are considered upper division transfer students.

You are eligible for admission to California State University if you:

1. Have a college grade point average of 2.00 or higher (2.40 for non-California residents) in all transferable college units attempted.
2. Are in good standing at College of Marin, i.e., you are eligible to re-enroll.
3. Have completed or will complete prior to transfer at least 30 semester units of courses equivalent to general education requirements with a grade of "C" or higher. The 30 units must include all of the general education requirements in communication in the English language (English composition, oral communication, and critical thinking) and at least one course of at least three semester units (four quarter units) required in college level mathematics.

Required Placement Tests

Upper division transfer students who have completed English composition and college level math courses with a grade of C or higher are exempt from the English Placement Test (EPT) and the Entry Level Mathematics Test (ELM). Upper division transfer students must complete both English composition and college level mathematics prior to enrolling at a CSU campus.

Lower division transfer students will be required to take the tests if they are not exempt based on their SAT or ACT scores or if they have not completed appropriate English composition and a college level math course with a grade of C or higher.

Transcripts for California State University

Transfer students to the California State University must submit official transcripts directly from all colleges or universities previously attended even if no coursework was completed. If transferring with fewer than 56 transferable semester units completed, transfer applicants must submit high school transcripts. Transcripts must be received in sealed envelopes directly from each institution attended. The first two copies of student transcripts from College of Marin are free.

General Education Program for the Bachelor's Degree at California State University

In addition to other requirements for graduation with a baccalaureate degree, California State University requires preparation for general education. Proper planning should enable students to satisfy the state university general education breadth requirements concurrently with requirements for either an Associate in Arts (A.A.) or Associate in Science (A.S.) degree from College of Marin.

CSU General Education Certification

Approximately 124 semester units are required for a Baccalaureate degree at a California State University of which 48 units must be general education courses. **Thirty-nine units may be completed and certified in whole or in part at College of Marin.** The remaining nine units must be taken as upper division courses after transfer to the four-year university.

Community colleges may certify no more than 30 units of general education from Subject Areas B, C, and D combined. The remaining units may be taken from Areas A and/or E.

Completion of 39 units of general education for the California State University System is **not** a requirement for admission. However, it is recommended that these 39 units be completed during the first two years of college.

Students must make a request for certification prior to attending California State University by completing two forms:

1. A Request for Transcript,
2. A Request for General Education Certification.

United States History, Constitution, and American Ideals Requirement

In addition to general education, state universities and colleges also require United States History, and Constitution and American Ideals for graduation. Courses at the College of Marin that fulfill the two-course requirement are:

1. One course in United States History to be chosen from the following:

Ethnic Studies 111 or 112 or 121 or 151
History 100 or 117 or 118
2. One course in Constitution and American Ideals to be chosen from the following:

Political Science 100 or 101

2003-2004 CSU General Education Program

AREA A - COMMUNICATION IN THE ENGLISH LANGUAGE AND CRITICAL THINKING (Nine units)

Select one course from each group.

Group I - Oral Communication

Speech 110, 120, 122, 132

Group II - Written Communication

English 150

Group III - Critical Thinking

English 130, 151, 155
Philosophy 112
Social Science 125
Speech 132

Area Note

- (a) Speech 132 may be used for Group I or Group III, but not both
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AREA B - NATURAL SCIENCES AND MATHEMATICS

(Nine units)

Select one course from each group. One of the courses selected from Group I or II must include a laboratory.

Asterisk (*) indicates laboratory course.

Group I - Physical Sciences

Astronomy 101, 105, 117F*, 117L*
 Biology 105, 138
 Chemistry 105, 105L*, 110*, 114*, 131*
 Geography 101, 101L*, 112
 Geology 105, 109, 110, 120, 120L*, 121*, 138
 Physics 108A*, 110, 207A*

Group II - Biological Sciences

Anthropology 101, 101L*
 Astronomy 105
 Biology 105, 107, 109, 110, 110L*, 115*, 116*, 120*, 162*, 224*, 235*, 240*
 Geology 105
 Physical Education 107

Group III - Mathematics

Computer Science 117
 Math 104 or 104XY, 105, 110, 114, 115, 116, 117, 121, 123, 124, 223, 224
 Statistics 115

Area Notes

- (a) Credit is given for only one course in each of the following sets:
 Astronomy 105, Biology 105, Geology 105
 Biology 107, Physical Education 107
 Biology 138, Geology 138
- (b) Astronomy 105, Biology 105, or Geology 105 may be used in Group I or Group II, but not both.
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AREA C - ARTS, LITERATURE, PHILOSOPHY, AND FOREIGN LANGUAGES

(Nine units)

Select three courses to include at least one from Group I and one from Group II and the remaining course from Group I or II in a discipline other than what has already been selected.

Asterisk (*) indicates a performance or activity course. Limit of three units.

Group I - Arts (Art, Dance, Music, Theatre)

Architecture 100, 101, 102
 Art 101, 102, 103, 104, 105, 106, 107, 108, 112*, 113*, 114*, 116*, 118*, 130*, 134*, 140*, 144*, 146*, 148*, 152*, 161*, 165*, 170*, 180*, 185*, 190*, 293*
 Communications 109, 110, 111*, 160
 Dance 105A, 105B, 107, 108, 110*, 113*, 119*, 121*, 122*, 126*, 130AB*, 132*, 133*, 135*, 136*, 230*
 Drama 110, 130*, 150, 160*, 161*, 245*, 260*
 Ethnic Studies 108
 Humanities 108, 109
 Journalism 110, 160
 Music 101, 102, 105, 106

Group II - Humanities (Literature, Philosophy, and Foreign Language)

American Sign Language 101, 102
 Communications 160
 Drama 116, 117
 English 204, 208, 212, 213, 214, 215, 218, 219, 220, 221A, 221B, 222, 223, 224, 225, 230, 235, 237, 240
 French 101, 102, 203, 204, 225, 226
 Humanities 100A, 100B, 114, 118, 121, 125
 Italian 101, 102, 203, 204, 225, 226
 Japanese 101, 102
 Journalism 160
 Philosophy 110, 111, 115, 116, 117
 Spanish 101, 102, 203, 203HB, 204, 225, 226, 228
 Speech 140, 141

Area Notes

- (a) Credit is given for only one course in each of the following sets:
- Art 108, Ethnic Studies 108, Humanities 108
 - Communications 109, Humanities 109
 - Communications 110, Journalism 110
 - Communications 160, Journalism 160
 - Humanities 114 or 118, not both

- (b) Communications 110 and Journalism 110 will be removed from Area C Group I effective Fall 2004 and will be accepted in Area D Group I starting Fall 2003
- (c) Communications 160 and Journalism 160 will be accepted in Fall 1996 and subsequent terms in Group II and will be removed from Group I effective Fall 2004

AREA D - SOCIAL, POLITICAL, AND ECONOMIC INSTITUTIONS AND BEHAVIOR AND THEIR HISTORICAL BACKGROUND
(Nine units)

Select three courses from three different groups.

Group I - Social Institutions and Behavior

Anthropology 102, 103, 110, 204
Behavioral Science 103, 114, 201
Biology 108A
Communications 110
Early Childhood Education 110, 111, 112
Economics 201
Ethnic Studies 110, 151
Geography 102, 109
Journalism 110
Political Science 201
Psychology 110, 111, 112, 116, 140, 204, 205, 230
Sociology 110, 112, 140, 205, 230, 250
Speech 128

Group II - Political Institutions and Behavior

Political Science 100, 101, 102, 103, 104, 201, 220

Group III - Economic Institutions and Behavior

Business 101
Economics 101, 102, 201

Group IV - History

Ethnic Studies 111, 112, 121, 151
History 100, 101, 102, 103, 109, 110, 111, 112, 117, 118, 119, 120, 122, 206, 214, 215, 216, 226, 238

Area Notes

- (a) Credit is given in Area D or Area E, but not both for the following courses:
- Behavioral Science 103, 114
 - Biology 108A

- Psychology 110, 111, 140
 - Sociology 140
- (b) Credit is given for only one course in each of the following sets:
- Behavioral Science 103, Biology 108A
 - Behavioral Science 201, Economics 201, and Political Science 201
 - Communications 110, Journalism 110
 - Psychology 111, Psychology 116
 - Psychology 140, Sociology 140
 - Psychology 205, Sociology 205
 - Psychology 230, Sociology 230
- (c) Economics 201 will be accepted in Group III and Political Science 201 in Group II for Fall 2000 through Summer 2004. Behavioral Science 201, Economics 201 and Political Science 201 will be accepted in Group I for Fall 2000 and subsequent terms.
- (d) See catalog description for Psychology 112 credit limitation
- (e) Ethnic Studies 151 may be used for Group I or IV, but not both

AREA E - LIFELONG UNDERSTANDING AND SELF-DEVELOPMENT

(three units)

Select one course.

Behavioral Science 103, 114
Biology 100, 108A
Health Education 112, 130, 142
Psychology 110, 111, 114, 140, 142
Sociology 140

Area Notes

- (a) Credit is given in Area D or Area E, but not both for the following courses:
- Behavioral Science 103, 114
 - Biology 108A
 - Psychology 110, 111, 140
 - Sociology 140
- (b) Credit is given for only one course in each of the following sets:
- Behavioral Science 103, Biology 108A
 - Health Education 142, Psychology 142
 - Psychology 140, Sociology 140
- (c) See catalog description for Psychology 114 credit limitation

College of Marin Courses Transferable Toward Baccalaureate Degree Credit At the California State University

Courses are accepted by California State University for credit toward the baccalaureate degree that College of Marin designates as appropriate for baccalaureate credit. To determine whether a course fulfills a requirement for a major, consult the catalog of the school to which you intend to transfer or a counselor.

Administration of Justice - all courses except 39
 Aeronautics - 101
 American Sign Language - all courses
 Anthropology - all courses except 39
 Architecture - all courses except 39
 Art - all courses except 39
 Astronomy - all courses except 39
 Automotive Collision Repair Technology - all courses except 39
 Automotive Technology - all courses except 39 and 99
 Behavioral Science - all courses except 39
 Biology - all courses except 39 and 99
 Business - all courses except 39 and 97
 Business Office Systems - all courses except 39 through 99
 Chemistry - all courses except 39
 Chinese 101
 Communications - all courses except 39
 Computer Information Systems - all courses except 39
 Computer Science - all courses except 39 and 75
 Counseling - all courses except 39, 70, and 154
 Court Reporting - all courses except 39, 90, and 99
 Dance - all courses except 39
 Dental Assisting - all courses except 39, 99, and 100
 Directed Study - all courses
 Drama - all courses except 39, 90, and 99
 Early Childhood Education - all courses except 39
 Economics - all courses except 39
 Education - all courses except 39
 Electronics Technology - all courses
 Engineering - all courses except 39 and 99
 English - all courses except 39 through 99
 Environmental Landscaping - all courses except 39
 Ethnic Studies - all courses except 39
 Film/Video - all communications courses listed under film/video, except 39
 Fire Technology - all courses except 39
 French - all courses except 39
 Geography - all courses except 39
 Geology - all courses except 39 and 99
 Health Education - all courses except 39 and 100
 History - all courses except 39
 Humanities - all courses except 39

Italian - all courses except 39 and 100
 Japanese - all courses except 39
 Journalism - all courses except 39
 Library - all courses except 39
 Machine and Metals Technology - all courses except 39, 90, 97, and 99
 Mathematics - all courses except 25 through 103, 103S, and 103XY
 Medical Assisting - all courses except 39, 99, and 100
 Multimedia Studies - all courses except 39, 90, and 99
 Music - all courses except 39
 Nursing Education - all courses except 39, 90, 95, 99, and 100
 Philosophy - all courses except 39
 Physical Education - all courses except 39
 Physics - all courses except 39
 Political Science - all courses except 39
 Psychology - all courses except 39
 Real Estate - all courses except 39
 Social Science - all courses except 39
 Sociology - all courses except 39
 Spanish - all courses except 39
 Speech - all courses except 39
 Statistics - all courses except 39
 Study Skills- all courses except 39 through 78
 Work Experience - all courses

University of California Transfer Information

General Admission Information to the University of California Campuses: Berkeley, Davis, Irvine, Los Angeles, Riverside, San Diego, San Francisco, Santa Barbara, Santa Cruz

The University considers you a transfer applicant if you graduated from high school and enrolled in a regular session at a college or university. As a transfer applicant, you may not disregard your college record and apply as a freshman.

College of Marin transfer students should take courses that are transferable, that satisfy University and college requirements, and that fulfill prerequisites in the major. Advisors in the Admissions Office at the campus you wish to attend and College of Marin counselors can help you with your planning.

The transfer admission requirements described in this section represent the *minimum* level of achievement to be eligible for admission to the University.

If the number of applicants exceeds the spaces available for a particular campus or major – as is often the case – the campus uses criteria that exceed the minimum requirements to select students. Meeting the minimum requirements, therefore, is not enough to gain admission to many UC campuses and programs.

Course Agreements Online

Comprehensive articulation information, including transferable course agreements (TCAs) for all California community colleges, is available on the World Wide Web at ASSIST (www.assist.org). ASSIST provides access to the most current articulation agreements between UC, CSU, and California community colleges. In addition to TCAs, ASSIST includes information about credit for general education/breadth requirements, major preparation, and IGETC. Articulation agreements may be updated throughout the year, so check ASSIST periodically to ensure that you have the most current information about transfer credit.

California Residents

There are several ways to meet the University's minimum admission requirements for transfer students, as described below. The path you use depends upon the degree to which you satisfied UC's minimum eligibility requirements for freshmen at the time you graduated from high school. In all cases, you must have at least a C (2.0) average in all transferable coursework.

1. If you were eligible for admission to the University when you graduated from high school -- meaning you satisfied the Subject, Scholarship, and Examination Requirements, or were identified by the University during the senior year in high school as being eligible under the Eligibility in the Local Context (ELC) program -- you are eligible to transfer if you have a C (2.0) average in your transferable college coursework.
2. If you met the Scholarship Requirement, but did not satisfy the Subject Requirement, you must take transferable college courses in the subjects you are missing, earn a grade of C or higher in each of these required courses, and earn an overall C (2.0) average in all transferable college coursework to be eligible to transfer.
3. If you were not eligible for admission to the University when you graduated from high

school because you did not meet the Scholarship Requirement, you must:

- a. Complete 60 semester units of transferable college credit with a grade point average of at least 2.4; and
- b. Complete the following course pattern, earning a grade of C or higher in each course:
 - two transferable college courses (three semester units each) in English composition - English 150 and 151 or 155 (Note: English 155 is not acceptable at all University of California campuses to meet their second semester requirements. Take English 151 instead. University of California campuses requiring English 151 are U.C. Davis, U.C. Los Angeles, U.C. San Diego, U.C Irvine and U.C San Francisco); and
 - one transferable college course (three semester units) in mathematical concepts and quantitative reasoning; and
 - four transferable college courses (three semester units each) chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, and the physical and biological sciences. Exception: University of California, Berkeley, College of Letters and Science requires three years of foreign language in high school or two semesters at College of Marin.

(Students who satisfy the Intersegmental General Education Transfer Curriculum [IGETC] prior to transferring to University of California may satisfy Option 3B of the transfer admission requirements. For more information about the IGETC refer to the Intersegmental General Education Transfer Curriculum in this section of the catalog.)

Cooperative Admissions Program (CAP) University of California, Berkeley

The Cooperative Admissions Program (CAP) is offered only to students who apply to Berkeley for freshman admission and are UC eligible (meet minimum admission requirements for freshmen), but are not admitted as freshmen. The program gives students the opportunity to combine lower division study at a community college with a guarantee of admission to Berkeley as a junior. Four colleges at Berkeley participate in CAP – Letters and Science, Engineering, Environmental Design, and Natural

Resources – and each has specific requirements. These specific requirements are detailed in the University of California *Answers for Transfer* publication.

Further information on admission eligibility is available through the Counseling Department at the College and/or the Office of Undergraduate Admissions at Berkeley.

Transfer Admission Agreement Program (TAA) University of California, Davis

Students intending to transfer to the University of California at Davis have the advantage of guaranteed admission to that school through the Transfer Admission Agreement (TAA) Program.

A TAA is a formal, written agreement that outlines the courses a student must complete before transferring, states the grade-point average that must be earned, and lists specific requirements for selective majors.

After the TAA is written, the student signs the agreement, along with their counselor and a University of California, Davis representative. These signatures guarantee that the student will be admitted to University of California, Davis in the major selected, for the term chosen, if the student completes the agreement and applies for admission during the open filing period.

A TAA may be prepared and signed up to one year prior to enrollment at Davis (provided the student has completed 30 transferable units and has a 2.8 GPA, but it must be received before caps are reached in September.

As a general guide, students should concentrate on meeting eligibility requirements for admission to the University of California and/or completing lower division preparatory courses for their intended majors at Davis.

For more specific details and criteria, students should plan ahead by making an appointment with a College of Marin counselor to assure admittance.

Guaranteed Admission for Transfer Entry (GATE) University of California, Santa Cruz

College of Marin students planning to transfer to University of California, Santa Cruz, are guaranteed admission by establishing a contract one year prior to transfer and the completion of:

1. Thirty transferable units
2. Have fewer than 20 semester units completed at a four-year institution
3. Have at least a 2.8 GPA and are enrolled at the College of Marin
4. Application deadline ends mid-October

Intersegmental General Education Transfer Curriculum (IGETC) For Transfer to the University of California and California State University

The Intersegmental General Education Transfer Curriculum (IGETC) is a program that College of Marin transfer students can use to fulfill lower division general education requirements for either the University of California or California State University. There are other options that fulfill general education requirements, but none of the options cover both the University of California and California State University.

The IGETC will permit a student to transfer from College of Marin to a campus in either the University of California or the California State University System without the need, after transfer, to take additional courses to satisfy campus lower division general education requirements.

The IGETC is **not** an admission requirement to the University of California or California State University. Existing campus specific admission requirements for transfer students remain unchanged.

Important: It is **not** advisable for all transfer students to follow the IGETC. Some students may be better served by taking courses that fulfill the California State University general education breadth requirements or those of the University of California campus to which they plan to transfer. Contact a College of Marin counselor for further information regarding University of California or California State University schools where completion of the IGETC is not recommended.

IGETC Certification

All course work applicable to the IGETC must be completed and certified in its entirety prior to transfer in order to be accepted by the University of California or California State University. Certification indicates that all lower division general education

requirements for UC or CSU have been met. Courses certified for IGETC must be completed with a grade of "C" or higher. It shall be the student's responsibility to request certification when requesting the last transcript from College of Marin prior to entering the University of California or California State University system. Students should contact the counseling department to initiate IGETC certification.

In addition to the course requirements for each subject area, full certification for California State University must include completion of the Oral Communication Requirement. For the University of California, Oral Communication is not required, but the certification must include satisfactory completion of a Language Other Than English Requirement.

Courses taken at other institutions may be used to fulfill the IGETC. Students should be aware, however, that placement of courses within IGETC subject areas may vary from college to college. Placement of a course will be based on the college of attendance and its IGETC pattern at the time the course was completed.

Completion of the IGETC program will be certified by the last community college that the student attends. As a general rule, IGETC can be certified for California community college transfer students who have completed transfer units at a University of California, California State University, or independent college provided that the student has completed **most** of the transfer units at one or more California community colleges.

"IGETC After Transfer" Policy

The three segments of California higher education (California Community Colleges, CSU and UC) agreed to revise IGETC so that community college students with good cause would be allowed to complete one or two IGETC courses after transfer to CSU or UC provided that those courses are not required for admission (for example math and English).

To be eligible for IGETC after transfer, the reason must involve good cause such as illness, unavailable or cancelled courses, military service, or unexpected hardships such as family or employment problems experienced in the final semester before transfer. Good cause must be stated explicitly on a petition (obtained in the Counseling office) documenting and supporting the assertion.

Determination that courses remaining have been completed after transfer is the responsibility of the receiving UC or CSU campus. Community colleges

are not required to re-certify a student who is completing IGETC courses after transferring.

Advanced Placement Test

Advanced Placement Test (APT) scores can be used to satisfy certain areas under IGETC. An APT score of four in English Language and Composition will satisfy Area 1, Group A. An APT score of four or five in Mathematics Calculus AB or BC will satisfy Area 2, Mathematical Concepts. An APT score of three or higher in United States History will satisfy three units under Area 4. An APT score of three or higher in Chemistry will satisfy the Physical Science with lab for five units under Area 5.

2003-2004 IGETC Program

Symbols:

(+) Indicates that either the University of California or the California State University or both will limit transfer credit. Please refer to "Courses from the College of Marin Acceptable at the University of California (All Campuses)" in this section of the catalog or consult a counselor.

(*) Indicates that a course may be listed in more than one area, but shall not be certified in more than one area

(o) Media course must be taken for a letter grade for University of California transferability

AREA 1 - ENGLISH COMMUNICATION

Students transferring to the University of California must complete one course from Group A and one course from Group B. Students transferring to the California State University must complete one course each from Groups A, B, and C.

Group A - English Composition

English 150o

Group B - Critical Thinking/English Composition

English 151o, 155

Group C - Oral Communication (CSU Requirement Only)

Speech 110, 120, 122, 132

**AREA 2 - MATHEMATICAL CONCEPTS
AND QUANTITATIVE REASONING**

Select one course, three semester units.

Computer Science 117
Math 105, 114, 115+o, 116, 117, 121+, 123+,
124+, 223, 224
Statistics 115+

AREA 3 - ARTS AND HUMANITIES

Select three courses, nine semester units. At least one course from Group A and one course from Group B.

Group A - Arts

Architecture 100+o, 101+o, 102+o
Art 101, 102, 103, 104, 105, 106, 107, 108+
Communications 109+*, 110+
Dance 105A, 105Bo, 107, 108o
Drama 110
Ethnic Studies 108+
Humanities 108+, 109+*
Journalism 110+
Music 101, 102, 105

Note: Communications 110 and Journalism 110 will be removed from Area 3, Group A effective Fall 2004 and placed in Area 4 effective Fall 2003.

Group B - Humanities

American Sign Language 102
Communications 109+*, 160+
Drama 116, 117
English 204o, 208, 212, 213, 214o, 215, 218o,
221A, 221B, 222, 223, 224, 225, 230, 235, 237,
240
French 102, 203, 204, 225, 226
Humanities 100A, 100B, 107o, 109+*, 114+o,
118+, 121, 125
Italian 102, 203, 204, 225, 226
Japanese 102
Journalism 160+
Philosophy 110, 111, 115, 116, 117
Spanish 102+o, 102A-L+, 203+, 203A-L+, 203HB,
204+, 204A-D+, 225, 226
Speech 128

**AREA 4 - SOCIAL AND BEHAVIORAL
SCIENCES**

Select three courses, nine semester units. Courses must be selected from at least two disciplines.

Anthropology 102+o, 103+, 110, 204
Behavioral Science 103+, 201+
Communications 110+
Early Childhood Education 110, 111
Economics 101, 102, 201+
Ethnic Studies 110, 111*, 112*, 121*, 151
Geography 102, 109
Health Education 142+
History 100+*o, 101, 102, 109, 110, 111, 112,
117+*, 118+*, 119+o, 120+, 206, 214, 215,
216o, 226
Journalism 110+
Political Science 100+*, 101+*o, 102, 103, 104,
201+, 220
Psychology 110o, 111, 112, 116, 140+, 142+, 204,
205+, 230+
Sociology 110o, 112, 140+, 205+, 230+

**AREA 5 - PHYSICAL AND BIOLOGICAL
SCIENCES**

Select one course from Group A and one course from Group B, seven to nine semester units. At least one of the courses selected must include a laboratory. Courses that are labs or have a lab component are underlined.

Group A - Physical Sciences

Astronomy 101o, 105+, 117L
Biology 138+
Chemistry 105+o, 105L, 114+, 131
Geography 101, 101L, 112
Geology 105+, 109, 110+, 114, 120+, 120L, 121,
138+
Physics 110+, 207A+

Group B - Biological Sciences

Anthropology 101, 101L
Biology 105+, 107, 109, 110+, 110L+, 115, 116,
120, 162, 224, 235, 240
Physical Education 107

**LANGUAGE OTHER THAN ENGLISH
(University of California Requirement only)**

May be met by one of the following:

- Two years of one language other than English in high school with a grade of C or higher
- Completion of one of the following courses: American Sign Language 101, Chinese 101, French 101, Italian 101o, Japanese 101o, Spanish 101+o, 101A-L+

California State University Graduation Requirement in United States History, Constitution and American Ideals.

This is not a part of the IGETC, but may be completed prior to transfer.

Select one course from Group A and one course from Group B

Group A - United States History

Ethnic Studies 111*, 112*, 121*
History 100+*, 117+*, 118+*

Group B - Constitution and American Ideals

Political Science 100+*, 101+*

Courses From the College of Marin Acceptable at the University of California (All Campuses)

All of the following courses are transferable with limitations as indicated. **All media courses must be taken for a letter grade to transfer.**

To determine whether a course fulfills a requirement for a major, you must consult the catalog of the University of California campus to which you plan to transfer. Please see a counselor if you have any questions and for specific requirements that must be met prior to transfer.

Please note: Students are cautioned about completing excessive number of units in art, music, drama (theatre arts), computer science, engineering, and variable topics courses. It is expected that students will plan their transfer program carefully and will enroll in general education as well as preparatory courses for their intended major at the University of California.

Administration of Justice 110, 111, 118, 204
(same as Sociology 184)

American Sign Language 101, 102, 203, 204

Anthropology 101, 101L, 102*, 103*, 110, 139 (see Var. Topic), 204, 208, 215+, 249 (see Var. Topic)

* 102 and 103 combined: maximum credit, one course. Media version of 102 must be taken for a letter grade to transfer.

+ May be taken twice for credit (per college)

Architecture 100*, 101*, 102*, 110**, 130**

* 100, 101, and 102 combined: maximum credit, two courses
Media version of 102 must be taken for a letter grade to transfer

** Special articulation agreement in effect with UC Berkeley's College of Environmental Design

Art 101, 102, 103, 104, 105, 106, 107, 108 (same as Ethnic Studies 108, Humanities 108), 112, 113, 129, 130, 131, 134, 135, 139 (see Var. Topic), 140, 141, 144, 145, 146, 147, 148, 152, 153, 170, 171, 175, 176, 177, 180, 181, 185, 186, 190*, 191*, 192*, 234, 235, 240, 241, 242, 243, 244, 245, 246, 247, 249 (see Var. Topic), 275, 276, 285, 286, 290*, 292

* 190, 191, 192, 290 combined: maximum credit, 6 units

Astronomy 101*, 105 (same as Biology 105, Geology 105), 117F (same as Astronomy 117L), 117L, 139 (see Var. Topic), 249 (see Var. Topic)

* Media version of 101 must be taken for a letter grade to transfer.

Behavioral Science 103 (same as Biology 108A), 105, 139 (see Var. Topic), 201 (same as Economics 201, Political Science 201; effective SP03) 249 (see Var. Topic)

Biology 100, 105 (same as Astronomy 105, Geology 105), 107 (same as Physical Education 107), 108, 108A (same as Behavioral Science 103), 109, 110o, 110Lo, 115, 116, 120, 138 (same as Geology 138), 139 (see Var. Topic), 142 (same as Geology 142), 145 (same as Geology 145), 162, 171, 224, 235, 240+, 244+, 246, 249 (see Var. Topic), 250 (same as Geology 250)

o No credit for 110, 110L if taken after 115 or 116

+ 240 and 244 combined: maximum credit, one course

Business 101, 107, 112A*, 112B*, 113

- * 112A/112B must both be taken for transfer credit to be given

Chemistry 105o, 105L, 114*, 115+, 131, 132oo, 132Eoo, 139 (see Var. Topic), 231, 232oo, 232Eoo, 249 (see Var. Topic)

- o No credit for 105 if taken after 131. Media version of 105 must be taken for a letter grade to transfer.

- * No credit for 114 if taken after 131

- + No credit for 115 if taken after 231

oo132 and 132E combined: maximum credit, one course

232 and 232E combined: maximum credit, one course

Chinese 101*

- * Chinese 101 corresponds to two years of high school study

Communications 109o (same as Humanities 109), 110+ (same as Journalism 110), 150o, 154o, 160 (same as Journalism 160)

- + Media version of 110 has not yet been approved

- o Any or all of these courses combined: maximum credit, one course

Computer Information Systems 110, 139 (see Var. Topic), 215, 249 (see Var. Topic)**Computer Science** 117 (same as Mathematics 117), 130, 139 (see Var. Topic.), 140, 160, 190, 200, 220, 230, 232, 235, 249 (see Var. Topic)**Counseling** 114B**Dance** 105A, 105B*, 107, 108*, 110, 113, 114, 115, 116, 117o, 118o, 119, 120, 121, 122, 123, 126, 127AB, 130AB, 131AB, 132, 133, 134, 135, 136, 138, 139 (see Var. Topic), 142, 154, 155, 156, 160, 161, 162, 170, 171, 172, 173, 175, 176, 206ABC, 207ABC, 208ABC, 222, 224, 225, 228AB, 229AB, 230, 232, 233AB, 234AB, 235, 236, 238AB, 239AB, 240, 241A-D, 249 (see Var. Topic), 260ABC

- * Media version of course must be taken for a letter grade to transfer

- o Any or all of these courses combined with (*) Physical Education courses: maximum credit, four units

Note: Dance 117 and 118 are considered Physical Education activity and are transferable with a maximum of 4 units allowed

Directed Study (see Variable Topics Courses)**Drama** 110, 116, 117, 124*, 125, 126, 127, 128, 130, 131, 134, 136, 139 (see Var. Topics), 140, 144, 150, 151, 152, 153, 160, 161, 162, 163, 166, 167, 217, 230, 231, 238, 240, 245, 246, 249 (see Var. Topics), 260

- * No credit for 124 if taken after 130

Early Childhood Education 110, 111**Economics** 101, 102, 125 (same as Ethnic Studies 125, History 125, Political Science 125, Social Science 125), 139 (see Var. Topic), 201 (same as Behavioral Science 201, Political Science 201), 215 (same as Political Science 215, Social Science 215), 249 (see Var. Topic)

Note: Economics 115, Political Science 115, Social Science 115 are considered Variable Topics Courses and credit will be given only after a review of the scope and content of the course by the enrolling UC campus

Education 110**Engineering** 110, 125, 126, 139 (see Var. Topic), 210, 220, 235, 245, 249 (see Var. Topic)**English** 120SL*, 130, 139 (see Var. Topic), 150**, 151+, 155, 201, 202, 203, 204+, 208, 211, 212, 213, 214+, 215, 218+, 219+, 220+, 221A, 221B, 222, 223, 224, 225, 230, 235, 237, 240, 249 (see Var. Topic)

- * 120SL combined with any other transferable ESL course: maximum credit, 8 units

- ** Online version of 150 must be taken for a letter grade to transfer

- + Media versions of 151, 204, 214, 218, 219, and 220 must be taken for a letter grade to transfer

Environmental Landscaping 154A*, 154B*, 157, 254A*, 254B*

- * 154AB and 254AB combined: maximum credit, one course
154A and 154B must both be taken for credit to be granted
254A and 254B must both be taken for credit to be granted

Ethnic Studies 108 (same as Art 108, Humanities 108), 110, 111, 112, 121, 125 (same as Economics 125, History 125, Political Science 125, Social Science 125), 139 (see Var. Topic), 151, 242, 249 (see Var. Topic)

Film/Video (Please see Communications)

French 101*, 102, 139 (see Var. Topic), 203, 204, 225, 226, 249 (see Var. Topic)

- * French 101 corresponds to two years of high school study

Geography 101, 101L, 102, 109, 112, 125*, 139 (see Var. Topic), 249 (see Var. Topic)

- * Effective SP03

Geology 103, 105, (same as Astronomy 105, Biology 105), 109, 110+, 114, 116, 120+, 120L, 121, 125oo, 126oo, 138 (same as Biology 138), 139 (see Var. Topic), 142 (same as Biology 142), 145 (same as Biology 145), 201, 249 (see Var. Topic), 250 (same as Biology 250)

- + 110 and 120 combined: maximum credit, one course (per catalog)

oo 125 and 126 combined: maximum credit, three units

Health Education 115, 130+, 142++ (same as Psychology 142)

- + Media version of 130 must be taken for a letter grade to transfer
- ++ 142 combined with Psychology 112/114: maximum credit, six units if no subject duplication

History 100*o, 101, 102, 103o, 109, 110, 111, 112, 117*, 118*, 119+o, 120+, 122o, 124o, 125 (same as Economics 125, Ethnic Studies 125, Political Science 125, Social Science 125), 139 (see Var. Topic), 206, 214, 215, 216o, 226, 238, 249 (see Var. Topic)

- * 100 combined with 117 and 118: maximum credit, two courses
- o Media version must be taken for a letter grade to transfer
- + 119 and 120 combined: maximum credit, one course
- o Media version must be taken for a letter grade to transfer

Humanities 100AB, 107*, 108 (same as Art 108, Ethnic Studies 108), 109 (same as Communications 109), 114o, 118o, 121, 125, 139 (see Var. Topic), 249 (see Var. Topic)

- * Must be taken for a letter grade to transfer
- o 114 must be taken for a letter grade to transfer
114 and 118 combined: maximum credit, one course

Italian 101*, 102, 108Ao (same as Dram 139N), 108Bo, 108Co, 108Do, 139 (see Var. Topic), 203, 204, 225, 226, 249 (see Var. Topic)

- * Media version must be taken for a letter grade to transfer
Italian 101 corresponds to two years of high school study
- o 108ABCD must be taken for a minimum of three units for transfer credit to be given

Japanese 101*, 102, 139 (see Var. Topic), 249 (see Var. Topic)

- * Media version must be taken for a letter grade to transfer.
Japanese 101 corresponds to two years of high school study

Journalism 110* (same as Communications 110), 160 (same as Communications 160)

- * Media version of Journalism 110 has not yet been approved

Library 110*, 115*

- * 110 and 115 combined: maximum credit, one course

Mathematics 105, 114, 115+, 116, 117 (same as Computer Science 117), 121o, 122o, 123o, 124o, 139 (see Var. Topic), 223, 224, 249 (see Var. Topic)

- + 115 combined with Statistics 115: maximum credit, one course. Media version of 115 must be taken for a letter grade to transfer.
- o 121, 122 and 123, 124 combined: maximum credit, one series

Music 101, 102, 105, 106*, 111, 112, 113, 121, 122, 128, 128L, 139 (see Var. Topic), 162, 163, 165, 166, 167, 168, 169, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180AB, 181, 182, 183, 185, 186A, 186B, 186C, 187, 191, 193, 211, 212, 214, 221, 222, 249 (see Var. Topic), 261AB, 262AB, 271, 272, 281, 282

- * Media version of Music 106 not yet approved

Philosophy 110, 111, 112, 115, 116, 117, 139 (see Var. Topic), 249 (see Var. Topic)

Physical Education 70 through 80*, 107 (same as Biology 107), 114, 115, 117A, 117B, 125A through 129B*, 132 through 187*, 139** (see Var. Topic), 190A through 196A+, 215, 216A*, 216B*, 249** (see Var. Topic), 267*

- * Any or all courses combined with Dance 117: maximum credit, four units
- + Any or all courses combined: maximum credit, eight units
- ** Depending on course content, apply appropriate limitation

Note: UC grants a maximum of four semester units of credit for appropriate Physical Education activity courses.

Physics 108A+, 108AC, 108B+, 108BC, 110*, 139 (see Var. Topic), 207A+, 207B+, 207C+, 249 (see Var. Topic)

- + 108A, 108B, and 207ABC combined: maximum credit, one series. Deduct credit for duplication of topics.
- * No credit for 110 if taken after 108A or 207A

Political Science 100*, 101*+, 102, 103, 104, 117, 125 (same as Economics 125, Ethnic Studies 125, History 125, Social Science 125), 139 (see Var. Topic), 201 (same as Behavioral Science 201, Economics 201), 215 (same as Economics

215, Social Science 215), 220, 249 (see Var. Topic)

* 100 and 101 combined: maximum credit, one course

+ Media version of 101 must be taken for a letter grade to transfer

Note: Economics 115, Political Science 115, and Social Science 115 are considered Variable Topics courses and credit will be given only after a review of the scope and content of the course by the enrolling UC campus

Psychology 110*, 111+, 112o, 114o, 116+, 120, 139 (see Var. Topic), 140 (same as Sociology 140), 142o (same as Health Education 142), 204, 205**, 230 (same as Sociology 230), 249 (see Var. Topic), 251

* Media version of 110 must be taken for a letter grade to transfer.

+ 111 and 116 combined: maximum credit, one course

o 112, 114, and 142 combined: maximum credit, six units if no subject duplication

** 205 and Sociology 205 combined: maximum credit, one course

Social Science 125 (same as Economics 125, Ethnic Studies 125, History 125, Political Science 125), 139 (see Var. Topic), 215 (same as Economics 215, Political Science 215), 249 (see Var. Topic)

Note: Economics 115, Political Science 115, and Social Science 115 are considered Variable Topics courses and credit will be given only after a review of the scope and content of the course by the enrolling UC campus

Sociology 110*, 112, 139 (see Var. Topic), 140 (same as Psychology 140), 184 (same as Administration of Justice 204), 205o, 230 (same as Psychology 230), 249 (see Var. Topic)

* Media version of 110 must be taken for a letter grade to transfer

o 205 and Psychology 205 combined: maximum credit, one course

Spanish 101*+o, 102*, 139 (see Var. Topic), 203*, 203HBo, 204*, 225, 226, 228, 249 (see Var. Topic)

+ Media version must be taken for a letter grade to transfer

* 101, 102, 203 and 204 may be offered as 101ABCDL, 102ABCDL, 203ABCDL, 204ABCD and must be taken for a minimum of three units to transfer
Media version of Span 102 must be taken for letter grade to transfer

Spanish 101 corresponds to two years of high school study

o 203HB and 101 combined: maximum credit, one course

Speech 110, 120, 122, 128, 132, 139 (see Var. Topic), 140, 141, 249 (see Var. Topic)

Statistics 115*

* 115 combined with Math 115: maximum credit, one course. Formerly 3 units prior to F03.

Variable Topics Courses: (Directed Study, Selected Topics, Internship, etc.)

Please note that the granting of transfer credit for courses of this kind is given only after a review of the scope and content of the course by the enrolling UC campus. This usually occurs after transfer and may require recommendations from faculty. UC does not grant credit for variable topics courses in Journalism, Photography, Health, Business Administration, Architecture, Administration of Justice (Criminology) or Library Departments because of credit restrictions in these areas.

California Articulation Number (CAN)

College of Marin participates in the California Articulation Number (CAN) System. This system is designed to facilitate the transferring of course credits to other California college and university campuses.

Students are assured that a CAN course on one participating campus will be accepted in lieu of the comparable CAN course on another participating campus. Example: CAN ENGL 2 on one campus will be accepted for CAN ENGL 2 on another

participating campus. Each campus retains its own numbering system. At College of Marin CAN ENGL 2 is English 150.

The California Articulation Numbers are listed after the student units in the course descriptions in this catalog. A listing of College of Marin courses that have been assigned CAN numbers follows.

Many other College of Marin courses are articulated with four-year institutions. To check for additional information, please contact the Counseling Office.

College of Marin Courses with a California Articulation Number

CAN ANTH 2

ANTH 101, Introduction to Physical/Biological Anthropology

CAN ANTH 4

ANTH 102, Introduction to Cultural Anthropology

CAN ANTH 6

ANTH 110, Introduction to Archaeology and Prehistory

CAN ART 6

ART 170, Ceramics I

CAN ART 8

ART 130, Drawing and Composition I

CAN ART 10

ART 140, Painting I

CAN ART 12

ART 180, Sculpture I

CAN ART 14

ART 112, 2-D Art Fundamentals

CAN ART 16

ART 113, 3-D Art Fundamentals

CAN ART 18

ART 190, Black and White Photography I

CAN ART 20

ART 152, Printmaking I

CAN ART 24

ART 134, Life Drawing I

CAN ART SEQ A ART 101, History of Ancient Art plus ART 102, History of European Art plus ART 103, History of Modern Art	CAN ECON 4 ECON 102, Principles of Microeconomics
CAN BIOL 10 BIOL 120, Human Anatomy	CAN ENGR 4 ENGG 245, Engineering Materials Science
CAN BIOL 12 BIOL 224, Human Physiology	CAN ENGR 8 ENGG 235, Engineering Mechanics--Statics
CAN BIOL 14 BIOL 240, Microbiology	CAN ENGR 10 ENGG 210, Engineering Surveying
CAN BIOL SEQ A BIOL 115, Principles of Biology plus BIOL 116, Principles of Animal and Plant Diversity	CAN ENGR 12 ENGG 220, Electric Circuit Analysis
CAN BIOL SEQ B BIOL 120, Human Anatomy plus BIOL 224, Human Physiology	CAN ENGL 2 ENGL 150, Reading and Composition (1A)
CAN BUS 2 BUS 112A, Financial Accounting IA plus BUS 112B, Financial Accounting IB	CAN ENGL 4 ENGL 151, Reading and Composition (1B)
CAN BUS 4 BUS 113, Managerial Accounting	CAN ENGL 6 ENGL 202, Creative Writing I
CAN BUS 6 CIS 110, Introduction to Computer Information Systems	CAN ENGL 8 ENGL 222, Survey of English Literature I
CAN BUS 8 BUS 107, Business Law	CAN ENGL 10 ENGL 223, Survey of English Literature II
CAN CHEM 2 CHEM 131, General Chemistry I	CAN ENGL SEQ A ENGL 150, Reading and Composition (1A) plus ENGL 151, Reading and Composition (1B)
CAN CHEM 4 CHEM 132, General Chemistry II	CAN ENGL SEQ B ENGL 222, Survey of English Literature I plus ENGL 223, Survey of English Literature II
CAN CHEM 6 CHEM 114, Introduction to Chemistry	CAN FCS 2 BIOL 100, Nutrition
CAN CHEM SEQ A CHEM 131, General Chemistry I plus CHEM 132, General Chemistry II	CAN FREN 2 FREN 101, Elementary French I
CAN ECON 2 ECON 101, Principles of Macroeconomics	CAN FREN 4 FREN 102, Elementary French II

CAN GEOG 4
GEOG 102, The Human Environment

CAN GEOL 2
GEOL 120, Physical Geology
plus
GEOL 120L Physical Geology Lab

CAN GOVT 2
POLS 101, Introduction to the Government
of the United States

CAN HIST 4
HIST 112, Western Civilization III:
The 19th and 20th Centuries

CAN HIST 8
HIST 117, History of the United States I

CAN HIST 10
HIST 118, History of the United States II

CAN HIST SEQ A
HIST 110, Western Civilization I: to 1350
plus
HIST 111, Western Civilization II:
1350-1815
plus
HIST 112, Western Civilization III:
The 19th and 20th Centuries

CAN HIST SEQ B
HIST 117, History of the United States I
plus
HIST 118, History of the United States II

CAN JOUR 4
JOUN 110, Introduction to Mass
Communication

CAN MATH 2
MATH 110, Introduction to Mathematical
Reasoning

CAN MATH 8
MATH 104, Plane Trigonometry

CAN MATH 18
MATH 123, Analytic Geometry and
Calculus I

CAN MATH 20
MATH 124, Analytic Geometry and
Calculus II

CAN MATH 22
MATH 223, Analytic Geometry, Vector

Analysis, and Calculus III

CAN MATH 24
MATH 224, Elementary Differential
Equations

CAN MATH 26
MATH 116, Linear Algebra

CAN MATH 30
MATH 121, Calculus I with Applications

CAN MATH 32
MATH 122, Calculus II with Applications

CAN MATH SEQ B
MATH 123, Analytic Geometry and
Calculus I
plus
MATH 124, Analytic Geometry and
Calculus II

CAN MATH SEQ C
MATH 123, Analytic Geometry and
Calculus I
plus
MATH 124, Analytic Geometry and
Calculus II
plus
MATH 223, Analytic Geometry, Vector
Analysis, and Calculus III

CAN MATH SEQ D
MATH 121, Calculus I with Applications
plus
MATH 122, Calculus II with Applications

CAN PHIL 2
PHIL 110, Introduction to Philosophy
or
PHIL 111, Introduction to Philosophy

CAN PHIL 6
PHIL 112, Introduction to Logic

CAN PHIL 8
PHIL 115, History of Philosophy: Ancient

CAN PHIL 10
PHIL 116, History of Philosophy: Medieval
and Modern

CAN PHIL SEQ A
PHIL 115, History of Philosophy: Ancient
plus
PHIL 116, History of Philosophy: Medieval
and Modern

CAN PHYS 2
PHYS 108A, General Physics I

CAN PHYS 4

PHYS 108B, General Physics II

CAN PHYS 8

PHYS 207A, Mechanics and Properties of
Matter

CAN PHYS 12

PHYS 207B, Electricity and Magnetism

CAN PHYS 14

PHYS 207C, Heat, Light, Sound,
and Modern Physics

CAN PHYS SEQ A

PHYS 108A, General Physics I

plus

PHYS 108B, General Physics II

CAN PHYS SEQ B

PHYS 207A, Mechanics and Properties of
Matter

plus

PHYS 207B, Electricity and Magnetism

plus

PHYS 207C, Heat, Light, Sound,
and Modern Physics

CAN PSY 2

PSY 110, Introduction to Psychology

CAN SOC 2

SOC 110, Introductory Sociology, Individual
and Society

CAN SOC 4

SOC 112, Social Deviance and Problems

CAN SPCH 4

SPCH 122, Public Speaking

CAN STAT 2

MATH 115, Probability and Statistics

or

STAT 115, Introduction to Statistics