

# Course Subjects, Symbols, and Terms

## Course Subjects, Symbols, and Terms

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

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

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

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

### General Education

<b>A1</b>	G.E. FOUNDATION
<b>A2</b>	G.E. FOUNDATION
<b>A3</b>	G.E. FOUNDATION
<b>B1</b>	G.E. BREADTH
<b>B2</b>	G.E. BREADTH
<b>B4</b>	G.E. FOUNDATION
<b>C1</b>	G.E. BREADTH
<b>C2</b>	G.E. BREADTH
<b>D1</b>	G.E. BREADTH
<b>D2</b>	G.E. BREADTH
<b>D3</b>	G.E. BREADTH
<b>E1</b>	G.E. BREADTH
<b>IB</b>	G.E. INTEGRATION
<b>IC</b>	G.E. INTEGRATION
<b>ID</b>	G.E. INTEGRATION
<b>MI</b>	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](http://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 493-494. 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 493-494. 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 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. 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 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.