

Course Subjects, Symbols, and Terms

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

AAIS	Africana and American Indian Studies
ACCT	Accountancy
AETH	Applied Ethics
AGBS	Agricultural Business; Graduate
AGEC	Agricultural Economics
AGED	Agricultural Education
AGRI	Agriculture; Graduate
AH	Arts and Humanities
ANTH	Anthropology
ARM	Armenian
ARMS	Armenian Studies
ART	Art
ARTDS	Art and Design
ARTH	Art History
ASAM	Asian American Studies
ASCI	Animal Sciences
ASP	Aerospace Studies
ATHL	Athletics
BA	Business Administration
BIOL	Biology
BIOTC	Biotechnology
BUS	Business
CDDSD	Communicative Disorders and Deaf Studies
CE	Civil Engineering
CFS	Child and Family Sciences
CGSCI	Cognitive Science
CHEM	Chemistry
CHIN	Chinese
CI	Curriculum and Instruction
CLAS	Chicano and Latin American Studies
COMM	Communication
COMS	Community Service
CONST	Construction Management
COUN	Counselor Education
CRIM	Criminology
CRP	City and Regional Planning
CRSC	Crop Science — Agronomy and Vegetable Crops
CSB	Craig School of Business
CSCI	Computer Science
CSH	Consumer Science and Housing
CST	CalState TEACH
CULG	Culinology
DANCE	Theatre Arts
DRAMA	Theatre Arts
DS	Decision Sciences
EAD	Educational Administration
ECE	Electrical and Computer Engineering
ECON	Economics
EDL	Educational Leadership
EE	Electrical Engineering
EES	Earth and Environmental Sciences

EHD	Education and Human Development
ENGL	English
ENGR	Engineering
ENTR	Entrepreneurship
ERA	Educational Research and Administration
ESL	English as a Second Language
FBS	Forensic and Behavioral Sciences
FCS	Family and Consumer Sciences
FIN	Finance
FL	Foreign Language
FM	Fashion Merchandising
FN	Food and Nutrition
FREN	French
FSC	Food Science
FSM	Food Systems Management
GD	Graphic Design
GEOG	Geography
GERM	German
GERON	Gerontology
GME	Geomatics Engineering
GRK	Greek
GS	Graduate Studies
GSCC	Graduate Studies - Community College
HEC	Home Economics Education
HHS	Health and Human Services
HIST	History
HMONG	Hmong
HONOR	Honors
HORT	Horticulture
HRM	Human Resource Management
HS	Health Science
HUM	Humanities
IAS	Interdisciplinary Arts Studies
ID	Interior Design
INOV	Institute of Innovation
IS	Information Systems
ISA	International Studies Abroad
ISC	International Studies Course
IT	Industrial Technology
ITAL	Italian
JAPN	Japanese
KAC	Kinesiology Activity
KINES	Kinesiology
LATIN	Latin
LCOM	Learning Communities
LEE	Literacy and Early Education
LING	Linguistics
MATH	Mathematics
MBA	Master of Business Administration
MCJ	Mass Communication and Journalism
ME	Mechanical Engineering
MEAG	Mechanized Agriculture
MGT	Management
MKTG	Marketing
MPA	Master of Public Administration
MS	Military Science
MSA	Master of Science in Accountancy

MSCI	Marine Science
MUSIC	Music
NSCI	Natural Science
NURS	Nursing
NUTR	Nutrition
OH	Ornamental Horticulture
PAX	Peace and Conflict Studies
PH	Master of Public Health
PHIL	Philosophy
PHTH	Physical Therapy
PHYS	Physics
PLANT	Plant Science
PLSI	Political Science
PLTH	Plant Health
PORT	Portuguese
PSCI	Physical Science
PSYCH	Psychology
PT	Doctorate in Physical Therapy
RES	Revising and Editing Skills
RLS	Recreation and Leisure Studies
SC	Solutions Center
SKT	Sanskrit
SOC	Sociology
SPAN	Spanish
SPED	Special Education
SSCI	Social Science
SW	Soil and Water
SWRK	Social Work
UNIV	University
VEN	Viticulture and Enology
VIT	Viticulture
WS	Women's Studies

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
IB	G.E. INTEGRATION
IC	G.E. INTEGRATION
ID	G.E. INTEGRATION
MI	G.E. MULTICULTURAL/ INTERNATIONAL

Course Subjects, Symbols, and Terms

Catalog 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 or online at www.csufresno.edu/gradstudies through the "Forms" link, then "Enrollment/Registration."

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 505-506. Project class 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 505-506. Thesis class 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 profes-

sional 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. 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 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 Catalog Number 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 (UDWS) 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 Class Schedule.

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. Students will not be able to register in courses when proper prerequisites have not been met. The instructor can also 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.

Course Semester Designations

The course semester designation appears at the end of a course description. This designation indicates what semester(s) the course(s) will be offered.

Note: While courses will be offered in the semesters indicated, they may not be taught if enrollments are insufficient.

Code Meaning

F	Fall
S	Spring
SU	Summer
F odd	Fall of odd numbered years
F even	Fall of even numbered years
S odd	Spring of odd numbered years
S even	Spring of even numbered years
3RD	Every third semester
P	Periodically
PS	Periodically Summer