

Course Prefixes, Symbols, and Terms

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The following chart is a guide to the appropriate prefixes used in this catalog for the university's departments and programs of study.

A ETH	Applied Ethics
A I S	American Indian Studies
A SCI	Animal Sciences
A SP	Aerospace Studies
ACCT	Accountancy
AF AM	African American
AG BS	Agricultural Business; Graduate
AG EC	Agricultural Economics
AG ED	Agricultural Education
AGRI	Agriculture; Graduate
ANTH	Anthropology
ARM	Armenian
ARM S	Armenian Studies
ART	Art
ART H	Art History
ARTDS	Art and Design
ASAM	Asian American Studies
ATHL	Athletics
B A	Business Administration
BIOL	Biology
BIO SC	Biological Science Core
BOT	Botany
BUS	Business
BVE	Bachelor of Vocational Education
C E	Civil Engineering
C R P	City and Regional Planning
C SCI	Computer Science
CFS	Child and Family Sciences
CHEM	Chemistry
CHIN	Chinese
CLS	Chicano and Latin American Studies
COMM	Communication
COM S	Community Service
CONST	Construction Management
COUN	Counselor Education
CR SC	Crop Science — Agronomy and Vegetable Crops
CRIM	Criminology
CSB	Craig School of Business
CSD	Communicative Sciences and Disorders
CSH	Consumer Science and Housing
CST	CalState TEACH
CTET	Curriculum, Teaching, and Educational Technology
DANCE	Theatre Arts
DRAMA	Theatre Arts
DS	Decision Sciences
E E	Electrical Engineering
E S L	English as a Second Language
EAD	Educational Administration
ECE	Electrical and Computer Engineering
ECOL	Ecology
ECON	Economics
EDL	Educational Leadership

EDU	Education
EHD	Education and Human Development
ENGL	English
ENGR	Engineering
ENOL	Enology
ENSC	Environmental Science
ENTR	Entrepreneurship
ERF	Educational Research, Foundations
ETH S	Ethnic Studies
F L	Foreign Language
F M	Fashion Merchandising
FCS	Family and Consumer Sciences
FIN	Finance
FN	Food and Nutrition
FR SC	Fruit Science
FREN	French
FSC	Food Science
FSM	Food Systems Management
G M E	Geomatics Engineering
G S	Graduate Studies
GD	Graphic Design
GENET	Genetics
GEOG	Geography
GEOL	Geology
GERM	German
GERON	Gerontology
GPA	Graduate Public Administration
GRK	Greek
H EC	Home Economics Education
H S	Health Science
HEBR	Hebrew
HHS	Interdisciplinary Health and Human Services
HIST	History
HMONG	Hmong
HONOR	Honors
HRM	Human Resource Management
HUM	Humanities
I E	Industrial Engineering
I S A	International Studies Abroad
I S C	International Studies Course
I T	Industrial Technology
ID	Interior Design
INTD	Interdisciplinary
INTD (number)	NEX Nexus General Education
IPC	Interprofessional Collaboration
IS	Information Systems
ITAL	Italian
JAPN	Japanese
KINES	Kinesiology
KAC	Kinesiology Activity
LATIN	Latin
LEE	Literacy and Early Education
LING	Linguistics
M COM	Mass Communication
M E	Mechanical Engineering
M S	Military Science
M SCI	Marine Science
MATH	Mathematics
MBA	Master of Business Administration

MCJ	Mass Communication and Journalism
ME AG	Mechanized Agriculture Management
MGT	Management
MICRO	Microbiology
MKTG	Marketing
MUSIC	Music
N SCI	Natural Science
NURS	Nursing
NUTR	Nutrition
OH	Ornamental Horticulture
P E	Physical Education
P SCI	Physical Science
PAX	Peace and Conflict Studies
PH	Master of Public Health
PH TH	Physical Therapy
PHIL	Philosophy
PHYAN	Physiology/Anatomy/Development
PHYS	Physics
PL SI	Political Science
PLANT	Plant Science
PLT H	Plant Health
PORT	Portuguese
PSYCH	Psychology
R E S	Revising and Editing Skills
RLS	Recreation and Leisure Studies
S C	Solutions Center
S SCI	Social Science
S WRK	Social Work
SKT	Sanskrit
SOC	Sociology
SPAN	Spanish
SPED	Special Education
SW	Soil and Water
UNIV	University
VIT	Viticulture
W S	Women's Studies
ZOOL	Zoology

General Education

- A1** G.E. FOUNDATION
- A2** G.E. FOUNDATION
- A3** G.E. FOUNDATION

- B1** G.E. BREADTH
- B2** G.E. BREADTH
- B4** G.E. FOUNDATION

- C1** G.E. BREADTH
- C2** G.E. BREADTH

- D1** G.E. BREADTH
- D2** G.E. BREADTH
- D3** G.E. BREADTH

- E1** G.E. BREADTH

- IA** G.E. INTEGRATION
- IB** G.E. INTEGRATION
- IC** G.E. INTEGRATION

- MI** G.E. MULTICULTURAL/INTERNATIONAL

Course Numbering System

1-99

Lower-division courses are designed for first- and second-year students but open to other students.

100-199

Upper-division courses are designed for third-, fourth- and fifth-year students; counted as graduate work for students with graduate status; permitted for use on a master's degree program only with departmental approval.

190

Independent study, undergraduate

200-297

Graduate-level courses are designed for use in master's degree, credential, certificate of advanced study, and doctorate curricula. Access to these courses is limited to those who have been officially admitted to a graduate degree, advanced certificate, or credential program. Last-semester undergraduate seniors wanting to enroll in 200-level courses must meet all criteria listed on the Undergraduate Petition to Enroll in Graduate (200-level) Courses available from the Division of Graduate Studies.

290

Independent study, graduate

298

Graduate Degree Project. Enrollment is restricted to graduate students having received official notification by the Division of Graduate Studies of approval for advancement to candidacy. For complete eligibility requirements, see *Criteria for Thesis and Project* under Graduate Studies, page 476-477. Project schedule numbers are obtainable through the student's department. Failure to meet the eligibility requirements may result in cancellation of such enrollment. Project enrollment is not available through Extension or Open University.

299

Graduate Degree Thesis/Dissertation. Registration in this course is restricted to graduate students who have officially been notified of their advancement to candidacy by the Division of Graduate Studies and who have filed an approved thesis committee assignment form with the Division of Graduate Studies. For complete eligibility requirements, see *Criteria for Thesis and Project* under Graduate Studies, page 476-477. Thesis schedule numbers are obtainable through the student's department.

Failure to meet eligibility requirements may result in cancellation of such enrollment. Thesis enrollment is not available through Extension or Open University.

300-399

Designed to meet professional needs that cannot be served by regular established course offerings. These courses are offered only through Extension and summer sessions. They assume completion of the bachelor's degree and/or appropriate professional service and are focused upon the problems that enrolled students encounter in their professional service. Although these courses are designed primarily for purposes other than the partial fulfillment of degree and credential requirements, they may, with approval by the department, be applied toward the undergraduate major. They may be used as part of the 40-unit upper-division requirement for the B.A. degree and as electives in the fulfillment of the total requirements for a baccalaureate degree and/or credential. They may not be used to meet the requirements of a master's degree or a joint doctoral degree.

400-499 are upper-division courses in CSU system programs administered by California State University, Fresno. Enrollment provisions listed for courses numbered 100-199 apply to these courses as well.

600-699 are graduate courses in CSU system programs administered by California State University, Fresno. Enrollment provisions listed for courses numbered 200-299 apply to these courses as well.

Course Numbering Symbols

- A-B Two-semester course normally taken in sequence
- A, B Listed as separate courses; may be taken independently
- F Field course
- G For graduate students only; these courses are designed for use in the first year of two-year master's degree programs; they consist of an intensive combination of material normally offered at the undergraduate level.
- H Honors
- L Laboratory associated with another course
- M Multiple subject designation for education courses/methods designation for communication courses

- N Non-majors
- R Remedial course
- S Service Learning courses
- T Topics course, varied area subject matter, repeatable for credit with different title and description
- W Writing skills course, meets upper-division requirement for graduation
- Z Semester abroad program courses

Course Descriptions. Courses are listed by number, title, units, and maximum total credit. Each unit generally represents one hour per week in class and two hours of preparation. Courses involving laboratory, activity, or other application normally require additional hours of class attendance. Lecture-laboratory hours indicate deviation from the usual one class hour per week for one unit of credit. Prerequisites are listed at the beginning of the course description. Course offerings are listed each semester in the *Schedule of Courses*.

Prerequisites. Course prerequisites are designed to protect students by ensuring that they have the necessary background and preparation for success in the course. Transfer courses with equivalent content are accepted in lieu of stated prerequisites. Students should check the prerequisites carefully before registering in a course to be sure that they have been met. The instructor can deny admission to a course if a student has not met the prerequisites.

Permission of Instructor. The instructor has the authority to waive the stated prerequisites for a course if it is in the interest of the student to do so and if in the instructor's judgment, the student has a background sufficiently adequate to permit satisfactory performance in the course.

Students will not receive credit for courses in foreign language or mathematics if credit has been awarded previously for a higher numbered course for which the lower numbered course is a prerequisite.

CAN. The California Articulation Number identifies some of the transferable, lower-division, introductory (preparatory) courses commonly taught on California college campuses. The CAN (ex. CAN ECON 2) is listed parenthetically at the end of the course description.