



American English Institute

The American English Institute (AEI), which has been a university program for more than 25 years, is designed to prepare international students for American university studies by offering instruction in English as a second language. Students receive 20 hours of instruction each week but do not earn academic credit. Qualified students earn a certificate of completion at the end of each session. During each session, up to 140 international students enroll at the institute. Students have come from more than 50 different countries.

Admission Requirements and Application Procedure. Applicants must be high school graduates who are at least 17 years old. Applicants should be motivated to improve their English speaking, listening, reading, and writing skills. They should be prepared to attend classes every day and to do homework regularly. Interested students should call or write to the institute to obtain application forms. After completed application forms have been submitted along with an application fee, students will receive an I-20. Since processing and mailing of the I-20 take time, students should apply at least six weeks before the session begins. For further information, call (559) 278-2097, send a FAX to (559) 278-5586, check our Internet site at <http://www.csufresno.edu/AEI>, or write:

Director, American English Institute
California State University, Fresno
2450 E. San Ramon Ave., Room 138
Fresno, CA 93740-8032

Calendar and Fees. AEI has spring, summer, and fall programs. The institute charges students application, tuition, health, and student service fees. Interested students should contact the institute to get specific information on fees and session dates.

Instruction Offered. AEI has an effective theme-based curriculum which focuses on students' needs and interests. Topics such as current events and American culture be-

come the basis for authentic listening, speaking, reading and writing tasks. The basic intensive program includes the following courses: reading and writing, listening and speaking, grammar, TOEFL preparation, computer laboratory, and pronunciation.

Special Programs. AEI also offers special classes and programs, such as GRE and GMAT preparation.

Applied Ethics

The Applied Ethics Program incorporates a wide range of courses addressing ethical issues and the application of moral values to problems students are likely to face in their professions, private lives, and responsibilities as citizens. Applied ethics courses are intended to enhance the students' appreciation of their own values throughout life.

While the program has neither a major nor minor, inclusion of several applied ethics courses in the students' curricula should be beneficial in a number of careers and in life itself. Several applied ethics courses count toward General Education requirements, as well as graduate seminars in certain departments. Prerequisites for advanced courses may be established by participating departments. For further information, consult the coordinator, Dr. Warren Kessler (Philosophy) and the *Schedule of Courses*.

COURSES

Applied Ethics (A ETH)

100. Contemporary Conflicts of Morals (3)
(See PHIL 120.)

101. Introduction to Professional Ethics (3)
(See PHIL 122.)

102A. Economics, Ethics, and Civilization (3)

102B. Economics, Ethics, and Civilization (3)
Theories of ethics and their relevance to civilization; a study of the economic and social philosophy of Karl Marx, humanist, scientist, and revolutionary, as well as a comparison of the Marxism of the USSR with the philosophy of Mao Tsetung and the People's Republic of China.

104. Politics and Christianity (3)
(See PL SI 112.)

106T. Topics in Applied Ethics (1-3)
Selected topics involving applied ethics covering a range of career and life issues. Usually requires a previous course in applied ethics or special background.

190. Independent Study (1-3; max total 6)
See *Academic Placement — Independent Study*. Approved for SP grading.

192. Directed Reading (1-3; max total 6)
Prerequisite: permission of instructor. Supervised readings in a selected applied ethics field.

194. Seminar in Applied Ethics (3)
Prerequisite: one course in applied ethics or special background. Intensive investigation of issues in applied ethics, normally requiring substantial student participation and discussion.

200. Ethics in Psychology (3)
(See PSYCH 231.)

201. International Relations and Political Theory (3)
(See PL SI 210.)

202. Ethics and Public Administration (3)
(See GPA 250.)

Asian Studies

California State University, Fresno offers courses in many disciplines which are concerned with South, Southeast, and East Asia. Although there is no degree program in Asian Studies at this time, an interdisciplinary undergraduate minor is available for students who desire a knowledge of Asia as a complement to their chosen academic discipline or profession. For further information and for aid in planning such a course of study, consult the coordinator, **Dr. Sudarshan Kapoor**, (559) 278-2013, (559) 278-3992, or any member of the Asian Studies Committee.

Asian Studies Minor

A Minor in Asian Studies consists of 21 units, including a minimum of 9 upper-division units. Specific requirements:

1. Six to 9 units in one of the areas listed under Section I or II.
2. A total of four courses, two (at least 6 units) from Section I and two (at least 6 units) from Section II, but none in the area chosen in Requirement 1.

3. Up to 3 units of electives from Section I, II, or III.

Independent Study (190) courses in any department may be applied toward the minor as long as they cover some aspect of Asian Studies and are approved by the coordinator. Unspecified topics courses and seminar courses listed below must cover some aspect of Asia to be counted toward the minor.

Note: The Asian Studies Minor also requires a 2.0 GPA and 6 upper-division units in residence.

COURSES

Section I. Humanities

LING 110 Indic Culture and Tradition (3)

Language

CHIN 1A-1B Elementary Chinese (3-3)
 CHIN 2A-2B Intermediate Chinese (3-3)
 JAPN 1A-1B Elementary Japanese (3-3)
 JAPN 2A-2B Intermediate Japanese (3-3)
 SKT 10A-B Sanskrit (3-3)

Philosophy and Religion

PHIL 136 Buddhism (3)
 PHIL 137 Hinduism (3)
 PHIL 138 Chinese Thought (3)
 PHIL 172T Seminar in
 Religious Issues (1-4)

Section II. Social Sciences

ANTH 123 Peoples and Cultures of Southeast Asia (3)
 ANTH 124 Peoples and Cultures of East Asia (3)
 ANTH 155 Folk Medicine (3)
 ANTH 125 Tradition and Change in China and Japan (3)
 ANTH 126 Cultures and Foods of East Asia (3)
 ECON 114 Economic Development of Poor Nations (3)
 ECON 182 Political Economy of China (3)
 ECON 188T Special Topics (1-3; max total 6)
 GEOG 177T Asian Regions (3; max total 9 if no area repeated)
 HIST 6 East Asian Civilization
 HIST 191 Modern Far East, 1843-1949 (3)
 HIST 192 Modern Far East, 1949-Present (3)
 HIST 199T Studies in Far Eastern History (1-3; max total 6 if no topic repeated)
 PL SI 145T Area Studies in Asia (3)
 PL SI 183 Comparative Administration (3)
 S WRK 122T Gandhi and Nonviolence (3)

Section III. Courses

Partially Related to Asia

AG EC 140 Agriculture and International Development (3)

Additional courses may be selected with prior approval from the coordinator.

CalStateTEACH

Multiple Subject, CalStateTEACH (CST) Emergency Permit/Pre-Intern/Intern Program. CalStateTEACH is an alternative path to a multiple subject preliminary teaching credential with a CLAD emphasis. Available to individuals residing and teaching in any geographical location in the Fresno/Monterey Bay region, CalStateTEACH is designed specifically to serve teachers who hold an Emergency Permit and teach in an elementary school (grades K-8). It is also for those who want to become teachers but are unable to access campus programs due to personal circumstances or because they live beyond commuting distance to a university. The program has been constructed to integrate the theory and practice of teaching with the daily experiences of teachers in the classroom.

CalStateTEACH is a personalized, distributed learning program where beginning teachers work in small groups, guided and supported by faculty of Fresno State as well as by on-site school personnel. This flexible form of instruction allows part-time, home-based study and uses a rich mix of print, Internet, World Wide Web, video, and audio materials. There are no regular university classes to attend, although there are five Saturday seminars over the course of the 18- to 22-month program. After successfully completing the program, intern teachers will have earned a preliminary credential with a CLAD emphasis and 39 units of credit.

The CalStateTEACH program is offered in four stages. Fees include the cost of instruction and all books, course guides, videotapes, audio cassettes, and computer software. Federal and state financial aid in the form of grants and loans are available for qualified students.

For more information, contact Dr. Walter Ullrich at (559) 278-0234, wullrich@csufresno.edu, SOEHD Room 210C, M/S ED1.

Program Requirements

- 1. Subject Matter Competency.** California provides two ways for potential teachers to demonstrate knowledge of subject matter: completion of the liberal studies waiver program or passage of the Multiple Subject Assessment for Teachers (MSAT). At initial enrollment, students who have not already met this requirement will be advised regarding which route might be most appropriate. This requirement must be met prior to the beginning of Stage 2.
- 2. Computer and Internet Requirements.** Since there is a Web-based communication system for the program, each participant must have access to a computer connected to the Internet.
- 3. Admission to the Program.** Admission requirements are based on the standards of CSU campuses and the California Commission on Teacher Credentialing. Basic requirements include a bachelor's degree from a regionally accredited college or university, passage of CBEST, a qualifying college grade point average, evidence of writing proficiency, successful completion of an interview with Fresno State faculty (learning support faculty), and three letters of recommendation. Assuming that these requirements are met, teachers working full-time under a pre-intern certificate or intern credential in a public elementary school will qualify for CalStateTEACH. Assuming they are otherwise qualified, some elementary private school teachers, middle school teachers, teacher aides in public schools, long-term elementary substitute teachers, and other persons may be qualified to participate if they can obtain a substantial teaching experience to meet the in-class requirements of the program. This determination will be made on an individual basis, according to program specifications.

Special Programs

4. Professional Preparation	<i>Units</i>
Stage 1: CST 401	9
Stage 2: CST 402	9
Stage 3: CST 403	9
Stage 4: CST 404	12
Total	39*
CST 444: MSAT Prep	3**

* Nineteen units are intern teaching, observation, and application in the classroom. The remaining 20 units are devoted to the regular multiple subject credential coursework, plus the infusion of Crosscultural, Language, and Academic Development (CLAD), mainstreaming, and technology curriculum.

** To be taken concurrently with CST 401 for those who have not passed MSAT.

For CLAD certification, candidates must have taken the equivalent of 6 semester units of a language other than English with a grade of *C* or better. See page 256 for courses.

Cooperative Education

California State University, Fresno's Cooperative Education program (Co-op) incorporates productive, major-related work experience into a student's academic studies. Cooperative education students are given the opportunity to combine classroom theory with "on-the-job training" to work with professionals in their particular field of study and to test their career choice.

In addition to augmenting their marketable knowledge, students receive competitive wages, develop maturity, and may earn academic credits from cooperating departments. The program is available to all academic majors upon completion of the freshman year. There are two options for participation:

1. Under the *Alternating Plan*, students work one semester on a full-time basis and then study one semester on a full-time basis.
2. Under the *Parallel Plan*, part-time work is found that closely relates to a student's current classes and career interests.

Work, related to the student's academic and career choices, is identified through the combined efforts of the Cooperative Education Section of Career Services and the various academic departments. Placement arrangements are negotiated with local cooperating employers in the San

Joaquin Valley, as well as throughout California and the United States. Co-op students have been placed in city, state, and federal governmental agencies; agriculture; business; and all facets of private industry.

To be eligible for co-op, you must be currently registered at California State University, Fresno, have at least a 2.0 grade point average, and be a sophomore, junior, senior, or graduate student. Eligibility for accredited co-ops and internships may vary between departments and colleges/schools. For further information, telephone **Career Services at (559) 278-2381**, or visit the center in the Joyal Administration Building, Room 256. Please note: all business related co-ops or internships accredited through the Craig School of Business are handled by the internship coordinator in the Peters Building, Room 185, (559) 278-4985.

The following courses are examples of field experiences that may qualify as cooperative education. Check with the academic department for enrollment requirements:

AG EC 194	Agribusiness Internship
A SCI 194	Agricultural Internship
C E 193	Internship in Civil Engineering
COUN 239	Field Practice in Professional Services Counseling
COUN 249A	Field Practice in Elementary School Counseling
COUN 249B	Field Practice in Middle or High School Counseling
C SCI 194	Cooperative Education
CTET 122	Fieldwork in Outdoor Education
ECE 193	Electrical and Computer Engineering Cooperative Internship
ENGL 185	English Internship Seminar
ENGL 186	Internship in English
ENOL 194	Enology Internship
FCS 193	Cooperative Education
H S 185F	Fieldwork in Health
I E 193	Industrial Engineering Cooperative Internship
I T 194	Cooperative Education in Industrial Technology
M E 193	Mechanical Engineering Cooperative Internship
NUTR 193	Supervised Work Experience
PH TH 180T	Topics in Physical Therapy
PLANT 194	Agricultural Internship
PL SI 187	Internship in Public Administration
S E 193	Internship in Surveying Engineering
SPED 160F	Fieldwork in Special Education

International Programs

There are several programs offered by the university under this heading.

- The **campus program** is designed for students whose native language is not English and for those whose education has been in a language other than English. All such students are required to participate in post-admission English language tests, such as the University English Exam (UEE). As a result of such testing, any student may be required to register for E S L writing classes (E S L 20, 30, or 110W.)
- The **overseas program** features study abroad through the CSU system-wide program; the campus semester programs to China, London, and the South Pacific; and the University Studies Abroad Consortium (USAC).
- The **National Student Exchange** also has opportunities for students to study abroad through a university in another state.

Campus

The International (Campus) Program provides courses to help international students gain adequate skill in the use of the English language and sufficient familiarity with American customs and tradition to obtain maximum benefit from their experience at an American university. The following program, taught through the Linguistics Department, is required of all entering international students, unless excused from part or all of it by the English as a Second Language (E S L)/International Studies Courses (I S C) Petitions Committee on the advice of the persons concerned with the instruction and administration of the program. This decision is based on a consideration of test scores and other data supplied by the student with his or her application. (See *International Student Services and Programs*.)

First Semester Program. Most undergraduate students are required to enroll in E S L 30 and I S C 93 the first semester of residence. In addition, students with less skill in English may be required to take E S L 20. With permission of their international counselor, students may enroll in other regular courses.

Other Undergraduate Courses. E S L 110W is often required of transfer students who have completed ENGL 1 or its equivalent and 56 units of coursework.

Courses Taken in Graduate Standing. An entering graduate student whose previous education has been in a language other than English is held to similar standards of English proficiency as are undergraduate students and may be required to enroll in the following undergraduate courses (such as E S L 110W). English proficiency is based on performance on the UEE.

COURSES

English as a Second Language (E S L)

Newly arrived international students are placed into or exempted from E S L classes based on their University English Exam (UEE) scores.

20. Intermediate English as a Second Language (3)

Emphasizes the development of reading skills and multi-paragraph essays, beginning with personal writing then moving toward the more objective nature of academic prose. Relevant areas of grammar are selected based on student errors and the nature of the written essay.

21. Advanced Oral Practice in American English (3)

Advanced work on stress, rhythm, and intonation. Practice in listening comprehension. Speech styles: formal vs. informal. Speech organization and delivery.

30. Advanced English as a Second Language (3)

An introduction to reading based on academic writing and the advanced E S L writing skills required for academic exposition, argumentation, and research papers. Areas of English grammar important to non-native speakers are taught based on problems in student compositions.

110W. Advanced Composition for Foreign Students (3)

Prerequisite: satisfactory completion (C or better) of the ENGL 1 graduation requirement, to be taken no sooner than the term in which 60 units of coursework are completed. Review of selected points of English usage. Conventions of writing formal research reports. Writing of short essays. Practice in paraphrasing and summarizing. Writing complex sentences in concise form. Meets the upper-division writing skills requirement for graduation.

International Studies Course (I S C)

93. Contemporary American Society (1) Introduction to contemporary American society to familiarize the student with political and social issues and ideological conflicts. (2 seminar hours)

Overseas

CSU International Programs

Developing intercultural communication skills and international understanding among its students is a vital mission of the California State University (CSU). Since its inception in 1963, the CSU International Programs has contributed to this effort by providing qualified students an affordable opportunity to continue their studies abroad for a full academic year. More than 12,000 CSU students have taken advantage of this unique study option.

International Programs participants earn resident academic credit at their CSU campuses while they pursue full-time study at a host university or special study center abroad. The International Programs serves the needs of students in over 100 designated academic majors. Affiliated with more than 70 recognized universities and institutions of higher education in 16 countries, the International Programs also offers a wide selection of study locales and learning environments.

The affiliated institutions are the University of Western Sydney (Australia); the universities of the Province of Quebec (Canada); Pontificia Universidad Católica de Chile, Santiago (Chile); the University of Copenhagen (Denmark) through Denmark's International Study Program; the University of Marseille, the University of Law, Economy, and Sciences, the University of Paris, the Institute of French Studies for Foreign Students, the Institute of Oriental Languages and Civilizations, and Evry (France); the University of Tübingen and a number of institutions of higher education in the federal state of Baden-Württemberg (Germany); the Hebrew University of Jerusalem and Tel Aviv University (Israel); the University of Florence (Italy); Waseda University (Tokyo, Japan); Yonsei University (Seoul, Korea); Instituto Tecnológico y de Estudios Superiores de Monterrey, Campus Querétaro (Mexico City, Mexico); Massey University and Lincoln University (New Zealand); the universities of Granada and Madrid (Spain); Uppsala Universitet (Sweden); National

Chengchi University (Taipei, Taiwan); Bradford, Bristol, Hull, Kingston, and Sheffield universities and the University of Wales, Swansea (the United Kingdom); and the University of Zimbabwe (Harare).

International Programs pays all tuition and administrative costs for participating California resident students to the same extent that such funds would be expended to support similar costs in California. Participants are responsible for all personal costs, such as transportation, room and board, living expenses, and home campus fees. Participants remain eligible to receive any form of financial aid (except work-study) for which they can individually qualify.

To qualify for admission to the International Programs, students must have upper-division or graduate standing at a CSU campus by the time of departure. Students at the sophomore level may, however, participate in the intensive language acquisition programs in France, Germany, and Mexico. California Community Colleges transfer students are eligible to apply directly from their community colleges. Students must also possess a current cumulative grade point average of 2.75 or 3.0, depending on the program for which they apply. Some programs also have language study and/or other coursework prerequisites.

Obtain information and application materials from the International Programs Office, Family and Food Sciences Building, Room 111 or call (559) 278-6452. Or write to the California State University International Programs, 401 Golden Shore, Sixth Floor, Long Beach, CA 90802-4210. Visit us on the World Wide Web at www.gateway.calstate.edu/csuienet/. Applications must be submitted by February 1 for the next academic year overseas.

COURSES

Fresno State students under The California State University International Programs register concurrently on campus and at the host institution abroad, with credit assigned in terms of Fresno State courses. Undergraduate students who find appropriate study opportunities at the host institution but no local counterpart course may use Independent Study 190, and International Studies Abroad 92 or 192. Graduate students may use Independent Study 290 and International Studies Abroad 292.

Special Programs

International Studies Abroad (ISA)

92. Projects in Study Abroad:

(Subject) (Units variable; max total 18)

Open only to students in The California State University International Programs. Study undertaken in a university abroad under the auspices of The California State University.

192. Projects in Study Abroad:

(Subject) (Units variable; max total 18)

Open only to students in The California State University International Programs. Study undertaken in a university abroad under the auspices of The California State University.

292. Projects in Study Abroad:

(Subject) (Units variable; max total 18)

One- to three-unit registrations. Prerequisite: admission to master's degree program; written plan approved by the instructor, department chair, and dean of the Division of Graduate Studies. May require one or more papers and oral or written examination on the student's return before the recording of the final grade.

University Semesters

London Semester (spring) includes numerous opportunities to travel in England, Scotland, Wales, and on the European Continent. Program information is available from the College of Arts and Humanities at (559) 278-3056. (See page 181.)

South Pacific Semester (every other spring) is offered through the College of Science and Mathematics. (See page 404.)

University Studies Abroad Consortium

The University Studies Abroad Consortium (USAC), a consortium of ten American universities, organizes fully accredited summer, semester, and year-long programs in Australia, Chile, China, Costa Rica, Denmark, England, France, Germany, Ireland, Israel, Italy, Malta, New Zealand, Scotland, Spain, and Thailand. The programs are diversified, allowing students to fulfill up to two years of university foreign language requirements in one semester. Courses are also offered in a variety of other subjects. Field trips and full integrated living opportunities are key parts of the program. Any student currently enrolled at California State University, Fresno who has an overall GPA of 2.5 or better on a 4.0 system is eligible to apply to a USAC program.

For more information, contact the International Programs Office, Family and Food Sciences Building, Room 111, (559) 278-6452.

National Student Exchange Program

The National Student Exchange, a consortium of over 160 state-supported colleges and universities, allows students to attend, for up to one academic year, an institution of higher learning in another area of the United States. In bringing together students from different parts of the country, the program encourages participants to broaden their academic, social, and cultural awareness. Through a simplified admissions process, students are able to enroll at their host institutions with the same financial benefits enjoyed by in-state residents. Coursework completed will be treated as transfer coursework, but students will be allowed to retain catalog rights for California State University, Fresno degrees.

To qualify, a participant must: (1) be currently enrolled as a full-time undergraduate student at Fresno State and in the term prior to exchange; (2) be a sophomore, junior, and in some cases have senior status during the exchange; (3) have a minimum 2.5 GPA at the end of the fall semester and at the completion of the term prior to exchange; (4) be in good standing at California State University, Fresno. The program is closed to postbaccalaureate students. Applications are available in December. Deadline for submission is the end of February.

For more information about this opportunity for educational travel and study in a new environment, contact the International Programs Office, Family and Food Sciences Building, Room 111. **Phone:** (559) 278-6452.

Interprofessional Collaboration

The practice of interprofessional collaboration has been identified as a critical skill for educators, health professionals, and social service providers, especially with the increasing complexity of our educational, health, and social service networks.

The Certificate of Advanced Study in Interprofessional Collaboration (CASIC) is a 15-unit, two-semester program that provides graduate students and practicing professionals with essential knowledge and skills in interprofessional collaboration while earning university credit and an academic certificate at the completion of the program.

The general purposes of this program are

- to introduce practice strategies and theoretical foundations for team-building and interprofessional collaboration and
- to improve outcomes for recipients of health, education, and social services through integrated service delivery systems, education, and training.

Application Requirements

Applicants must meet the following requirements:

1. Apply to post-baccalaureate graduate studies and at minimum be admissible to unclassified post-baccalaureate standing. (See *Division of Graduate Studies*.)
2. Follow application guidelines for CASIC program.
3. Participate in a formal interview with the CASIC Admissions Committee faculty member after initial screening of application materials.

International students must meet the TOEFL score requirement in addition to the IPC program admission requirements. (See *Division of Graduate Studies*.)

Application deadlines are December 1 for spring semester admission and July 1 for fall semester admission.

Applications may be obtained from the **Interprofessional Collaboration Program**, 5005 Maple Avenue M/S ED1, Fresno, CA 93740-8025 or by calling (559) 278-0246. Visit the Web site at <http://www.csufresno.edu/interprof>.

Required courses (9 units)

IPC 201, 202, 203

Students must choose 3 semester units of coursework from Group A and 3 semester units from Group B to fulfill the 6 unit elective requirement. Students may take any course with the permission of the instructor, with the understanding that in some cases upper-division and graduate courses often have their own prerequisite

requirements, which must be met. In some disciplines enrollment is restricted to cohorts of students who have been admitted to a specific graduate program.

The following is a list of acceptable electives. Three units must be taken from each group.

Electives (6 units)

Group A: AF AM 144; EHD 108; SOC 162, 168; COMM 108, 164, 266; COUN 201; PH TH 142; PSYCH 175, 178, 278; S WRK 135, 140, 216, 244; CRIM 134; ERF 140

Group B: EHD 109; COMM 167, 168, 268; COUN 202; EAD 264, 265, 275; NURS 225; PH TH 231, 232; PSYCH 277, 279; S WRK 141, 247; GPA 210, 240

COURSES

Interprofessional Collaboration (IPC)

201. Interprofessional Collaboration Foundations (3)

Prerequisite: graduate standing or permission of the instructor. Examination of beliefs and biases affecting professionalization and discipline specific culture. Group process and team building skills, including active listening, conflict mediation, and cultural competence. Principles of integrated service delivery models of team practice in a multi-cultural and interdisciplinary context.

202. Integrated Service Delivery Models (3)

Prerequisite: admission into the CASIC program. Analysis of local community health, education, and economic challenges. Looks at issues in working with families and communities, including access and equality. Covers organizational development and systems that build interagency partnerships for collaborative practice. Measures outcomes of integrated service delivery programs.

203. Practicum in Interprofessional Collaboration (3)

Prerequisite: admission into the CASIC program. Thirty hours of supervised practice in an agency using an integrated service delivery model. This will be supplemented by a weekly two-hour seminar on campus that provides a forum for reflection, analysis, and synthesis of experiences and observations.

Revising and Editing Skills

The following minicourses are designed to help students improve their writing skills. Each course offers intensive work in a specific area. Students may take one or all or any combination of these 1-unit courses. These courses may be taken prior to, concurrently with, or after ENGL 1 or ENGL A. Classes are taught by members of the Linguistics Department.

COURSES

Revising and Editing Skills (RES)

4A. Spelling and Word Formation (1)

Developing awareness of the systematic nature of English spelling in relation to the sound system and rules for word formation in the language. Mastery of the system rather than word memorization is emphasized.

4B. Vocabulary Development (1)

Acquiring greater sensitivity to the literal and implied meanings of words, developing an awareness of the processes of word formation in English, and expanding the active vocabulary.

4C. Sentence Structure (1)

Developing skill in writing clear, mature sentences. Focus is on structure — that is, on the alternative ways of phrasing the same idea and the consequences of choosing one alternative and not another. Sentence and phrase expansion, reduction, combination, and rearrangement are emphasized, not traditional grammar.

Solutions Center

The Solutions Center (formerly School of Agricultural Sciences and Technology Clinic Program) is a campus-based, team centered, open-ended, problem-solving experience appropriate for upper-class students. Solutions Center projects involve teams of three to five students under the direction of a faculty member, working on a problem identified and funded by a client/sponsor from industry, government, or the community. Students are expected to put into practice the theories they have learned in the classroom and deal with the dynamics of teamwork, budget, and schedule restraints. The program is intended to be a culminating experience for students. In some depart-

ments, a Solutions Center project fulfills the requirement for a senior project or an internship.

The Solutions Center establishes linkages with private sector sponsors, giving them an opportunity to participate directly with students and in university programs. Sponsors experience the successful application of university resources to specific areas of interest.

To be eligible for a Solutions Center course, a student must be currently registered at California State University, Fresno, have a 2.5 or greater grade point average, and be a senior level or graduate student. Specific projects vary from semester to semester and enrollment is dependent on approval of the project adviser/instructor. For further information, call (559) 278-5687 or check our Internet site at http://www.csufresno.edu/solutions_center.

Solutions Center (S C)

197. Solutions through Collaboration (3; max total 6)

Prerequisites: senior or graduate standing and permission from project adviser/instructor. Projects require collaborative teamwork and emphasize application of theory. Students immerse themselves in all of the professional activities of real time, real world management practices as they research questions for business, industry, and government. (Formerly AST 197)

**Special Major
Master's Degree**

The special major for the Master of Arts degree is available to qualified graduate students when there is a need for advanced study in subject matter that is interdisciplinary and that is not available through existing graduate programs. In such instances, proposals for a special major that may combine cohesive, interrelated coursework from two or more departments must be submitted for the approval of the dean, Division of Graduate Studies. Proposals that could be accommodated by an existing master's degree or option at California State University, Fresno, as in the use of elective courses, are not approved.

Special Programs

General Eligibility

The student must demonstrate a superior undergraduate preparation for advanced studies and research appropriate to the departments involved in the proposed special major. The student must meet the minimum criteria for admission to conditionally classified standing in the departments concerned.

Degree Requirements

The basic requirements for the special major are the same as for all other master's degrees. A minimum of 30 units is required, and at least 70 percent of the program must consist of courses designated for graduate study, that is, in graduate-level 200-series courses. The proposed program must truly reflect the requirements of scholarly creativity and research appropriate to the graduate level and must exhibit overall coherence in a particular, recognized field of study. The proposed program must lead to the mastery of specific knowledge or skills in an area of advanced studies for which adequate faculty, library, and laboratory resources are present.

Although the special major provides an opportunity for exceptional students to engage in a program outside the framework of existing majors, all normal graduation requirements and standards will be applied. Students pursuing a special major master's degree are required to write a thesis to fulfill the requirement for a culminating experience. For more detailed information concerning the application process and the procedures for constituting a committee and program for the special major, consult the Division of Graduate Studies.

Summer Arts

California State University Summer Arts is a multidisciplinary festival of performing and visual arts, recognized as the largest and most dynamic summer arts program in the western United States. The goal of the program is to create a center for learning where students, faculty, professionals, and audiences from all over the world come together to explore connections, experiment with new modes of communication, and engage in the process of making art.

The program offers masterclasses in theatre, music, dance, visual arts, creative writing, arts education, and new technologies including film, video and computer arts. The festival's offerings are enhanced through the participation of many internationally known guest artists and feature a large number of public events and performances. These summer workshops provide a transforming experience in the arts through intense artistic immersion and the chance to study with world-renowned guest artists and master teachers.

Course Description

Topics courses are offered by the CSU Summer Arts festival in the visual and performing arts, media art, creative writing, and art education. See CSU Summer Arts brochure for topics offered. Audition or portfolio review by CSU Summer Arts is required for enrollment. Special course fees may be required. Each topics course may be repeated for a total of 12 units. See page 97 for information about the *Course Numbering System*.

Art Education:

- ART 431T - Topics in Education in the Fine Arts
- ART 432T - Topics in Art Education
- ART 631T - Topics in Education in the Fine Arts
- ART 632T - Topics in Art Education

Creative Writing:

- ENGL 422T - Topics in Creative Writing. Intensive workshop in the writing of poetry and fiction.
- ENGL 622T - Topics in Creative Writing. Intensive workshop in the writing of poetry and fiction.

Dance:

- DANCE 427T - Topics in Dance
- DANCE 428T - Topics in Dance Production
- DANCE 627T - Topics in Dance
- DANCE 628T - Topics in Dance Production

Media Art:

- MCJ 429T - Topics in Media Art. Advanced projects in media art, multimedia production, and video programs.
- GD 430T - Topics in Animation and Graphic Design. Advanced projects in graphic design from concept to computer-generated files.
- MCJ 629T - Topics in Media Art. Advanced projects in media art, multimedia production, and video programs.
- GD 630T - Topics in Animation and Graphic Design. Advanced projects in graphic design from concept to computer-generated files.

Music:

- MUSIC 423T - Topics in Music Performance
- MUSIC 424T - Topics in Instrumental Music
- MUSIC 623T - Topics in Music Performance
- MUSIC 624T - Topics in Instrumental Music

Theatre:

- DRAMA 425T - Topics in Theatre Arts
- DRAMA 426T - Topics in Theatre Production
- DRAMA 625T - Topics in Theatre Arts
- DRAMA 626T - Topics in Theatre Production

Visual Arts:

- ART 420T - Topics in the Visual Arts. Investigation of advanced topics in the visual arts. Coursework may include studio productions, critiques, and evaluations.
- ART 421T - Topics in Studio Art. Advanced projects in studio art.
- ART 620T - Topics in the Visual Arts. Investigation of advanced topics in the visual arts. Coursework may include studio productions, critiques, and evaluations.
- ART 621T - Topics in Studio Art. Advanced projects in studio art.