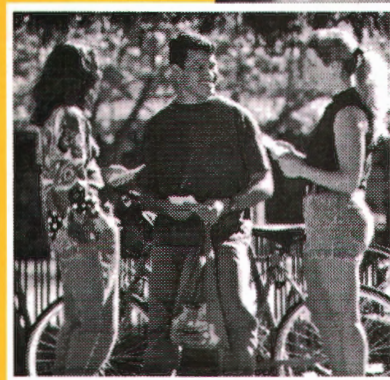
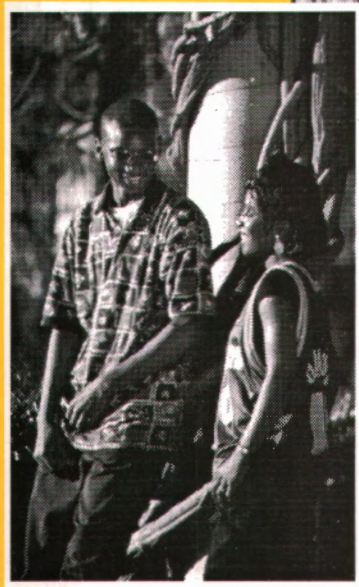


CALIFORNIA
STATE UNIVERSITY,
STANISLAUS

1997-99 CATALOG
SUPPLEMENT



Preface

Catalog Supplement

This *Catalog Supplement* is intended to serve as an official update of the University's curricula as published in the 1997-99 University Catalog. Other official University policies and information also are contained in this supplement.

Every effort has been made to ensure the accuracy of this publication. However, the provisions in this supplement are not to be regarded as an irrevocable contract between the student and the University. The University reserves the right to revise course requirements and descriptions as it deems academically appropriate throughout the year.

The *Catalog Supplement* does not include all policies and regulations. CSU Stanislaus directs students to review the policies and information contained in the 1997-99 catalog and to seek the assistance of a university adviser in regard to specific requirements, regulations, and catalog provisions.

Unless otherwise noted the courses listed in this supplement are new and have been added to the Catalog Master File since the publication of the 1997-99 University Catalog.

University Catalog

Reference copies of the 1997-99 *University Catalog* are available in the Vasche Library. Personal copies can be purchased at the Kiva Bookstore, 801 W. Monte Vista Avenue, Turlock, California, 95382, (209) 667-3161, for \$10.00 (includes tax). To order copies by mail from Kiva Bookstore, within the continental United States, include \$15.00 to cover catalog, tax, handling, and postage. For international orders send \$25.00 (U.S. dollars).

Schedule of Classes

The *Schedule of Classes* is available at the Kiva Bookstore for \$1.50 (includes tax). To order by mail, within the continental United States, include \$4.00 to cover handling and postage. For international orders send a total of \$8.00 (U.S. dollars).

Catalog Staff

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Special thanks to

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Dan Bratten
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Cover

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California State University, Stanislaus

**1998-99
Supplement
to the 1997-99 University Catalog**



**CSU
STANISLAUS**

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Turlock, California 95382-0299
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1998-99 Academic Calendar Changes

Fall 1998 Semester

Change	From	To
October 12, 1998	Offices open, no classes	Offices open, classes will be held
F98 Last day of classes	December 14	December 11
Final Examinations	December 15, 16, 17, 18, 21	December 14, 15, 16, 17, 18
F98 Last day of term	December 21	December 18
Bound Master's Thesis due to Graduate Studies Office	December 21	December 18
Grades due from faculty	December 18-24	December 17-23

Spring 1999 Semester

Change	From	To
S99 Classes begin	February 8	February 15
Enrollment census date: Enrollments not accepted after this date	March 9	March 12
S99 Last day of classes	May 17	May 20
Reading Day - May 21		ADDED
Final examinations	May 19, 20, 21, 24, 25	May 24, 25, 26, 27, 28
Bound Master's Thesis due to Graduate Studies office	May 25	May 28
Commencement		May 29
Grades due from faculty	May 24-28	May 27-June 3

Recent Administrative Appointments

- Interim Vice President for
Business and FinanceMary Stephens
- Interim Dean, University Extended
Education Shelley Bartenstein
- Credential
Analyst Becky Jo Akers
- Associate Director, Admissions
and Records Lisa M. Bernardo
- Coordinator, Advancement
Services Christine Hollister

Public Safety Emergency

In an emergency or to report an incident dial 911 if using a campus phone.

Regional Education

The Stockton Center

Effective this Fall 1998, The Stockton Center name changes to the California State University, Stanislaus Multi-Campus Regional Center (MCRC) and will move to a new location. Instruction and administrative offices will be located at 612 Magnolia Street, Stockton, CA 95202. MCRC partner institutions include the University of the Pacific, San Joaquin Delta College, and the CSU campuses of Chico, Fresno, Sacramento, and Stanislaus.

Distance Learning

A Merced TV reception site at Merced College will be added in Spring 1999.

Open University Extended Education

Since Open University enrollment is permitted only on a space-available basis, enrollment approval may not be given prior to the first day of instruction for a term. Instructor approvals dated prior to that day are invalid and unacceptable.

Undergraduate Admissions Requirements

Revised Subject Requirements

The California State University requires that first-time freshman applicants complete, with grades of C or better, a comprehensive pattern of college preparatory study totaling 15 units. A "unit" is one year of study in high school. Within the 15 units completed, up to one unit (one year) in visual and performing arts or foreign language may be missing and offset by a college preparatory course(s) in other areas. The missing unit of visual and performing arts or foreign language must be completed either prior to, or by the end of the first year, of CSU enrollment. This provision is effective through the 2000 - 2001 academic year. (See the list of college preparatory courses on page 28 of the 97-99 University Catalog.)

New Subject Requirement Substitution for Students with Disabilities

Applicants with disabilities are encouraged to complete college preparatory course requirements if at all possible. If an applicant is judged unable to fulfill a specific course requirement because of his or her disability, alternate college preparatory courses may be substituted for specific subject requirements. Substitutions may be authorized on an individual basis after review and recommendation by the applicant's academic adviser or guidance counselor in consultation with the director of a CSU disabled student services program. Although the distribution may be slightly different from the course pattern required of other students, students qualifying for substitutions will still be held for 15 units of college preparatory study. Students should be aware that course substitutions may limit later enrollment in certain majors, particularly those involving mathematics. For further information and substitution forms, please call the director of disabled student services.

New Admission Requirements

Effective for Fall 1998 third-year level transfer students to the CSU must complete *prior to admission* four CSU approved General Education courses in mathematics, oral expression, written communication and critical thinking *with grades of at least C-*. Exceptions will be considered only in unusual cases of severe hardship.

Students who need courses for transfer to CSU Stanislaus are welcome on a space available basis in "visitor

status" for the University Extended Education Open University and Summer Session programs. (See "University Extended Education" on page 25 of the 1997-99 University Catalog.)

The following college courses satisfy the General Education Breadth requirements at CSU Stanislaus, Columbia College, Merced College, Modesto Junior College, and San Joaquin Delta College:

English & Mathematics Skills General Education Courses

CSU GE COURSES	CSU Stanislaus	Modesto Jr. College	San Joaquin Delta College	Merced College	Columbia College
A.1 Oral Expression	COMM 2000 or 2110	SPCH 100 or 102	SPCH 1A	SPCH 1, 4, or 5	SPCH 1
A.2 Written Communication*	ENGL 1001 or 1002	ENGL 101	ENGL 1A	ENGL 1A	ENGL 1A
A.3 Critical Thinking	ENGL 2000 or PHIL 2000	PHIL 103, 105, or 107, COMP SCI 103, ENGL 103, SPCH 104 or 107	ENGL 1B, 1D, PHIL 30	PHIL 10, 12, 13, ENGL 13	ENGL 1B, 1C, or SPCH 2
B.3 Mathematics*	MATH 1000, 1030, 1070, 1080, 1100, 1410, 1500, 1600, 1610, or 1910	MATH 101, 105, 106, 115, 121, 122, 130, 134, 138, 144, 171, or 172	MATH 1, 2, 10, 12, 13, 17A, 20, 30, 31, 36, or PSYC 12	MATH 2, 4A, 5A, 5B, 10, 15, 20A, 20B, 21, 25, or 26	MATH 2, 6, 8, 10, 12, 16, 18A, 18B, or 18C

* C- or higher grades required for EPT/ELM exemptions and third-level transfer to the CSU.

CSU English Placement Test (EPT)

Who must take the EPT?

1. Unless a student qualifies for one of the EPT exemptions, it is necessary that the student take the EPT *before the first semester at CSU Stanislaus. Failure to satisfy this testing requirement before the first semester of enrollment will result in a registration hold. (See registration instructions section of the Schedule of Classes.)*
2. If the score on the EPT is not at least 149, the student must, *in the first term of enrollment*, enroll in an appropriate course of remedial study which, upon completion, will allow enrollment in a required General Education English Composition course.

Test Exemption Changes

1. A score of 660 or above on the College Board SAT II Writing Test taken between April 1, 1995 and April 1, 1998; *or*
2. A score of 680 or above on the re-centered and adjusted College Board SAT II: Writing Test taken May 1998 or after. Beginning in May 1998, SAT II: Writing Test scores will increase about 10 to 20 points. The adjustment is being made to make Writing Test scores more comparable to scores on other SAT II subject tests. Although scores will be higher, their relative rank compared to scores for tests taken before May 1998 will remain the same.

CSU Entry-Level Mathematics Test (ELM)

1. Unless a student qualifies for one of the approved ELM test exemptions, the student is required to take the ELM test *before the first semester at CSU Stanislaus. Failure to satisfy this testing requirement before the first semester of enrollment will result in a registration hold.*
2. If the student takes but does not pass the ELM test (and does not have an exemption from it), the student will be required to enroll in an appropriate course of remedial study *in the first term of enrollment* culminating in the passing of MATH 0105, Intermediate Algebra, at CSU Stanislaus *or* retake and pass the ELM test. After passing MATH 0105 at CSU Stanislaus the student will be eligible to take a General Education mathematics course and will not have to take the ELM again.

Remediation of CSU Stanislaus English and Math Entry Level Deficiencies

New EPT/ELM Requirements

- All non-exempt admitted undergraduates must take the English Placement Test (EPT) and the Entry Level Mathematics (ELM) examination prior to enrollment in any course in any department.
- Failure to take either the EPT or ELM tests, as required, *before the first semester of enrollment* may lead to administrative probation, which according to Section 41300.1 of Title 5, California Code of Regulations, and CSU Executive Order 393, may lead to disqualification from future attendance.
- Incoming Freshmen are advised to test early. The EPT/ELM test dates for the 1998/99 academic year are June 20, August 8, August 29, September 12, October 17, December 5, 1998, January 23, 1999, February 20, 1999, May 1, 1999. EPT/ELM Workshops are held on campus prior to each test date. Remedial placement is required for EPT scores below 149 or ELM scores below 550. Pre-baccalaureate remedial courses do not yield degree credit at CSU Stanislaus.
- *Required remedial courses must be taken the first and each subsequent term at the University until satisfaction of the prerequisites to GE courses.* We encourage earlier remediation. We strongly encourage new students needing remedial course work based on their EPT/ELM test scores to take the needed courses in summer school.
- Students should also consider taking remedial courses at a Community College (filling out a Concurrent Enrollment form if taken after admission to CSU Stanislaus).
- **ENGLISH:** All non-exempt admitted undergraduates must take the English Placement Test (EPT). To satisfy the EPT requirement, a student must take the EPT and either
 - a) pass the EPT by scoring at least 149; *or*
 - b) be remediated at CSU Stanislaus; *or*
 - c) pass the highest level remedial ENGL course at a Community College after taking the EPT; *or*
 - d) pass with a C- grade or better a course elsewhere that satisfies the General Education Breadth requirement in written communication.

The EPT cannot be repeated for a higher score.
- **MATH:** All non-exempt admitted undergraduates must take the Entry Level Mathematics (ELM) Examination. To satisfy the ELM requirement, a student must take the ELM and either
 - a) pass the ELM by scoring at least 550; *or*
 - b) be remediated at CSU Stanislaus through MATH 0105; *or*

- c) pass with a C- grade or better a math course elsewhere that satisfies the General Education-Breadth requirement in quantitative reasoning. If non-matriculated students take a remedial math course at a Community College, they must still pass the ELM in order to register for a GE Math class at CSU Stanislaus. The ELM can be repeated for a higher score.
- Continuing students must complete their oral communication, written communication, critical thinking, and math requirements before the start of their junior year.
- Students seeking undergraduate transfer admission, effective for Fall 1998, must have completed their oral communication, written communication, critical thinking, and math requirements with grades of at least C-. This is a requirement for third-year level transfer to the CSU. Exceptions will be considered only in unusual cases of severe hardship.
- Non-compliance with these requirements will subject students to academic-administrative probation and subsequent disqualification from the University.

See current Schedule of Classes for the EPT and ELM statements for test exemption and placement information.

Selective Service Registration

The federal Military Selective Service Act (the "Act") requires most males residing in the United States to present themselves for registration with the Selective Service System within thirty days of their eighteenth birthday. Most males between the ages of 18 and 25 must be registered. Males born after December 31, 1959 may be required to submit a statement of compliance with the Act and regulations in order to receive any grant, loan or work assistance under specified provisions of existing federal law. In California, students subject to the Act who fail to register are also ineligible to receive any need-based student grants funded by the state or a public postsecondary institution.

Selected Service registration forms are available at any U.S. Post Office, and many high schools have a staff member or teacher appointed as a Selective Service Registrar. Applicants for financial aid can also request that information provided on the Free Application for Federal Student Aid. (FAFSA) be used to register them with the Selective Service. Information on the Selective Service System is available and the registration process may be initiated online at <http://www.sss.gov>.

Additions to the California Articulation Number (CAN) System

The following CSU Stanislaus courses now qualify for the California Articulation Number System:

CAN COURSE	CSUS COURSE
CAN ENGL 14	ENGL 2200
CAN MATH 26	MATH 2510

**Fee Schedule for 1998/99
as of April 27, 1998**
Fees are subject to change without notice.

	Summer 1998*	Fall 1998	Winter 1999	Spring 1999	Annual F/W/S Total
Registration Fees:					
State University Fee > 6 Units-Undergraduate	N/A	\$686.00	\$134.00	\$686.00	\$1,506.00
State University Fee <= 6 Units-Undergraduate	N/A	371.00	134.00	371.00	876.00
State University Fee > 6 Units-Graduate	N/A	721.00	142.00	721.00	1,584.00
State University Fee <= 6 Units-Graduate	N/A	388.00	142.00	388.00	918.00
IRA-Instructional Related Activity	0.00	18.00	4.00	18.00	40.00
Health Facility	0.00	2.50	1.00	2.50	6.00
Health Services	0.00	60.00	20.00	60.00	140.00
University Union	12.00	47.00	6.00	47.00	100.00
ASI-Associated Students	2.00	28.50	3.00	28.50	60.00
Athletics	0.00	12.50	0.00	12.50	25.00
Registration Fees Subtotals:					
> 6 Units-Undergraduate	Varies By Class	854.50	168.00	854.50	1,877.00
<= 6 Units-Undergraduate	Varies By Class	539.50	168.00	539.50	1,247.00
> 6 Units-Graduate	Varies By Class	889.50	176.00	889.50	1,955.00
<= 6 Units-Graduate	Varies By Class	556.50	176.00	556.50	1,289.00
Non-Resident Tuition:(**)					
Per Unit	N/A	246.00	246.00	246.00	
Installment Payment Plan Charge, % of Amount Financed	N/A	15.00%	15.00%	15.00%	
Missed Fee Payment	N/A	25.00	25.00	25.00	
Late Registration (Non-Refundable)	25.00	25.00	25.00	25.00	
Returned Check-First Occurrence	25.00	25.00	25.00	25.00	
Returned Check-Subsequent Occurrence	35.00	35.00	35.00	35.00	
Student ID Card New Students or Replacement	5.00	5.00	5.00	5.00	
Parking (Optional) Autos	36.00	43.00	22.00	43.00	
Parking (Optional) Motorcycles	9.00	10.75	5.50	10.75	
Parking - Daily	1.50	1.50	1.50	1.50	
Parking Decal Hanger	1.00	1.00	1.00	1.00	
Parking (Replacement Decal)	5.00	5.00	5.00	5.00	
Fingerprints	10.00	10.00	10.00	10.00	
Vehicle Impound Release	40.00	40.00	40.00	40.00	
State Key Replacement	25.00	25.00	25.00	25.00	
Admission Application (Non-Refundable)	0.00	55.00	55.00	55.00	
Transcripts:					
First Copy	4.00	4.00	4.00	4.00	
Additional Copies Requested at Same Time	2.00	2.00	2.00	2.00	
Challenge Exam (Per Unit, Maximum \$10)	N/A	3.00	3.00	3.00	
Duplicate Registration Form	N/A	6.00	6.00	6.00	
Graduation Application	15.00	15.00	15.00	15.00	
Reapplication for Graduation	10.00	10.00	10.00	10.00	
Diploma	10.00	10.00	10.00	10.00	
Late Admission Application	N/A	15.00	15.00	15.00	
Petition of University Deadline/Requirement	10.00	10.00	10.00	10.00	
Late Add (After Deadline for Adding Course)	10.00	10.00	10.00	10.00	

(*) University Extended Education summer school fees vary by class

(**) Non-resident tuition is \$246 per unit in addition to the above fees

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Priority Processing of Transcript Request	10.00	10.00	10.00	10.00
Priority Processing of Graduation Clearance	10.00	10.00	10.00	10.00
Certification of Enrollment/ or Degree	5.00	5.00	5.00	5.00
Document Replacement	5.00	5.00	5.00	5.00
Revised Credit Evaluation	10.00	10.00	10.00	10.00
Music - Instrument Rental		20.00	20.00	20.00
Music - Locker		5.00	5.00	5.00
OIT- Laser Printing Card	5.00	5.00	5.00	5.00
OIT- Laser Printing Card	2.00	2.00	2.00	2.00
Library - Overdue Book(s) or Materials	Fine	Fine	Fine	Fine
Library - Lost or Damaged Book(s) or Materials	Cost + \$6.00	Cost + \$6.00	Cost + \$6.00	Cost + \$6.00
Writing Proficiency Screening Test (WPST)		25.00	25.00	25.00
Credential Program Application Evaluation		25.00	25.00	25.00
Health Center Services	Closed	Various	Various	Various
Physical Exams:				
Department of Motor Vehicles		25.00	25.00	25.00
Child Development		10.00	10.00	10.00
GYN-Annual		20.00	20.00	20.00
Comprehensive		25.00	25.00	25.00
Routine		25.00	25.00	25.00
Sports		10.00	10.00	10.00
Housing:				
Rent Deposit		200.00	200.00	200.00
Board Deposit		0.00	0.00	0.00
Security Deposit		100.00	100.00	100.00
Application (Non-Refundable)		40.00	40.00	40.00
Activities Service Charge-Annual		25.00	25.00	25.00
Computer Connection Installation:				
Network Installation	100.00	100.00	100.00	100.00
		Fall	Winter	Spring
		1998	1999	1999
Course Fees:				
ASTR 2112 Astronomy Laboratory		10.00	10.00	10.00
BIOL 1020 World of Biology		5.00	5.00	5.00
BIOL 4312 Histological & Cytological Techniques		10.00	10.00	10.00
BIOL 4632 Marine Biology		10.00	10.00	10.00
BIOL 4682 Ecology		10.00	10.00	10.00
BIOL 4820 Cytogenetics		5.00	5.00	5.00
BIOL 4842 Recombinant DNA LAB		25.00	25.00	25.00
BIOL 4952 Selected Topics in Biological Science		25.00	25.00	25.00
BOTY 1052 Introduction to Botany		5.00	5.00	5.00
BOTY 3002 Plant Propagation		10.00	10.00	10.00
BOTY 3102 Survey of Nonvascular Plants		10.00	10.00	10.00
BOTY 3122 Morphology of Vascular Plants		10.00	10.00	10.00
BOTY 3702 Flowering Plants		10.00	10.00	10.00
BOTY 4202 Plant Physiology		20.00	20.00	20.00
BOTY 4602 Plant Ecology		10.00	10.00	10.00
CHEM 1002 Chemistry in the Modern World		15.00	15.00	15.00
CHEM 1102 Principles of Chemistry I		15.00	15.00	15.00
CHEM 1112 Principles of Chemistry II		15.00	15.00	15.00
CHEM 2002 Experiments for the Elementary Classroom		15.00	15.00	15.00
CHEM 2012 Quantitative Analysis		15.00	15.00	15.00

CHEM 2502 Chemistry of Photography Laboratory	15.00	15.00	15.00
CHEM 3012 Organic Chemistry I	15.00	15.00	15.00
CHEM 3022 Organic Chemistry II	15.00	15.00	15.00
CHEM 4102 Instrumental Analysis Laboratory	15.00	15.00	15.00
CHEM 4212 Advanced Chemistry Laboratory	15.00	15.00	15.00
CHEM 4402 Biochemistry Laboratory	15.00	15.00	15.00
CIS 2002 Introduction to CIS	25.00	25.00	25.00
CIS 3012 Advanced Cobol Programming	25.00	25.00	25.00
CIS 3732 Structured Programming	25.00	25.00	25.00
CIS 3762 Computer Graphics	25.00	25.00	25.00
CIS 4713 Information Systems Management	25.00	25.00	25.00
CIS 4723 Database Management	25.00	25.00	25.00
CIS 4753 Decision Support Systems	25.00	25.00	25.00
CIS 4773 Systems Analysis & Design	25.00	25.00	25.00
CIS 4783 CIS Design	25.00	25.00	25.00
CIS 4803 Data Communications	25.00	25.00	25.00
EDIT 4730 Microcomputers, Curriculum & Instruction	10.00	10.00	10.00
EDMC 4130 Elementary Curriculum & Instruction-Science	5.00	5.00	5.00
ENTO 3742 Insect Classification	10.00	10.00	10.00
GEOL 2002 Regional Geology of California Lab	15.00	15.00	15.00
GEOL 2102 Principles of Geology Lab	10.00	10.00	10.00
GEOL 2202 Historical Geology Lab	10.00	10.00	10.00
GEOL 3002 Physical & Environmental Geology Lab	10.00	10.00	10.00
GEOL 3302 Paleontology Lab	10.00	10.00	10.00
GEOL 3400 Plate Tectonics	10.00	10.00	10.00
GEOL 3702 Igneous & Metamorphic Petrology Lab	15.00	15.00	15.00
GEOL 3900 Soil Geology	8.00	8.00	8.00
GEOL 4003 California Field Excursions Activity	15.00	15.00	15.00
GEOL 4302 Minerals & Crystals Lab	10.00	10.00	10.00
GEOL 4362 Structural Geology Lab	10.00	10.00	10.00
GEOL 4502 Field Geology Lab	20.00	20.00	20.00
MBIO 3032 Bacteriology Lab	25.00	25.00	25.00
NURS 3002 Health Assessment	25.00	25.00	25.00
NURS 3410 Community Health Practicum	17.00	17.00	17.00
OM 3022 Management Science	25.00	25.00	25.00
PHYS 1502 Energy & Matter Laboratory	10.00	10.00	10.00
PHYS 2102 Basic Physics I Lab	10.00	10.00	10.00
PHYS 2112 Basic Physics II Lab	10.00	10.00	10.00
PHYS 2252 General Physics I Lab	10.00	10.00	10.00
PHYS 2262 General Physics II Lab	10.00	10.00	10.00
ZOOL 1052 Introduction To Zoology	5.00	5.00	5.00
ZOOL 2232 Physiology Lab	15.00	15.00	15.00
ZOOL 2252 Human Anatomy	20.00	20.00	20.00
ZOOL 2663 Bird Watching	10.00	10.00	10.00
ZOOL 3152 Comparative Anatomy of Vertebrates	25.00	25.00	25.00
ZOOL 3612 General Vertebrate Zoology	10.00	10.00	10.00
ZOOL 3663 Bird Watching	10.00	10.00	10.00
ZOOL 4152 Animal Cells and Tissues	20.00	20.00	20.00
ZOOL 4232 Animal Physiology	20.00	20.00	20.00
ZOOL 4282 Physiology Of Human Systems	20.00	20.00	20.00
ZOOL 4422 Invertebrate Zoology I	20.00	20.00	20.00
ZOOL 4432 Invertebrate Zoology II	10.00	10.00	10.00
ZOOL 4442 General Parasitology	10.00	10.00	10.00
ZOOL 4622 Herpetology			5.00
ZOOL 4632 Ornithology	20.00	20.00	20.00

Adding and Dropping Courses

1. At the start of each term students should use the Student Telephone Access Network (STAN) to verify the completeness and accuracy of all of their enrollment transactions.
2. After the Enrollment Census Date, a student is responsible for completion of the courses(s) in which he/she is enrolled.
3. When a student is permitted by petition or other special action to drop a course after the Enrollment Census Date, the Administrative grade symbol of "W" (withdraw) will be assigned.
4. For complete information on this topic consult the Adding and Dropping Courses section of the 1997-99 catalog and the enrollment instructions in the current Schedule of Classes.

Special Major

Strongly motivated University students may design special BA/BS interdisciplinary academic programs leading to a degree not offered through existing standard degree programs. Students interested in a special major program should seek a volunteer faculty advisory committee consisting of three professors from at least two disciplines. A program designed jointly with this faculty committee is then submitted for approval on a Request for Special Major Program form.

Permission of the BA/BS Special Major Coordinator will be required in all cases. A Special Major must comply with the standard graduation requirements for all students listed in the 1997-99 University Catalog under the chapter entitled Undergraduate Degree Requirements. The applicant must present a program consisting of at least 30 upper-division semester units in the major, of which up to 12 units can be completed prior to the approval of the BA/BS Special Major by the Associate Dean of the College of Arts, Letters, and Sciences (who is the Special Major Coordinator).

Honors List of Students

In addition to the List of Honor Students each semester CSU Stanislaus also publishes a list of undergraduate students with honorable mention. To qualify for the list during the semester under consideration, a student must:

1. Register for and earn a minimum of 6 to 9 units of graded course work at the University, and
2. Achieve a 3.5 grade point average for all course work attempted at the University that semester.

Honors 2000

For students with curiosity, energy, talent, and intelligence, the University is building a new program entitled *Honors 2000*. This program will be designed to provide enrichment and challenge to students with a wide variety of talents and interests. It will bring students together inside and outside the classroom, and it will enhance the university experience for everyone who participates.

Students interested in participating in this project will work with faculty and students to design and build Honors 2000. The goal is to have a full-fledged program in place by Fall 2000. Students who participate in building Honors 2000 will have the opportunity to take one or more designated courses that will challenge them, expand their intellectual horizons, and enrich their academic experience, no matter what their major. They may choose to live in an Academic Floor of the Residential Village, and they can help to design and participate in a range of extracurricular activities that may include field trips, speakers, reading groups, films, and events that will enliven and deepen their experiences as students.

For more information about Honors 2000, please call the office of the Dean of the College of Arts, Letters and Sciences (667-3531).

Note: Students already enrolled in the University Honors Program will continue in their current program. However, they may also wish to participate in activities as well as the planning process for Honors 2000.

Changes in General Education-Breadth Requirements

1. All students must complete G.E. Area A. Communication Skills A1, A2, and A3 before their junior year.
2. CHEM 2600 Consumer Chemistry, 4 units (includes lab) now counts for satisfaction of G.E. Area B.1 Physical Sciences.
3. BIOL 1020 "Special Laboratory Studies" changed to "World of Biology Laboratory."
4. All students must complete G.E. Area B.3 Mathematics before their junior year.

Candidates for Degrees

A prospective candidate for a baccalaureate or master's degree must apply to the Admissions and Records Office for re-admission and be admitted for a new educational objective before April or October to qualify respectively for Fall or Spring Priority Registration.

Appendix N Additions

College Board Advanced Placement Examination Policy

AP Subject Title	Required Score	Course Equivalency	Units Allowed	G.E. Area	LIBS Area	Major Credit
Chemistry Lab	3	None	None	B.1	B.6	Yes
Latin/Literature	3	None	3	C.3	C.4	No
Statistics	3	MATH 1600 or MATH 1610 or MATH 1620	3	B.3	None	Yes

Graduate Studies

Changes in the following are shown in bold:

Thesis, Project, and Comprehensive Examination

The University has adopted the following definitions of the terms "thesis" and "project:"

1. A thesis is the written product of the systematic study of a significant problem. It clearly identifies the problem, states the major assumptions, explains the significance of the undertaking, sets forth the sources for and methods of gathering information, analyzes the data, and offers a conclusion or recommendation. The finished product must evidence originality, critical and independent thinking, appropriate organization and format, clarity of purpose, and accurate and thorough documentation. An oral defense or a presentation of the thesis is required.
2. A project is a significant undertaking of a pursuit appropriate to the fine arts and applied disciplines. It is more than the presentation of a mere outline, plan depiction, description or demonstration, though it may include these. It must evidence originality and independent thinking, appropriate form and organization, and a rationale. It may take the form of a creative work such as a literary or musical composition, a group of paintings, a performance, or a film. It also may take the form of an application such as a business plan, market survey, handbook development, curriculum plan, computing system or other endeavor. It must be described and summarized in a written document that includes the project's significance, objectives, methodology, and a conclusion or recommendation. **An oral defense or presentation of the project is required.**
3. The results of a written comprehensive examination, which has been prepared by either the appropriate department or faculty member, should demonstrate the student's ability to integrate the knowledge of the area, evidence critical and independent thinking, and in general show the mastery of the subject matter. The results of the examination must evidence independent thinking, appropriate organization, critical analysis and accuracy of documentation.

No academic distinction is made among a thesis, a project, or comprehensive examination. Each is equally acceptable as a means of fulfilling the requirements for the master's degree. Specific departmental instructions or requirements should, however, be ascertained by the candidate before enrollment in these courses.

Whether a student is preparing a thesis or a project, it should be noted that the quality of the work accomplished is a major consideration in judging acceptability. The finished product must evidence originality, appropriate organization, clarity of purpose, critical analysis, and accuracy and completeness of documentation.

Critical thinking and independent thinking should characterize every project. Mere description, cataloging, compilation, or other superficial procedures are not adequate.

The quality of the writing, format, and documentation must meet standards approved by the department granting the degree. Thesis format and writing must be consistent with the dictates of a style-manual authorized by the department. The student must consult with the department and the Graduate Studies Office concerning these matters before beginning work on the thesis or project.

1. Registration for thesis or project requires a prospectus approved by the student's thesis committee. Instructions for developing and gaining prospectus approval are available from the department. A student planning to register or reregister for thesis after a break of two semesters attendance must be readmitted to the University.
2. A student whose thesis or project is planned to extend over more than the term of first enrollment in 5990 or 5960 may receive a Satisfactory Progress (SP) grade..
3. **To maintain standing in a graduate program, graduate students who have completed all registrations for their graduate course work and who have registered for the maximum number of thesis or project semester units required by the program are required to enroll for one unit of thesis or project through Extended Education. Graduate students must register in graduate thesis or project, MDIS 7000, for \$125 per semester until they have completed their thesis or project. This allows students full use of the library and limited student services (excluding the use of the health center). Students must register for this unit during any semester or term in which they are working under direct faculty supervision.**
4. Before a thesis or project is officially accepted by the Master's Committee, it must meet the above criteria on matters of format, documentation, and quality of writing.
5. No co-authored theses or projects are allowed. If two or more candidates are collaborating on research or a project, each must develop, write, and submit a separate and distinct thesis or project.
6. **Student must bring two (2) acceptable copies of the bound thesis or project to the Office of Graduate Studies no later than the last day of the term in which the student plans to graduate. Binding expenses are the student's responsibility. The Admissions and Records Office will not record a grade other than "SP" until the Dean of Graduate Studies has given final approval for the thesis or project. Contact the Office of Graduate Studies for detailed information on thesis and project requirements.**
7. Receipt of an approved thesis or project is the equivalent to publication and the thesis or project will be available to the public in the University library, including worldwide interlibrary loan.
8. A student may arrange to have the thesis or project published in microfilm form, with an abstract of the thesis published in the quarterly periodical, Masters/ Abstracts. The University encourages this form of publication. Further details of the microfilming and copyright procedure may be obtained from the University Librarian.

Writing Proficiency Courses

Course	Title	Semester WP Status in Effect
ANTH/WMST 3900	Women: A Cross-Cultural View	Fall 1992
ANTH 4221	Folk Literature and Arts	Fall 1993
ART 4570	Senior Seminar in Art History	Winter 1993
ART 4960	Senior Seminar	Winter 1993
BIOL 4010/4012	Research and Technical Writing in Biology	Fall 1994
CHEM 4420	Biochemistry II	Spring 1996
CJ 3170 (formerly 4930)	Criminal Justice Research Methods	Spring 1994
COMM 3140	Persuasive Messages	Fall 1992
CS 4100	Programming Languages	Fall 1993
DRAM 3530	Contemporary Theatre	Fall 1992
ECON 4335	Political Economy	Fall 1997
ENGL 3007	Business and Technical Communication	Spring 1981
ENGL 3009	Applied Writing	Fall 1981
ENGL 3012	Applied Writing (Computer-Assisted Instruction)	Fall 1997
ENGL 3100	Literary Genres (formerly Critical Approaches to Literature)	Fall 1992
ENGL 4600	Tutorial Projects in English	Fall 1992
FREN 4810	Linguistics and Language Instruction	Spring 1993
GEOG 4710	Field Methods	Fall 1993
GEOL 4500/4502	Field Geology	Fall 1994
GERM 4810	Linguistics and Language Instruction	Spring 1993
HIST 3000	Introductory Seminar in History	Fall 1992
HIST 4960	Directed Reading Seminar in History	Fall 1992
HIST 4990	Senior Thesis	Fall 1992
HONS 3965	Honors Seminar V: Science, Technology & Human Values...	Fall 1990
HONS 4965	Honors Seminar VI: Self and Community	Fall 1990
LIBS 3000	Community and Diversity	Fall 1995
MATH 4960	Senior Seminar in Mathematics	Fall 1995
MUS 3200	Music History and Literature III	Winter 1994
MUS 3370	Music in Secondary Schools	Spring 1994
NURS 3510	Communication in Nursing Practice	Fall 1997
PHED 3700	Sport in Society	Fall 1993
PHIL 3400	Ethics	Fall 1992
PHIL 3500	Philosophy of Mind	Fall 1993
PHIL 4200	Advanced Study in the History of Philosophy	Fall 1992
PHIL 4450	Philosophy of Religion	Fall 1992
PHIL 4500	Philosophy of Art (formerly Aesthetics)	Fall 1992
PSCI 3010	Modern Political Thought	Spring 1993
PSCI 3304 (formerly 3300)	Introduction to Public Administration	Fall 1993
PSYC 4810	Social Psychology of Personal Relationships	Fall 1995
PSYC 4820	Group Dynamics and Interpersonal Behavior	Fall 1995
SOCL 3030	Research Methods	Fall 1994
SPAN 4810	Linguistics and Language Instruction	Spring 1993

(Not all WP courses are offered every term. Please check the Schedule of Classes to determine the term a WP course is offered.)

College of Arts, Letters, and Sciences

Anthropology

Course Title Change:

ANTH 4150 Anthropology of Religion (4 units).

Formerly *Comparative Religion*. Anthropological approaches to the study of religious systems including magic, witchcraft, ritual, symbolism, and dynamic religious movements. Prerequisite: ANTH 2060 recommended.

Biological Sciences

Course Title Change:

BIOL 1020 World of Biology Laboratory (Topics to be specified in Class Schedule) (1 unit).

Formerly *Special Laboratory Studies*. Basic laboratory and/or field studies in various biological areas. Satisfies laboratory requirement in natural sciences. Different topics can be taken for credit under this number, but may be taken only once for GE credit. Satisfies G.E. area B2 and Liberal Studies area B2. Prerequisite: BIOL 1010 or concurrent enrollment. (Laboratory, 3 hours) (Fall, Winter, Spring)

Course Description Change:

BIOL 4840 Molecular Genetics (2 units).

This course focuses on the use of recombinant DNA techniques and how they are utilized to analyze DNA; how genes are organized and regulated. Prerequisites: BIOL 3310 and 3350. (Lecture, 2 hours) (Spring)

Chemistry

Course number and description change:

CHEM 2600 Consumer Chemistry (4 units).

Formerly *CHEM 2980*. An explanation of how commonly used substances work, based on the principles of chemistry. Topics covered will include plastics, hair care products, paints, cleansing agents, and food. Satisfies G.E. area B1 and Liberal Studies area B3. Corequisite: CHEM 2602. (Lecture, 3 hours; laboratory, 3 hours)

Cognitive Studies

Course Prerequisite Change:

COGS 3100 Communication Networks (3 units).

The emergence of telecommunications networks is creating new environments for human interactions that are rapidly altering occupational and social dynamics. This course introduces students to the diversity of network technologies and provides them with sufficient hands-on skills to work in this field. Topics include resource sharing, resource access, and communication. Satisfies G.E. area F3c and Liberal Studies area D3. Corequisite: COGS 3102. Prerequisite: Computer background or experience equivalent to CS 1000. (Lecture, 2 hours; laboratory, 2 hours)

Computer Science

Bachelor of Science, Computer Science

Requirements Change:

Requirements

1. Complete University requirements for a Bachelor of Arts or Bachelor of Science degree (51 units minimum).
2. Complete the prerequisites to the major. No more than 8 units of CR-graded course work may apply toward the prerequisites to the major.
3. Complete the major of not less than 37 upper-division units.
4. Complete one upper-division course in Chemistry or Physics/Physical Sciences (3-4 units).
5. Complete PHIL 4401 Professional Ethics, 3 units.
6. Satisfy the Departmental Writing Proficiency requirement.

No upper-division course which applies to the major or to the electives may be taken on a CR-graded basis except for CS 4910 (Cooperative Education) and CS 4960 (Seminar in Computer Science). Prerequisites to the major are expected to be completed before upper-division computer science courses are taken. Completion of a minor is not required.

(See Page 124 of 1997-99 University Catalog.)

New requirement:

Departmental Writing Proficiency Requirement

1. Pass the university-wide Writing Proficiency Screening Test (or have the equivalent transferred from another campus).
2. Pass a Computer Science course with a WP designation, or obtain certification from the departmental WP coordinator.

(See Page 125 of the 1997-99 University Catalog.)

Course Prerequisite Change:

CS 3000 Communication Networks (3 units).

The emergence of telecommunications networks is creating new environments for human interactions that are rapidly altering occupational and social dynamics. This course introduces students to the diversity of network technologies and provides them with sufficient hands-on skills to work in this field. Topics include resource sharing, resource access, and communication. Corequisite: CS 3002. Prerequisite: CS 2500 (Lecture, 2 hours; laboratory, 2 hours)

New Course:**CS 3850 Object Oriented Programming (3 units).**

Presents the most important objected-oriented features of a computer programming language such as C++. Emphasis on effective use of the paradigm. Counts for Computer Science elective credit. Corequisite: CS 3852. Prerequisite: CS 2500 or consent of instructor.

Course Prerequisite Change:**CS 4440 Theory of Algorithms (3 units).**

Algorithms for combinatorics; for numerical problems, including matrix operations; for systems programming applications; and for artificial intelligence; domain-independent techniques. Prerequisites: CS 3100 and MATH 2510 or MATH 2300. (Spring)

New Course:**CS 4930 Practicum in Computer Science (1-3 units).**

Practical experience through directed work with department faculty/staff to extend course work knowledge. Six units maximum; up to three units may count towards elective credit. Prerequisite: Upper-division standing and consent of instructor.

Criminal Justice**New Course:****CJ 3500 Jury Selection and Decision Making (4 units).**

This course will examine the major issues in jury selection and research on how verdicts can be influenced by extralegal factors such as the characteristics of the defendant, the jurors, and the political climate. Students will learn about the theoretical ideals underlying the jury system and compare these with the reality of the jury system today and debate proposed jury reforms. Activities may include oral presentations, designing a jury selection strategy, participation as a juror in a mock trial, and courtroom observation. Prerequisite: CJ 2250 or consent of instructor.

English**Program Change:****The Literature Program**

In addition to the requirements listed on page 144 of the 1997-99 University Catalog, students electing the literature program must take ENGL 5000 Graduate Studies: Critical Theory and Research and complete at least 15 units of course work in literature courses (seminars, independent studies, and special studies courses) numbered ENGL 5000 through 5999.

Students who maintain a GPA of at least 3.5 may elect to write a thesis. Students electing to write a thesis may apply a maximum of six units of ENGL 5990 Thesis toward the Master of Arts course work requirements. Students not eligible or not electing to write a thesis will instead complete six further units of graduate course work.

Students who plan to teach at the college or university level are strongly advised to take ENGL 5001 History and Research Methods in Composition/Rhetoric.

Course Title Change:**ENGL 3400 Early American Literature (3 units).**

Formerly *Puritan and Colonial Periods*. Literature of the period including Native American traditions, the literature of discovery and exploration, a study of New England puritanism, seventeenth century wit, the eighteenth century Great Awakening, and the American Revolution. Prerequisite: ENGL 3100.

Course Number and Title Change:**ENGL 3430 American Literature: 20th Century to 1950 (3 units).**

Formerly ENGL 4150 *20th Century American Literature 1900-1950*. American literature in the first half of the twentieth century. Emphasis on modernism. Prerequisite: ENGL 3100.

New Course:**ENGL 3440 American Literature: 20th Century, 1950 to Present (3 units).**

American Literature in the second half of the twentieth century. Emphasis on the contemporary period. Prerequisite: ENGL 3100.

Course Deleted:**ENGL 4150 20th-Century American Literature 1900-1950 (3 units).****Prerequisite Change:****ENGL 5000 Graduate Studies: Critical Theory and Research (3 units).**

Theory of literary criticism, beginning with Aristotle. Modern approaches and methods in the study of the uses of language and literature. Bibliographical resources and methods for graduate work in English. Prerequisite: Graduate standing or consent of English Graduate Coordinator. (Fall)

Course Description Changes:**ENGL 5100 Seminar: Medieval Literature (3 units).**

This seminar will focus upon the works of one or more major British authors. Since the particular authors to be studied will vary each time the seminar is offered, this course may be repeated for a total of 6 units. Prerequisite: Graduate standing or consent of English Graduate Coordinator.

ENGL 5200 Seminar: The Renaissance (3 units).

This seminar will focus upon the works of one or more major British authors. Since the particular authors to be studied will vary each time the seminar is offered, this course may be repeated for a total of 6 units. Prerequisite: Graduate standing or consent of English Graduate Coordinator.

ENGL 5300 Seminar: The Enlightenment and 18th Century (3 units).

This seminar will focus upon the works of one or more major British authors. Since the particular authors to be studied will vary each time the seminar is offered, this course may be repeated for a total of 6 units. Prerequisite: Graduate standing or consent of English Graduate Coordinator.

ENGL 5400 Seminar: The Nineteenth Century (3 units).

This seminar will focus upon the works of one or more major British authors. Since the particular authors to be studied will vary each time the seminar is offered, this course may be repeated for a total of 6 units. Prerequisite: Graduate standing or consent of English Graduate Coordinator.

ENGL 5500 Seminar: The Twentieth Century (3 units).

This seminar will focus upon the works of one or more major British and Irish authors. Since the particular authors to be studied will vary each time the seminar is offered, this course may be repeated for a total of 6 units. Prerequisite: Graduate standing or consent of English Graduate Coordinator.

Course Title Change:

ENGL 5600 Seminar: American Literature Before 1900 (3 units).

Formerly *Seminar: American Literature*. This seminar will focus upon the works of one or more major authors. Since the particular authors to be studied will vary each time the seminar is offered, this course may be repeated for a total of 9 units. Prerequisite: Graduate standing or consent of English Graduate Coordinator.

New Course:

ENGL 5700 Seminar: 20th Century American Literature (3 units).

This seminar will focus upon the works of one or more authors, or upon a genre or period. Since the particular focus will vary each time the seminar is offered, this course may be repeated for a total of 9 units. Prerequisite: Graduate standing or consent of English Graduate Coordinator.

Unit Number Change:

ENGL 5894 Teaching Composition and Literature (3 units).

Changed from 2 units. (Formerly ENGL 5940.) Practical application of literary and composition theory and research. For those who plan to teach at the college level. Pre- or corequisite for teaching assistantships. Prerequisite: Graduate standing or consent of instructor.

Reactivated Course:

ENGL 5940 Internship in English (3 units).

Supervised instruction and practical experience in teaching literature, composition, and English as a Second Language (ESL). Prerequisite: Graduate standing. (Fall, Spring)

History

New Course:

HIST 4341 Hitler and the Nazi Era (3 units).

This course explores in depth Hitler, fascist ideology, the Nazi rise to power, totalitarian rule and its consequences, including the Holocaust and World War II in Europe. Prerequisite: Sophomore standing.

Mathematics

Course Description and Unit Change:

MATH 4020 Mathematics for Secondary Teachers (3 units).

Formerly 4 units. Effective communication of mathematical ideas. Techniques for developing mathematical understanding and skills. Analysis and modeling of various forms of delivery of instruction. Prerequisites: MATH 2410, MATH 2510, junior standing or consent of instructor.

MATH 4022 Mathematics for Secondary Teachers Laboratory (1 unit)

Formerly 0 units. Construction of mathematics to be taught. Communication with mathematics students. Being a classroom facilitator and tutor at a local school for at least twenty hours. Prerequisite: MATH 4020 or concurrent enrollment in MATH 4020.

Modern Languages

New Courses:

FLAN 1066 Elementary Arabic II (4 units).

Second semester beginning Modern Standard Arabic to develop functional abilities in the four language skills, with a focus on oral proficiency. Satisfies G.E. area C3a and Liberal Studies area C6. Prerequisite: FLAN 1065.

PORT 1015 Intensive Portuguese Language Teaching for CLAD (Crosscultural Language and Academic Development) (6 units).

Elementary Portuguese course designed to meet the foreign language requirements of CLAD students. Introduces students to the language and culture by developing listening comprehension, speaking, reading, and writing skills.

Port 4980 Individual Study (1-3 units).

For students prepared for independent work and in need of advanced or specialized study. May be repeated for 6 units. Prerequisite: Consent of instructor.

Philosophy

Course Title and Description Change:

PHIL 4500 Philosophy of Art (4 units).

Philosophical examination of artistic activity including defining art, understanding its function, and analyzing creative expression, aesthetic experience, interpretation, evaluation, and representation. Satisfies upper division writing proficiency requirement. Prerequisites: Two upper-division philosophy courses or consent of instructor.

Physics, Physical Sciences & Geology

Prerequisite Change:

PHYS 1500 Energy and Matter (3 units).

Survey of the basic concepts and principles of physics. Topics will range from classical Newtonian mechanics to modern theories of the atom and the nucleus. Satisfies G.E. area B1 and Liberal Studies area B4. Prerequisite: MATH 0105 or a passing score on the ELM test or equivalent. (Lecture, 3 hours) (Fall, Spring)

Note: Upper division Physics courses are no longer term specific.

Politics and Public Administration

Course Title Change:

PSCI 4305 Gender Politics at Work (3 units).

Formerly *Changing Sex Roles in Organizations*. (Same as WMST 4305) This course deals with changes in the work environment resulting from the influx and upward mobility of women into professional positions. It will address the dynamics of the change for both men and women. Specific topics include changing demographics, cultural taboos, problems and the legal climate.

New Course:

PSCI 4650 International Relations: Model United Nations (2 units).

This course prepares students for specializing in the foreign relations of a particular country. It is part of the requirements to represent the University in Model United Nations competition. The course will equip students with scholarly and political information and enable them to hone their debating skills. Prerequisites: Sophomore standing and PSCI 1201.

Psychology

New Course:

PSYC 5810 Seminar in Group Counseling and Psychotherapy (3 units).

This seminar course provides graduate students an overview of group counseling and psychotherapy processes, theory, and application. Prerequisites: Classified graduate standing and consent of instructor.

Social Work Masters Program

Course Description and Unit Changes:

SW 5052 Social Work with Family Systems (2-3 units).

Formerly 2 units. This course provides an integration of family systems theory and practice as applicable to social work with families. It emphasizes practice skills utilizing lecture, video tapes, and discussion of practice experience.

New Course:

SW 5055 Social Work Practice: Substance Abuse (2 units).

This course provides students with social work practice skills in the area of substance abuse. Recognition of use, abuse, and dependency; assessment and intervention strategies; and substance abuse in families and children will be covered. Board of Behavioral Science substance abuse course requirements for licensure will be met. Prerequisite: SW 5030 or consent of instructor.

Sociology

New Courses:

SOCL 3330 Social Organization in a Traditional Society (3 units).

This course examines the social organization of a traditional society (the Alaska natives) in contrast to the social organization of modern, industrialized, urban societies. Roles, status, kinship, and social institutions are investigated as integrative within society. This comparative and contrasting approach provides both the sociology major and non-sociology majors a broad-based perspective in viewing contemporary society. Prerequisite: SOCL 1010 or consent of instructor.

SOCL 3650 Sociology of Popular Culture (3 units).

This course will examine U.S. society's dominant cultural values and beliefs regarding meritocracy and class, race, and gendered stratification as reflected in animated films, major carriers of popular culture. Prerequisite: SOCL 1010 or consent of instructor. (Winter)

Women's Studies

Course Title Change:

WMST 4305 Gender Politics at Work (3 units).

Formerly *Changing Sex Roles in Organizations*. (Same as PSCI 4305) This course deals with changes in the work environment resulting from the influx and upward mobility of women into professional positions. It will address the dynamics of the change for both men and women. Specific topics include changing demographics, cultural taboos, problems and the legal climate.

School of Business Administration

New Mission Statement

The Mission of the School of Business Administration is to prepare individuals to be productive professional employees, managers, and entrepreneurs, who can make responsible decisions in a changing world by:

- Creating a student focused educational environment that emphasizes high quality teaching and learning in business disciplines.
- Enhancing and strengthening our teaching and learning through applied research and instructional development while recognizing the contribution of basic research.

The vision of the School of Business Administration is to be increasingly recognized by its stakeholders for preparing self-confident, competent graduates able to perform effectively in a changing environment. At the core of its educational philosophy, the School of Business Administration believes that "self-confident, competent graduates able to perform effectively in a changing environment" are those who exhibit the following capacities: (1) the ability to understand and adapt to the forces of change that characterize the organization's external and internal environments and how they interrelate, (2) the ability to formulate, evaluate, and select from among alternative strategies, those courses of action that are responsive to these forces of change, and (3) the ability to initiate change and to marshal resources to convert opportunities into reality.

Forces of external change include global, technological, demographic, legal/regulatory, social, economic, political, and physical environments, as well as industry structure and competitive conditions. Forces of internal change include ownership restructures (e.g., private to public and leveraged buy-outs), evolving organizational goals and strategies, structural workplace changes (e.g., organizational structure, resources, core competencies, and job design), people changes (e.g., demographic diversity, personalities, and management styles), leading-edge thinking in functional and cross-functional operations, and new interpretations of the organization's core values and beliefs.

To prepare self-confident, competent graduates able to perform effectively in a changing environment, the School of Business Administration believes it must develop students':

- creative and critical thinking,
- applied problem-solving abilities,
- effective communication skills,
- independent learning skills and appreciation of life-long learning,
- mastery of technical knowledge in a functional area of business,
- sensitivity to issues of ethical and social responsibility, and
- awareness of contemporary issues.

Management

Upper Division

Course Prerequisite Changes:

MGT 4000 Organization and Environment (3 units).

Examination of the complex relationships among environment, technology, and organizational design, structure, and performance. Attempts to provide an understanding of the organizational characteristics which enable firms to deal effectively with different environments. Prerequisite: MGT 3310 or concurrent enrollment in MGT 3310. (Fall, Spring)

MGT 4340 Executive Leadership (3 units).

A definitive study in the function of leadership in the management of business government and not-for-profit organizations, focusing on top management. Prerequisite: MGT 3310 or concurrent enrollment in MGT 3310.

MGT 4360 Organizational Behavior (3 units).

The study of individual and group behavior in organizations. Identification and application of behavioral science research methods and theories for the practicing manager. Motivation, interpersonal relations and communications, leadership, and managing change are some of the topics to be covered. Prerequisite: MGT 3310 or concurrent enrollment in MGT 3310. (Fall, Spring)

MGT 4540 Entrepreneurship and Venture Initiation (3 units).

Study of selected problems involved in starting and operating new business ventures. Prerequisite: MGT 3310 or concurrent enrollment in MGT 3310. (Fall)

MGT 4560 Seminar in Small Business Management (3 units).

Analysis of problems and issues frequently encountered in the management of a small business. Emphasizes the relevant differences in approach between small and large companies, particularly the challenge of managing with very limited resources. Extensive use of the technique of case problem analysis. Prerequisites: MGT 3310 or concurrent enrollment in MGT 3310. (Spring)

MGT 4610 Seminar in Human Resource Management (3 units).

Formulation and administration of policies designed to obtain and to maintain the human resources of the organization. Manpower planning, personnel selection and development, performance appraisal, compensation, evaluation of the personnel program. Prerequisite: MGT 3310 or concurrent enrollment in MGT 3310. (Fall, Spring)

MGT 4620 Seminar in Labor Management Relations (3 units).

Perspectives on the internal relationship between management and unionized employees. Prerequisite: MGT 3310 or concurrent enrollment in MGT 3310. (Every other year)

MGT 4900 Business Policy (3 units).

Consideration of the business enterprise as a total system in a total environment. Analysis and evaluation of the problems, opportunities, and ethical responsibilities which face the chief executive of a business firm. Emphasis will be on the formulation and implementation of various strategies. Extensive use of the technique of case problem analysis. Prerequisites: Completion of all other courses in the business administration core and satisfaction of CSU Stanislaus writing competency requirement, ENGL 3007. (OM 3010, OM 3020, and CIS 2700 may be taken concurrently.) (Fall, Spring, Summer)

MGT 4920 Global Competitive Strategy (3 units).

Focus on a new philosophy of strategy in a global context to address critical issues such as cost/quality, timing/learning, strongholds, deep pockets, and alliance/network. Prerequisite: MGT 3310.

Marketing

Upper Division

Course Prerequisite Changes:

MKT 3410 Basic Marketing (3 units).

Marketing process with emphasis on the management point of view. Consideration is given to the role played by marketing in the economy, dynamics of consumer motivation and behavior, and problems including ethical considerations confronted by the business firm in establishing an overall marketing program. Prerequisites: Junior standing, ACC 2130 and ECON 2510. (ACC 2130 may be taken concurrently.)

MKT 4420 Marketing Research (4 units).

Focus on the collection and analysis of secondary, primary qualitative, and primary quantitative marketing data and its incorporation in the marketing process. MKT 4422, a one-unit lab, emphasizes method practice and computer-aided analysis. Corequisite: MKT 4422 (Lab). Prerequisites: MKT 3410 and MATH 1610. (Lecture, 3 hours; laboratory, 2 hours) (Fall)

MKT 4470 Global Marketing (4 units).

(Formerly *International Marketing*) Basics of conducting marketing operations outside of the domestic market. Methodologies for estimating foreign market potential, and market entry strategy design. Issues involving the management and control of the marketing mix variables after foreign market entry are examined. Export readiness simulation, experiential exercises, and international marketing plan. Corequisite: MKT 4472 (Lab). Prerequisites: MGT 3400 and MKT 3410. (MGT 3400 may be taken concurrently). (Lecture, 3 hours; laboratory, 2 hours)

Course Title Change:

MKT 4490 Seminar In Strategic Marketing Management (4 units).

(Formerly *Seminar in Marketing Strategy*) Examination of the strategic and managerial role of the marketing manager in fostering a market driven orientation and in orchestrating the pursuit of a sustainable competitive advantage in chosen markets. Prerequisite: MKT 3410.

Operations Management

Upper Division

Course Prerequisite Changes:

OM 3010 Operations Management (3 units).

(Replaces OM 3510) Management of production and operations in manufacturing and service enterprises, including product design, process selection, location and layout of the facility, control of quality and productivity, and production planning. Emphasis is on modern operations management techniques. Prerequisite: Junior standing. (Field trips). (Fall, Spring)

OM 3020 Management Science (3 units).

(Replaces POM 3000.) Use of management science techniques to analyze and solve business problems; topics include linear programming, decision analysis, network models, project management, forecasting, inventory and queuing analysis. Computer applications in management science will also be included. Corequisite: OM 3022 (Lab). Prerequisites: Computer literacy (such as CIS 2000), junior standing, MATH 1500 and 1610, or concurrent enrollment in MATH 1500 and 1610. (Lecture, 2 hours; computer lab, 2 hours). (Fall, Spring, Summer)

OM 4520 Productivity Management (3 units).

Techniques and approaches to measure and improve overall productivity in manufacturing and service enterprises. Problem solving techniques, work simplification, work design and measurement, human factors in productivity, measurement, and office automation. Prerequisite: OM 3010 or concurrent enrollment in OM 3010. (Spring)

OM 4530 Materials and Inventory Management (3 units).

The design and operation of integrated production and inventory control systems. Detailed and aggregate scheduling of operations under deterministic and probabilistic demand conditions. Prerequisite: OM 3010 or concurrent enrollment in OM 3010. (Fall)

OM 4570 Quality Management (3 units).

How to establish and administer a total company-wide quality control program. Emphasis is placed on Quality Assurance, Continuous Quality Improvement, problem solving techniques, and Statistical Process Control. Prerequisites: OM 3010 or concurrent enrollment in OM 3010. (Fall)

OM 4590 World Class Operations Strategies (3 units).

Application of quantitative and management disciplines to development of World Class Operations strategies in the manufacturing as well as service industries. The instruction will emphasize the case method, plant tours, and an applied term project. New innovations and issues in World Class Operations will be included. Prerequisite: OM 3010 or concurrent enrollment in OM 3010. (Spring)

School of Education

Advanced Studies in Education

Program Revision

In April 1996, the Commission on Teacher Credentialing adopted a new *Standards of Program Quality and Effectiveness* for the Preliminary Level I and Professional Level II Education Specialist Credential Programs. A prerequisite teaching credential, Multiple or Single Subject, is *not* required to obtain the Preliminary Level I Credential.

California State University, Stanislaus is authorized to recommend individuals for Education Specialist Credentials in two areas: Mild/Moderate Disabilities and Moderate/Severe Disabilities. The Level I programs prepare individuals to perform responsibilities of entry-level special education teach positions. When a graduate of the Level I program obtains a special education position, an application is filed with the Commission on Teacher Credentialing and the Preliminary Level I Education Specialist Credential authorizing service in a specific area is issued. This credential is valid for five year while Level II preparation is completed.

It is recommended that undergraduates seeking admission to the Education Specialist Preliminary Level I Credential enroll in the Liberal Studies major with a concentration in Exceptional Children and Youth.

Preliminary Level I: Education Specialist Credentials: Mild/Moderate Disabilities and Moderate/Severe Disabilities

Prerequisite Courses

- Complete the following courses before applying to the program. The courses preceded by a check (✓) are required in the concentration, Exceptional Children and Youth:
 - EDUC 4200 Cultural Diversity in the Classroom, 3 units
 - EDUC 4430 Crosscultural Techniques for Teachers, 3 units, *or*
 - ENGL 4800 Second Language Acquisition, 3 units
 - ✓EDSE 4310 Introduction to Special Education, 3 units
 - ✓EDSE 4330 Communication and Social Skills for Students with Disabilities, 3 units
 - ✓PSYC 4550 Practicum in Directed Instruction, 3 units
 - PSYC 4560 Theory of Instructional Design, 3 units

Credential Courses

- Following acceptance to the Special Education Credential program, complete the following courses:

Core Requirements

- EDSE 4110 Reading and Language Arts in General and Special Education, 5 units
- EDMC 4130 Curriculum and Instruction: Science, 2 units

- EDMC 4120 Curriculum and Instruction: Mathematics, 2 units
- EDSE 4410 Collaboration and Consultation, 3 units
- EDSE 4430 Assessment of Students with Disabilities, 3 units
- PSYC 4750 Applied Behavior Analysis in the Classroom, 3 units

Credential Specific Requirements

Mild/Moderate Disabilities:

- EDSE 4450 Teaching Students with Mild/Moderate Disabilities, 3 units

Moderate/Severe Disabilities:

- EDSE 4440 Teaching Students with Moderate/Severe Disabilities, 3 units

- The following courses are taken upon completion of all prerequisite and credential (core and credential-specific) requirements with a grade of B or better. In order to enroll in student teaching, Subject Matter Requirements must be met.

Mild/Moderate Disabilities:

- EDMC 4815 MS/CLAD Student Teaching I, 5 units
- EDSE 4815 Special Education Student Teaching: Mild/Moderate, 5 units
- EDSE 4898 Special Education Student Teaching Sem: Mild/Moderate, 1+1 units

Moderate/Severe Disabilities:

- EDSE 4816 Special Education Student Teaching: Moderate/Severe, 5+5 units
- EDSE 4798 Special Education Student Teaching Sem: Moderate/Severe, 1+1 units

Admission Requirements

- Complete an application for admission to the Preliminary Level I Credential Program. The application packet is available at Kiva Bookstore. Consult the application packet for application deadlines, admission criteria during the year of application and acceptance, and any additional admission requirements.
- Minimum GPA based on undergraduate major has been established by the California State University System and it is included in the application packet. Written requests for exception to GPA criteria must be included in the student's application to program.
- Pass CBEST *before* applying for admission to the program.
- File a Certificate of Clearance with the application to program.
- Subject Matter Requirements for the Level I Education Specialist Credentials may be met by completing a Liberal Studies waiver program *or* passing the Multiple Subjects Assessment of Teachers (Content Knowledge, Content Area Exercise 1, and Content Area Exercise 2); *or* completing a CTC-approved waiver program *or* passing CTC-approved exams, The Praxis and/or the Single Subject Assessment for Teaching (SSAT) in the subject area they plan to teach.

6. PSCI 1201 or its equivalent (minimum two semester units) is required for the Education Specialist Preliminary Level I credential. Check with the Credentials Office to determine if the United States Constitution requirement has been met. Recent graduates from a campus of the California State University system have met this requirement as part of their regular undergraduate requirements.

Recommendation for the MSCP CLAD

Students in the Mild/Moderate Disabilities Credential Program are encouraged to complete the requirements of the CLAD Multiple Subjects Credential. Students with an Education Specialist Level I Credential: Mild/Moderate Disabilities will be recommended by California State University, Stanislaus for the Preliminary MSCP CLAD upon satisfactory completion of the following course work:

- EDUC 4000 Historical, Sociocultural, and Political Perspectives in U.S. Schools, 3 units
- EDUC 4400 Introduction to Multilingual Education, 3 units
- EDMC 4140 Elementary Curriculum and Instruction: Social Studies, 2 units, *and*
- ENGL 4800 Second Language Experience, 3 units (6 units in the same language)

Recommendation for the CLAD Certificate Only

To obtain a Crosscultural Language and Academic Development (CLAD) certificate, complete the following course work:

- EDML 5000 Multilingual Education in the Content Areas, 3 units
- EDML 5001 Multilingual Education Evaluation, 3 units
- EDML 5200 Advanced Theories in Teaching the Culturally Diverse Student, 3 units, *or*
- EDUC 5860 Multicultural and Global Education, 3 units, *and*
- EDML 5400 Theory of Multilingual Education

Recommendation for the Single Subject Credential

Individuals with an Education Specialist Preliminary Level I Credential who wish to obtain a Single Subject Credential should contact the Single Subject program coordinator.

Professional Level II Education Specialist Credential

All candidates completing the preliminary Level I program are required to complete (a) a Professional Level II Education Specialist Credential with 5 years of the date of issuance of the Preliminary Level I Credential and (b) the professional clear credential requirements mandated by state law: health, computer education, and mainstreaming.

California State University, Stanislaus does not have approval for the Level II program at this time. The Commission on Teacher Credentialing requires approval for the Level II Professional Credential by January 1999. Check periodically with the Special Education program concerning the status of the Specialist Level II Credential.

Educational Technology Program

Coordinator: Dawn Poole

Supplementary Authorization in Computer Concepts and Applications

The California Commission on Teacher Credentialing offers a supplementary authorization in Computer Concepts and Applications. This authorization allows holders of a Single Subject, Standard Secondary, or Special Secondary Teaching Credential to teach computer-based classes at any grade level (preschool, kindergarten, grades 1-12, and classes organized primarily for adults). This authorization allows holders of a Multiple Subject or Standard Elementary Teaching Credential to teach computer-based classes in grades 9 and below.

In order to obtain this supplementary authorization, it is necessary to earn a grade of C or higher in 20 semester units (or 10 upper division semester units) of non-remedial course work that covers the following three areas: Software Evaluation and Selection, Hardware Operation and Functions, and Classroom Uses of Computers. The balance of the semester units may be achieved in any course dealing with computer concepts and applications. EDIT 4710, EDIT 4720, and EDIT 4730 can be used to partially satisfy requirements of this authorization. Additional course work can be taken from Computer Science or Cognitive Studies, or as independent study units. See the Educational Technology Program Coordinator for advisement.

M.A. in Education with Emphasis in Educational Technology

This graduate level area of emphasis is designed for teachers and other education professionals who are interested in an advanced study of educational technology. A current basic teaching credential and EDIT 4730 (or equivalent) are prerequisites for entry into the program. The 5000-level technology courses are offered on a two-year cycle. See the Educational Technology Program Coordinator for admission information and advisement.

New Area of Emphasis:

Educational Technology Emphasis (32 units including Common Course Work)

Educational Technology Core

- EDIT 4710 Educational Software: Integration Strategies, 3 units
- EDIT 4720 Multimedia Development in Education, 3 units
- EDIT 5100 Research Trends in Educational Technology, 2 units
- EDIT 5110 Social Perspectives of Technology in Education, 2 units
- EDIT 5120 School Technology Leaders, 2 units
- EDIT 5130 Educational Technology Specialists, 2 units

Additional units beyond the Common Course Work and Educational Technology Core are required to complete a minimum of 32 units. These elective units must be selected from the 5000-level courses listed in the catalog or from another accredited university as approved by the Educational Technology Program Coordinator.

New Courses:

EDIT 5100 Research Trends in Educational Technology (2 units).

Students will examine current research related to aspects of educational technology and the impact of technology on teaching and learning. Emphasis is on recent research findings and implications. Offered during odd-year Spring semesters. This course is transmitted via distance learning technologies. Prerequisites: EDIT 4730 or equivalent; current basic teaching credential.

EDIT 5110 Social Perspectives of Technology in Education (2 units).

Ethical, human, and legal issues regarding technology in schools, business, and industry will be examined and applied. The emphasis is on implications for schools, learners, and teachers. Offered during even-year Fall semesters. This course is taught via the Internet, with no face-to-face meetings on campus. Prerequisites: EDIT 4730 or equivalent; current basic teaching credential.

EDIT 5120 School Technology Leadership (2 units).

This course is an exploration of issues facing school technology leaders, including the evaluation of technology plans and investigation of grant proposal opportunities. Students will also apply what they have learned through observations in K-12 technology environments. Offered during odd-year Fall semesters. Prerequisites: EDIT 4730 or equivalent; current basic teaching credential.

EDIT 5130 Educational Technology Specialists (2 units).

Students will gain experience in management techniques for school/district technology specialists. Policies, procedures, and practices related specifically to K-12 integration of technology will be examined. Students will also develop skills in successful technology-related staff development, as well as in troubleshooting computer and network-related problems. Offered during even-year Spring semesters. Prerequisites: EDIT 4730 or equivalent; current basic teaching credential.

Physical Education

Corrections to the Degree Concentration:

Bachelor of Arts, Physical Education Concentration in Wellness Management

(See page 321 in 97-99 University Catalog)

The Concentration (44-46 units)

- Complete the following courses in the Physical Education major (15 units).
 - HLTH 3000 Prevention and Care of Athletic Injuries, 3 units
 - PHED 3100 Foundations, History, Philosophy of Physical Education, 3 units
 - PHED 4300 Measurement and Evaluation, 3 units
 - PHED 4400 Kinesiology, 3 units
 - PHED 4500 Physiology of Exercise, 3 units
- Complete two of the following courses (6 units).
 - PHED 3400 Elementary Physical Education, 3 units
 - PHED 3700 Sport in Society, 3 units
 - PHED 4100 Curriculum, Organization, Administration and Instruction of Physical Education, 3 units
 - PHED 4200 Motor Learning, 3 units
 - PHED 4800 Adapted Physical Education, 3 units
- Complete the following courses for the concentration (17-19 units).
 - HLTH 3100 Foods and Nutrition, 3 units
 - HLTH 3030 Cardiovascular Health, Fitness and Exercise, 3 units, *or*
 - HLTH 4040 The Athlete's Heart, 3 units
 - HLTH 4600 Health and Fitness Assessment, 3 units
 - HLTH 4650 Health and Fitness Program Design, 2 units
 - HLTH 4900 Fieldwork/Practicum, 4-6 units
 - PHED 3370 Theory and Analysis of Fitness Activities, 2 units
- Complete 2 courses from the following related fields (6 units).
 - COMM 3120 Management Communication, 3 units
 - MGT 3310 Management Theory and Practice, 3 units
 - PSYC 3340 Human Development III: Adulthood and Aging, 3 units

Course Description Changes:

PHED 2500-2590 Intercollegiate Athletics (2 units).

Theory, practice, and game performance of competitive intercollegiate athletics. Limited to students trying out for the intercollegiate team. May be repeated for credit. Prerequisite: Consent of instructor. (Fall, Spring)

PHED 2500	Baseball
PHED 2505	Softball
PHED 2510	Basketball (M)
PHED 2520	Cross Country
PHED 2530	Golf
PHED 2555	Soccer
PHED 2560	Track and Field
PHED 2570	Volleyball
PHED 2580	Basketball (W)
PHED 2585	Soccer (W)

Course Prerequisite Changes:

PHED 3260 Theory of Strength and Conditioning (2 units).

The role of strength and conditioning for athletes with the primary emphasis on application for coaches to include weight room management, safety, exercise techniques, program design, and other aspects of a comprehensive training program. Corequisite: PHED 3263. Prerequisite: Limited to physical education majors and minors, Liberal Studies majors with concentrations in physical education, or consent of instructor. (Lecture, 1 hour; activity, 2 hours)

PHED 3300-3370 Theory and Analysis of Physical Education Activities (2 units).

Development of fundamental skills and special abilities applicable to specific areas. A study of competencies and knowledge needed for teaching and organization. Rules and field experience in game strategy, tactics, psychological and evaluation techniques. PHED 3300, Aquatic Sports; PHED 3310, Combative Activities; PHED 3320, Dance; PHED 3330, Golf/Archery; PHED 3340, Gymnastics; PHED 3350, Racquet Sports; PHED 3360, Team Sports; PHED 3370, Fitness Activities. Prerequisite: Limited to physical education majors and minors, Liberal Studies majors with concentrations in physical education, or consent of instructor. (Two 2-hour laboratories.) (Fall, Winter, Spring)

HLTH 4200 Elementary School Health and Safety (3 units).

(Formerly HLTH 3200). Health and safety issues related to elementary school children. Review of comprehensive school health programs for elementary schools. Includes nature and scope of Health Instruction Framework for California Public Schools. Prerequisite: Current CPR certification: American Heart Association-Heart Saver, or American Red Cross-Community Level.

HLTH 4210 Secondary School Health and Safety (3 units).

(Formerly HLTH 3200). Health and safety issues related to secondary school youth. Review of comprehensive school health programs for secondary schools. Includes nature and scope of Health Instruction Framework for California Public Schools. Prerequisite: Current CPR certification: American Heart Association-Heart Saver, or American Red Cross-Community Level.

Teacher Education

Multiple Subjects Preliminary Credential Program: CLAD and BCLAD

Change in Prerequisites to the Program:

The Second Language Acquisition prerequisite (Number 9) has been removed from the Multiple Subjects Preliminary Credential Program, CLAD and BCLAD. (See page 329 in the 1997-99 University Catalog.)

The Diversity in the Classroom prerequisite (Number 10) has been changed as follows:

10. Cultural Diversity

Satisfactory completion of a course which covers diversity in the classroom, EDUC 4200 or equivalent is required.

In addition, BCLAD students have a culture of emphasis requirement. Satisfactory completion of *one* of the following courses or equivalent is required:

BCLAD - Spanish

- ETHS 2100 Contemporary Chicano Studies, 3 units
- ETHS 3000 Mexican American Politics Since 1850, 3 units
- ETHS 3110 Chicano Images in Arts and Film, 3 units
- ETHS 4000 Mexican American Family, 3 units
- ETHS 4100 Chicanos in Education, 3 units
- HIST 4500 History of Mexico, 3 units
- HIST 4710 Mexican American History, 3 units
- SPAN 4600 Literatura Mexicana, 3 units

BCLAD - Southeast Asia

- ANTH 3101 Cultures of Asia and the Pacific, 3 units
- EDUC 4300 Teaching the Cultural Heritage of the Hmong and Lao People, 3 units
- ETHS 2200 Contemporary Asian American Studies, 3 units
- ETHS 3100 Asian American Images in the Arts and Media, 3 units
- ETHS 4030 Asian American Families, 3 units
- GEOG 3580 Cultural Ecology of Southeast Asian Peoples, 4 units

Curriculum and Instruction: Reading

Concentration Requirement Change:

Concentration Requirements (18 units)

Note: Also refer to Common Course Work requirements on page 335 in the 1997-99 University Catalog.

1. Select and complete the following required courses:
 - a. **Theoretical Foundations (3 units)**
 - EDRG 4100 Reading/Language Arts Instruction: K-12, 3 units, *or*
 - EDRG 4150 Reading: Literature-based Instruction for Children, 3 units
 - b. **Research and Trends (6 units)**
 - EDML 5200 Advanced Theory in Teaching Culturally Diverse Students, 3 units
 - EDRG 5350 Reading and Language Arts: Research and Trends, 3 units

EDUC 5400 Teachers as Change Agents:

Researchers and Writers, 3 units

EDUC 5860 Multicultural and Global Education:

Curriculum and Instruction, 3 units

c. **Methods (9 units)**

EDML 5000 Multilingual Education in the
Content Area, 3 units, *or*

EDML 5001 Multilingual Education Evaluation,
3 units

EDRG 5250 Reading and Language Arts:
Assessment and Evaluation, 3 units

EDRG 5910 Practicum in Reading and Language
Arts, 3 units

Note: Other appropriate courses may be substituted after consultation with the major adviser. (See page 336 in the 1997-99 University Catalog.)

New Program:

**Multiple Subjects CLAD/BCLAD Internship
Credential Program**

The Department of Teacher Education offers an Internship Program for candidates for the Multiple Subjects Teaching Credential with a CLAD or BCLAD emphasis. The Internship Program permits qualified students who are hired by a participating school district to obtain paid employment in teaching while completing the requirements for the Preliminary Multiple Subjects Credential.

Requirements

1. **Degree**
A candidate must have a Bachelor of Arts or Science.
2. **CBEST**
Candidates must have passed all sections of the California Basic Educational Skills Tests (CBEST).
3. **Subject Matter Competency**
Candidates must prove subject matter competency (a Bachelor of Arts in a Liberal Studies Waiver Program or pass the Multiple Subjects Assessment for Teacher (MSAT)).
4. **Government**
Satisfactory completion of a course which includes the study of national government, including the U. S. Constitution (PSCI 1201 or equivalent). If the equivalent of this course is passed by exam, the results must be posted on an official transcript.
5. **Certificate of Clearance**
Candidates must obtain a Certificate of Clearance prior to assuming classroom responsibility.
6. **Interview**
Candidates must be interviewed by a panel who recommends the candidate for an internship.
7. **Acceptance by the Selection and Review Committee**
The Selection and Review Committee (S&R) verifies the records and reviews the recommendation of the interview panel. The S&R Committee makes the final recommendation of candidates who meet the qualifications for an internship.

Employment as an Intern

A student who has been approved by the Selection and Review Committee may seek employment as an intern with a partner district. If offered employment, the student must apply for a university-school district internship credential. The student must bring a copy of the official offer of employment which is to be submitted to the California Commission on Teacher Credentialing (CCTC) along with the official application form and fees.

A student may become an intern immediately upon being admitted into the credential program or at any time while in the credential program.

Duration of Internship

An intern credential is valid for a period up to two years in the district hiring the intern. This means that interns have up to two years to complete all of the requirements for the Multiple Subjects Credential with a CLAD or BCLAD emphasis. However, if all these requirements are finished prior to the two years, the intern may apply for a preliminary or professional clear credential as soon as the requirements are met.

**Requirements for the Preliminary or Professional
Clear Multiple Subjects Credential with a CLAD or
BCLAD Emphasis**

Candidates who are interns while completing the course work for the MSCP credential must complete all the prerequisite and credential requirements enumerated in the 1997-99 University Catalog for their particular credential prior to the University recommending the candidate for a preliminary or professional clear credential. The only difference is that "student teaching" is the paid internship teaching provided it meets the University's requirements for length, ethnic composition of the classroom, and is supervised by a university supervisor.

Requirements While an Intern

To continue as an intern, a student must take a minimum of six units per semester. A student must receive a grade of C- or higher in each course and maintain a 3.0 GPA.

Furthermore, a teaching intern must have satisfactory teaching evaluations from the school district and the university supervisor to maintain employment as an intern.

Course Sequence for Interns

The course sequence for interns is to be decided between the student, the university adviser, and the employing district. The goal is to sequence courses in a way that is most appropriate for the needs of the student. It is advisable that interns not attempt to carry a full-load of courses.

The following is a recommended sequence of courses for students who become interns when they first enter the multiple subjects credential program:

Semester One

- EDMC/EDSB/EDAB 4110 Reading Language Arts: A Holistic Perspective, 5 units
- EDMC/EDSB/EDAB 4815 Multiple Subjects CLAD Student Teaching I, 5 units
- EDMC/EDSB/EDAB 4898 Student Teaching Seminar I, 1 unit
- EDMC/EDSB/EDAB 4899 Student Teaching Seminar, II, 1 unit

Semester Two

- EDMC/EDSB/EDAB 4120 Elementary Curriculum and Instruction: Mathematics, 3 units
- EDMC/EDSB/EDAB 4130 Elementary Curriculum and Instruction: Science, 3 units
- EDMC/EDSB/EDAB 4816 Multiple Subjects CLAD Student Teaching II, 5 units

Semester Three

- EDMC/EDSB/EDAB 4140 Elementary Curriculum and Instruction: Social Studies, 3 units
- EDUC 4000 Historical, Sociocultural, Political Perspectives on Schools in the United States, 3 units
- EDUC 4400 Introduction to Multilingual Education, 3 units

Semester Four

Any other courses needed to meet all the requirements for the preliminary or clear credential.

Bilingual Crosscultural, Language, and Academic Development (BCLAD - Southeast Asian Languages Emphasis- Cambodian, Hmong, Lao)

Upper Division

Unit Number Changes:

EDAB 4120 Elementary Curriculum and Instruction: Mathematics, Bilingual (3 units).

Formerly 2 units. Introduction to the skills, concepts, and applications required for bilingual multiple subjects teaching in mathematics. Planning, demonstration, and materials based upon modern trends and techniques. Prerequisite: Admission to the Multiple Subjects Credential Program BCLAD.

EDAB 4130 Elementary Curriculum and Instruction: Science, Bilingual (3 units).

Formerly 2 units. Introduction to the skills, concepts, and applications required for bilingual multiple subjects teaching in science. Planning, demonstration, and materials based upon modern trends and techniques. Prerequisite: Admission to the Multiple Subjects Credential Program BCLAD.

EDAB 4140 Elementary Curriculum and Instruction: Social Studies, Bilingual (3 units).

Formerly 2 units. (Formerly EDBL 3140) Introduction to the skills, concepts, and applications required for bilingual multiple subjects teaching in social studies. Planning, demonstration, and materials based upon modern trends and techniques. Prerequisite: Admission to the Multiple Subjects Credential Program BCLAD.

Crosscultural, Language, and Academic Development (CLAD) Upper Division

Unit Number Changes:

EDMC 4120 Elementary Curriculum and Instruction: Mathematics (3 units).

Formerly 2 units. Introduction to the materials and methods used in the teaching of mathematics in grades K-8. Emphasis is on instructional planning, concept development and the use of manipulatives for instruction as outlined in the California Mathematics Framework. Prerequisite: Admission to the Multiple Subjects Credential Program.

EDMC 4130 Elementary Curriculum and Instruction: Science (3 units).

Formerly 2 units. This course provides an introduction to teaching methodology as it relates to science in grades K-8. Course topics include teaching strategies, lesson design, instructional planning, and the selection of science materials and resources. Prerequisite: Admission to the Multiple Subjects Credential Program.

EDMC 4140 Elementary Curriculum and Instruction: Social Studies (3 units).

Formerly 2 units. Introduction to the purpose and content of the social studies in grades K-8, including the teaching of concepts, skills, values, and attitudes which promote citizenship in democracies in our global community. The focus will be on instructional planning derived from current issues, understandings, and approaches with emphasis on the learning needs of linguistically and culturally diverse students. Prerequisite: Admission to the Multiple Subjects Credential Program.

Bilingual Crosscultural, Language, and Academic Development (BCLAD - Spanish Emphasis): Upper Division

Unit Number Changes:

EDSB 4120 Elementary Curriculum and Instruction: Mathematics, Bilingual (3 units).

Formerly 2 units. Introduction to the skills, concepts, and applications required for bilingual multiple subjects teaching in mathematics. Planning, demonstration, and materials based upon modern trends and techniques. Prerequisite: Admission to the Multiple Subjects Credential Program BCLAD.

EDSB 4130 Elementary Curriculum and Instruction: Science, Bilingual (3 units).

Formerly 2 units. Introduction to the skills, concepts, and applications required for bilingual multiple subjects teaching in science. Planning, demonstration, and materials based upon modern trends and techniques. Prerequisite: Admission to the Multiple Subjects Credential Program BCLAD.

EDSB 4140 Elementary Curriculum and Instruction: Social Studies, Bilingual (3 units).

Formerly 2 units. Introduction to the skills, concepts, and applications required for bilingual multiple subjects teaching in social studies. Planning, demonstration, and materials based upon modern trends and techniques. Prerequisite: Admission to the Multiple Subjects Credential Program BCLAD.

Education: Upper Division

Course Description Change:

(Revision of note):

EDUC 3500 Early Field Experience (2 units).

Participants will be involved in a variety of school related experiences to assist them in determining their suitability for becoming a classroom teacher. The course will combine classroom work on the University campus and K-12 field experiences, with a focus on gaining a beginning understanding of the role of the teacher in the contemporary public school.

Note: This course meets the pre-professional program requirement of early field experience for admission to the Single Subject Credential Program. However, it does not meet the requirement for the Multiple Subjects Credential Program.

EDUC 4400 Introduction to Multilingual Education (3 units).

This course focuses on the existing knowledge base of bilingualism as well as the current practices related to dual language instruction and the education of language minority students.

New Courses:

EDUC 4500 Instruction, Assessment, and Management for Beginning Teachers and Interns (3 units).

Instruction, assessment, and management strategies to assist teachers in the initial development and implementation of a comprehensive classroom teaching plan based on current educational theories and attending to the diverse needs of the public school population. This course meets the prerequisite for entering the MSCP University Intern Program.

EDUC 4600 Seminar on Transformative Literacy (3 units).

Held in Latin America, this course actively engages students with local teachers, children, and families. Using a transformative pedagogy, students will participate in group and individual investigations, write a personal book and maintain a reflective journal. Spanish language skills are not a prerequisite, but are helpful. Corequisite: EDUC 4603 (Activity).

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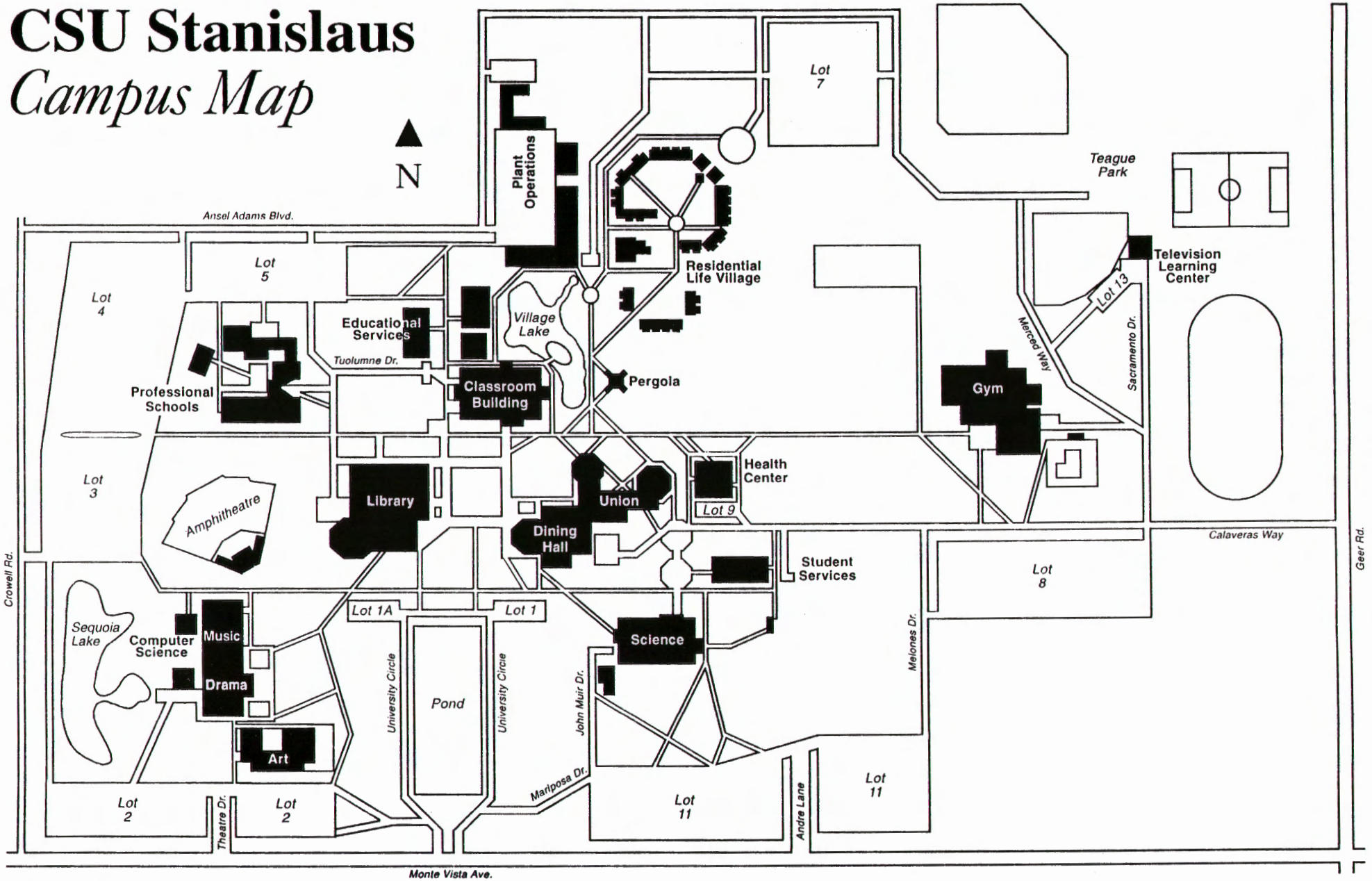
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CSU Stanislaus *Campus Map*



California State University, Stanislaus
801 West Monte Vista Avenue
Turlock, California 95382-0209

The California State University



CSU
STANISLAUS

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A large, empty rectangular box with a black border, intended for the recipient's address.