

California State University, Stanislaus

2000-2001
Supplement
to the 1999-2001 University Catalog



C S U

S T A N I S L A U S

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Preface

Catalog Supplement

This **Catalog Supplement** is intended to serve as an official update of the University's curricula as published in the 1999-2001 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 1999-2001 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 1999-2001 University Catalog.

University Catalog

Reference copies of the **1999-2001 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).

The university catalog can be accessed on the web at
[http://www.csustan.edu/
Admin_Services/Student/
under "Catalog"](http://www.csustan.edu/Admin_Services/Student/)

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).

The schedule of classes can be accessed on the web at
[http://www.csustan.edu/
Admin_Services/Student/
under "Class Schedule"](http://www.csustan.edu/Admin_Services/Student/under%20Class%20Schedule)

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CSU Stanislaus Administration

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Executive Assistant
to the President Cecil Rhodes
Assistant to the President for Equal Opportunity
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CALIFORNIA STATE UNIVERSITY, STANISLAUS
CALENDAR FOR FISCAL YEAR 2000-01
2000

JULY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

AUGUST

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27	28	29	30			

SEPTEMBER

S	M	T	W	T	F	S
				31	1	2
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17	18	19	20	21	22	23
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OCTOBER

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NOVEMBER

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DECEMBER

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31						

2001

JANUARY

S	M	T	W	T	F	S
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FEBRUARY

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MARCH

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APRIL








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29	30					

MAY

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JUNE

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				31	1	2
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24	25	26	27	28	29	30

-  ACADEMIC WORKDAYS
-  COMMENCEMENT, an academic workday
-  Denotes academic workdays for advising, orientation, conferences, preparation, grade reporting, etc.
-  Reading Day
-  FINAL EXAMINATIONS, academic workdays
-  PAYDAY (Paychecks available after 3 pm)
-  Student, Int, Hrly, Shift, Overtime paydays
- Summer Session dates to be announced

FIRST DAY OF INSTRUCTION:

September 7
Fall Semester

January 3
Winter Term

February 14
Spring Semester

-  OBSERVED HOLIDAYS AND WEEKENDS
- JULY 4 (Independence Day)
- SEPTEMBER 4 (Labor Day)
- NOVEMBER 23 (Thanksgiving Day)
- NOVEMBER 24 (in observance of Admission Day)
- DECEMBER 25 (Christmas Day)
- DECEMBER 26 (in observance of Columbus Day)
- DECEMBER 27 (in observance of Veteran's Day)
- DECEMBER 28 (in observance of Lincoln's Birthday)
- DECEMBER 29 (in observance of Washington's Birthday)
- JANUARY 1 (New Year's Day)
- JANUARY 15 (Martin Luther King Day)
- MAY 28 (Memorial Day)

Public Safety Emergency

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

CSU Stanislaus-Stockton

Name change:

The Multi-Campus Regional Center (MCRC) has been renamed CSU Stanislaus-Stockton.

Honor Societies

California State University, Stanislaus

Phi Kappa Phi National Honor Society

College of Arts, Letters, and Sciences

Anthropology: In 1982 the National Honors Society for Anthropology, Lambda Alpha, certified the establishment of a chapter at CSU Stanislaus to be known as the Epsilon of California.

History: Phi Alpha Theta, Alpha Epsilon Lambda chapter.

Nursing: Sigma Theta Tau International (the official honor society of Nursing); Nursing Honor Society (for students, alumni, and community members).

College of Business Administration

Accounting: Beta Alpha Psi

College of Education

Phi Delta Kappa honorary society for outstanding students, faculty, and alumni in the field of education.

Campus Tours

Campus tours are available Monday through Friday by appointment. Call (209) 667-3070, or toll free in California (800) 300-7420, for information or to make an appointment to visit the campus. Self-guided tour materials also are available from the Enrollment Services Office (L110).

Revised CSU College Preparatory Admission Requirements

Freshmen Requirements

Applicants seeking admission as first-time freshmen for the Fall Semester 2003 or later terms will have the same preparatory course requirements for admission to both the California State University and the University of California. The preparatory course admission requirements for both systems will be the completion of the following approved courses with a grade of C or better: four years of English, three years of math (algebra, geometry, and intermediate algebra), two years of U.S. history or social science, two years of laboratory science (in two of the disciplines of biology, chemistry and physics), two years of one foreign language, one year of visual or performing arts, and one year of elective chosen from one of the areas above.

Transfer Requirements

For upper division transfers seeking admission to Fall Semester 2000 or later, **all** applicants with 56 or more transferable semester (84 quarter) units will be required to have completed at least 30 semester units of courses that meet General Education requirements. The 30 semester units must include all of the General Education requirements in communication in English language (3 courses) and at least three semester units (typically 1 course) in mathematics.

Dual Admission Agreements

Columbia College, Merced College, Modesto Junior College, San Joaquin Delta College, and CSU Stanislaus jointly developed dual admission agreements that promote minimum upper-division transfer requirements and a reduction in future remediation needs. The dual admission agreement program guarantees transfer admission to CSU Stanislaus provided the students satisfy the conditions of the agreement. This is a collaborative effort to inform community college freshmen which courses they need to take before transfer to CSU Stanislaus. For additional information contact the CSU Stanislaus Student Outreach Department at (800) 300-7420 or (209) 667-3261.

Access to Transfer Articulation Information

The Curricular Articulation Department in the Enrollment Services Office negotiates curricular articulation agreements in the areas of General Education requirements and lower division prerequisites for major programs.

Articulation agreements broaden the transfer opportunities available to California Community College students. The existence of these agreements ensures that students understand what courses will meet the General Education requirements and lower-division prerequisites to the major so that students may smoothly transfer in a manner that assures both full preparation and credit for courses completed.

Approved articulation course and program agreements with Columbia College, Merced College, Modesto Junior College, and San Joaquin Delta College are accessible through communication with the University Articulation Officer and are posted on web ASSIST at <http://www.ASSIST.org>.

Please consult the CSU Stanislaus Enrollment Services Office web site <http://www.csustan.edu/Admin_Services/Student/> for more information on curricular articulation. For additional information, email the CSU Stanislaus Articulation Officer at articulation@stan.csustan.edu or telephone (209) 667-3680.

Undergraduate International Student Admission TOEFL Requirement

Advanced Placement International English Language (APIEL) Test

On an interim basis until the CSU adopts a statewide policy, CSU Stanislaus will accept a 3 or higher APIEL score in lieu of a 500 TOEFL (Test of English as a Foreign Language) total score for undergraduate admission English proficiency.

English Language Proficiency Test (ELPT)

The CSU has a pilot program to accept a 950 English Language Proficiency Test (ELPT) score in lieu of a 500 TOEFL score.

Undergraduate TOEFL Requirement Exemptions

Exemptions from the TOEFL are given to those undergraduate admission applicants who present proof of one of the following:

1. An ACT English score of 24 or higher; **or**
2. A SAT Verbal score of 550 or higher; **or**
3. An EPT of 151 or higher; **or**
4. Completion and transfer of a course that satisfies the CSU General Education-Breadth or Intersegmental General Education Transfer Curriculum (IGETC) written communication requirement, provided such course was completed with a grade of C –or better.

Revised Health Screening

All new and readmitted students born after January 1, 1957 will be notified of the requirement to present proof of measles and rubella immunizations. This is **not** an admission requirement, but shall be required of students by the beginning of their second term of enrollment in CSU. Proof of measles and rubella immunizations shall also be required for certain groups of enrolled students who have increased exposure to these diseases. ***Proof of Hepatitis B immunization is also required*** of students under age 19 years at initial enrollment; these students will be notified of the requirement by the Health Center.

CSU English Placement Test (EPT) Revised EPT Exemptions

Exemptions from the English Placement Test (EPT) test are given only to those who present proof of one of the following:

1. A score of 550 or above on the Verbal section of the College Board SAT I* Reasoning Test taken on or after April 1, 1995; or
2. A score of 470 or above on the Verbal section of the College Board SAT I* Reasoning Test taken between March 1994 and March 1995. A score of 470 or above on the Verbal section of the College Board Scholastic Aptitude Test (SAT) taken prior to March 1994; or
3. A score of 24 or above on the enhanced ACT English Test taken October 1989 or later; or
4. A score of 22 or above on the American College Testing (ACT) English Usage Test taken prior to October 1989; or
5. A score of 680 or above on the re-centered and adjusted College Board SAT II: Writing Test taken May 1998 or after**; or
6. A score of 660 or above on the College Board SAT II* in English Composition with essay taken prior to January 1994; or
7. A score of 3, 4, or 5 on either the Language and Composition or the Composition and Literature examination of the College Board Scholastic Advanced Placement program; or
8. A score on the CSU English Equivalency Examination that qualifies the student for "Pass for Credit" or "Exemption"; or
9. Completion and transfer of a course that satisfies the General Education-Breadth or Intersegmental General Education Transfer Curriculum (IGETC) written communication requirement, provided such course was completed with a grade of C or better.

* *Note: The College Board SAT and Achievement Tests were replaced by SAT I and SAT II, respectively, beginning March 1994. Beginning April 1, 1995, the SAT I and SAT II exams have been scored on a new scale.*

** *Note: Beginning in May 1998, SAT II Writing Test scores increased about 10 to 20 points. The adjustment was made to make Writing Test scores more comparable to scores on the other SAT II subject tests. Although scores are higher, their relative rank compared to scores for tests taken before May 1998 remain the same.*

CSU Entry Level Mathematics (ELM) Exam Revised ELM Exemptions

Exemptions from the English Entry Level Mathematics (ELM) Exam are given only to those who present proof of one of the following:

1. A score of 550 or above on the mathematics section of the College Board SAT I Reasoning Test or on the College Board SAT II Mathematics Tests Level I, IC (Calculator), II, or IIC (Calculator); or
2. A score of 23 or above on the American College Testing Mathematics Test; or
3. A score of 3 or above on the College Board Advanced Placement mathematics examination (AB or BC); or
4. A score of 3 or above on the College Board Advanced Placement Statistics examination; or
5. Completion and transfer of a course that satisfies the General Education-Breadth or Intersegmental General Education Transfer Curriculum (IGETC) quantitative reasoning requirement, provided such course was completed with a grade of C or better.

CSU Entry-Level Mathematics Test (ELM) and Mathematics Competency for Graduation

New Pilot Program for ACT/SAT substitution for ELM. The CSU has approved a campus pilot program to substitute an American College Testing (ACT) Mathematics Test score or a College Board Scholastic Aptitude Test (SAT 1) Math score for an Entry-Level Mathematics (ELM) score for mathematics course placement of students entering **ONLY during 2000-2001**. Official SAT or ACT scores must be received by the CSU Stanislaus Enrollment Services Office for ELM testing exemption.

For Pre-Algebra: A student will be considered eligible for MATH 0101, Pre-Algebra, if he or she has a SAT M, ACT M, or ELM score in the ranges indicated below.

For Elementary Algebra: A student will be considered eligible for MATH 0102, Elementary Algebra, if he or she has a SAT M, ACT M, or ELM score in the ranges indicated below, or has completed (with a grade of C-

or better) a course in pre-algebra at any accredited institution **through Summer 2001**.

For Intermediate Algebra: A student will be considered eligible for MATH 0105, Intermediate Algebra, if he or she has a SAT M, ACT M, or ELM score in the ranges indicated below, or has completed (with a grade of C- or better) a course in elementary algebra at any accredited institution **through Summer 2001**.

For a General Education math course: A student will be considered to have satisfied the General Education math course prerequisite if he or she has either received an acceptable score indicated below on the SAT M, ACT M, ELM, or if he or she has completed (with a grade of C- or better) a course in intermediate algebra at any accredited institution taken **through Summer 2001**.

GE Math Course	≥ 550 ELM	≥ 550 SAT M	≥ 23 ACT M
Intermediate Algebra, MATH 0105	480-540 ELM	520-540 SAT M	22 ACT M
Elementary Algebra, MATH 0102	370-470 ELM	360-510 SAT M	15-21 ACT M
Pre-Algebra, MATH 0101	0-360 ELM	0-350 SAT M	0-14 ACT M

All CSU Stanislaus pre-collegiate (remedial) or freshmen-level courses have an enrollment prerequisite based upon Entry-Level Mathematics (ELM) examination **or** SAT 1-Math or the ACT Math scores.

The following table provides comparable GE and remediation sequence math courses at CSU Stanislaus and the local community colleges. Courses used as prerequisites to General Education courses do not yield degree credit at CSU Stanislaus. A student may only satisfy the mathematics competency requirement for graduation by passing MATH 0105 (not transfer courses) at CSU Stanislaus.

	Pre-Algebra	Elementary Algebra	Intermediate Algebra	CSU GE Math Courses
CSU Stanislaus	MATH 0101	MATH 0102	MATH 0105	MATH 1000, 1030, 1070, 1080, 1100, 1410, 1500, 1600, 1610, or 1910
Columbia College	MATH 202 or SKLDV 202	MATH 101; or MATH 100A & 100B	MATH 104	MATH 2, 6, 8, 10, 12, 16, 18A, 18B, or 18C
Merced College	MATH 80	MATH A	MATH C	MATH 2, 4A, 5A, 5B, 10, 15, 20A, 20B, 21, 25, or 26
Modesto Junior College	MATH 20	MATH 70; or 71 & 72; or 73	MATH 90	MATH 101, 105, 106, 115, 121, 122, 130, 134, 138, 144, 171, or 172
San Joaquin Delta College	MATH 88 & 88L	MATH 80 & 80L; or MATH 83A & 83B	MATH 82 & 82L; or MATH 84A & 84B	MATH 1, 2, 10, 12, 13, 17A, 20, 30, 31, 36; or PSYC 12

Guidelines for Estimating English Placement Test (EPT) Scores

All precollegiate and General Education English courses have enrollment prerequisites of scores on the English Placement Test (EPT). ***These prerequisites must be met as of the first day of the term unless exemption approval is formally obtained from the course instructor.*** Unless a student qualifies for testing exemption, the CSU requires this test to be taken ***before*** the first term of CSU Stanislaus enrollment in any course in any department.

This table provides rough ACT/SAT I guidelines to estimate probable CSU EPT scores. This table is intended only to alert (1) prospective students of probable remediation needs which merit attention prior to CSU Stanislaus enrollment, and (2) admitted students of the urgency to take the required EPT immediately after admission to CSU Stanislaus. ***Unless a student earns satisfactory EPT scores or is specifically exempted from testing, postponement of first-term enrollment in English is unauthorized.*** The CSU requires first and subsequent term enrollment in required precollegiate remedial courses by all new students until fulfillment of the GE course prerequisites.

Admission Test		EPT Score	EPT Placement
SAT I Verbal	ACT English		
430 or lower	18 or lower term Freshmen	0-141 <i>and</i> first	Enroll in ENGL 0100 (ILE) Intensive Learning Experience
430 or lower	18 or lower	0-141 <i>except</i> first term freshmen	Enroll in ENGL 0111 Writers' Workshop
440-480	19-20	142-148	Enroll in ENGL 0111 Writers' Workshop
490-540	21-23	149-150	Enroll in ENGL 1001/1002 First-Year Composition (with conditions: requires use of the CSU Stanislaus Writing Center as directed)
550 or higher	24 or higher	151 and above	<i>Exempt</i> from the EPT and enroll in ENGL 1001/1002/1005 First-Year Composition

Preparation for Preprofessional Studies

Correction under Premedical and Health Professions Committee

In the sixth paragraph on page 35 of the 1999-2001 catalog, reference to CHEM 3010/3030 should be 3010/3012; and CHEM 3020/3040 should be 3020/3022.

Registration and Enrollment in Courses

Registration is the final step in the matriculation process. The Schedule of Classes listing courses offered is available before the academic advising period for each term. Once admitted to CSU Stanislaus, an undergraduate student **must** be advised to receive guidance on course selection. In order to receive advising the student **must** attend a New Student Orientation session for a comprehensive introduction to the University, including academic advising. Participation in New Student Orientation is mandatory. Contact First Year Programs and Advising (formerly Academic Advising) at (209) 667-3304 for additional information. Certain graduate programs may require that a student receive advisement prior to registration.

Summer Term 2000 Opportunity

Summer Term 2000 courses will be available at reduced rates (\$105 UG/ \$110 GR per unit; \$414 UG maximum for 6 units at only \$69 per unit). This enrollment is open only to matriculated students who satisfy course prerequisites in certain programs: Criminal Justice, Nursing, Remedial Mathematics, Sociology, Social Work, Teacher Education, and Upper Division GE Science.

All enrolled students for Fall 1999, Winter or Spring 2000 and students admitted or readmitted for Summer Term are eligible to register for courses for the Summer Term. Summer Term courses will be held at Turlock, Stockton, and Merced.

This State-supported, year-round operation, Summer Term 2000 pilot program is offered to supplement regular summer sessions and facilitate degree or credential pursuit.

A list of offered courses, including dates and times of class meetings, is available from the offering departments and the Enrollment Services Office. Limited financial aid is available. For additional information about Summer Term 2000 registration, call 209/667-3264.

New Pilot GE Program

Beginning Fall Semester 2001 the University will offer students a two-year pilot program consisting of 2 or 3 nine-unit upper-division thematic course clusters as an alternative to the current upper-division General Education structure. A thematic cluster will consist of three 3-unit courses, one each from (1) Arts and Humanities, (2) Social Sciences, and (3) Sciences. Courses within a cluster would be linked or interrelated in some way. A cluster model for upper-division General Education is proposed in order to build community among students and faculty, and focus on issues from multiple perspectives.

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

Joint Program in Communicative Disorders

CSU Stanislaus now offers Communicative Disorders degree programs as part of a cooperative distance learning program with California State University, Fresno. Students can earn Bachelor and Master of Arts degrees in Communicative Disorders with specializations in deaf education and speech-language pathology. CSU Fresno awards the degrees. CSU Fresno will provide the major courses on the CSU Stanislaus campus in Turlock and the Stockton site using interactive instructional television. All other elective and general education courses to complete degree requirements in the program will be offered by CSU Stanislaus on site or through distance education in Turlock and Stockton.

Interested graduate students should consult the Graduate Studies Office. Undergraduate students should consult Lee Renner, C107, for program advising and Enrollment Services for program admission and registration.

CSU Stanislaus Fee Schedule for 2000/2001

Fees are subject to change without notice

As of April 14, 2000	Summer 2000	Fall 2000	Winter 2001	Spring 2001
REGISTRATION FEES:				
State University Fee > 6 Units-Undergraduate	\$75/Unit Max \$714	650.00	128.00	650.00
State University Fee <= 6 Units-Undergraduate	\$105/Unit Max \$414	350.00	128.00	350.00
State University Fee > 6 Units-Graduate	\$80/Unit Max \$753	685.00	136.00	685.00
State University Fee <= 6 Units-Graduate	\$110/Unit Max \$438	370.00	136.00	370.00
IRA -Instructionally Related Activity	0.00	21.00	5.00	21.00
Health Facility	0.00	2.50	1.00	2.50
Health Services	0.00	70.00	20.00	70.00
University Union	12.00	47.00	6.00	47.00
ASI-Associated Students	2.00	29.50	3.00	29.50
Athletics	0.00	12.50	0.00	12.50
Registration Fees - Subtotal > 6 Units-Undergraduate	Varies By Units Enrolled	832.50	163.00	832.50
Registration Fees - Subtotal <= 6 Units-Undergraduate	Varies By Units Enrolled	532.50	163.00	532.50
Registration Fees - Subtotal > 6 Units-Graduate	Varies By Units Enrolled	867.50	171.00	867.50
Registration Fees - Subtotal <= 6 Units-Graduate	Varies By Units Enrolled	552.50	171.00	552.50
Non-Resident Tuition				
Per Unit	246.00	246.00	246.00	246.00
Installment Payment Plan Charge, % of Amount Financed	15.00%	15.00%	15.00%	15.00%
<i>Important Note: Non-Resident Tuition is \$246 Per Unit in Addition to the Above Fees</i>				
Missed Fee Payment	25.00	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	\$47.00-61.00	\$47.00-61.00	\$47.00-61.00	\$47.00-61.00
Livescan Fee	Varies by Site	Varies by Site	Varies by Site	Varies by Site
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)	55.00	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)	3.00	3.00	3.00	3.00
Duplicate Registration Form	6.00	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	15.00	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
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

	Summer 2000	Fall 2000	Winter 2001	Spring 2001
COURSE FEES:				
ADVANCED STUDIES 4730-Microcomputers, Curriculum & Instruction	10.00	10.00	10.00	10.00
ASTRONOMY 2112-Astronomy Laboratory	10.00	10.00	10.00	10.00
BIOLOGY 1020-World of Biology	5.00	5.00	5.00	5.00
BIOLOGY 4312-Histological & Cytological Techniques	10.00	10.00	10.00	10.00
BIOLOGY 4632-Marine Biology	10.00	10.00	10.00	10.00
BIOLOGY 4682-Ecology	10.00	10.00	10.00	10.00
BIOLOGY 4820-Cytogenetics	5.00	5.00	5.00	5.00
BIOLOGY 4842-Recombinant DNA lab	25.00	25.00	25.00	25.00
BIOLOGY 4852-DNA Technology in Forensic Science	—	—	—	50.00
BIOLOGY 4952-Selected Topics in Biological Science	Varies	Varies	Varies	Varies
BOTANY 1052-Introduction to Botany	5.00	5.00	5.00	5.00
BOTANY 3002-Plant Propagation	10.00	10.00	10.00	10.00
BOTANY 3102-Survey of Nonvascular Plants	10.00	10.00	10.00	10.00
BOTANY 3122-Morphology of Vascular Plants	10.00	10.00	10.00	10.00
BOTANY 3702-Flowering Plants	10.00	10.00	10.00	10.00
BOTANY 4202-Plant Physiology	20.00	20.00	20.00	20.00
BOTANY 4602-Plant Ecology	10.00	10.00	10.00	10.00
CHEMISTRY 1002-Chemistry in the Modern World	15.00	15.00	15.00	15.00
CHEMISTRY 1102-Principles of Chemistry I	15.00	15.00	15.00	15.00
CHEMISTRY 1112-Principles of Chemistry II	15.00	15.00	15.00	15.00
CHEMISTRY 2002-Experiments for the Elementary Classroom	15.00	15.00	15.00	15.00
CHEMISTRY 2012-Quantitative Analysis	15.00	15.00	15.00	15.00
CHEMISTRY 2502-Chemistry of Photography Laboratory	15.00	15.00	15.00	15.00
CHEMISTRY 3012-Organic Chemistry I	15.00	15.00	15.00	15.00
CHEMISTRY 3022-Organic Chemistry II	15.00	15.00	15.00	15.00
CHEMISTRY 4102-Instrumental Analysis Laboratory	15.00	15.00	15.00	15.00
CHEMISTRY 4212-Advanced Chemistry Laboratory	15.00	15.00	15.00	15.00
CHEMISTRY 4402-Biochemistry Laboratory	15.00	15.00	15.00	15.00
CIS 2002-Introduction to CIS	25.00	25.00	25.00	25.00
CIS 3012-Advanced Cobol Programming	25.00	25.00	25.00	25.00
CIS 3732-Structured Programming	25.00	25.00	25.00	25.00
CIS 3762-Computer Graphics	25.00	25.00	25.00	25.00
CIS 4713-Information Systems Management	25.00	25.00	25.00	25.00
CIS 4723-Database Management	25.00	25.00	25.00	25.00
CIS 4753-Decision Support Systems	25.00	25.00	25.00	25.00
CIS 4773-Systems Analysis & Design	25.00	25.00	25.00	25.00
CIS 4783-CIS Design	25.00	25.00	25.00	25.00
CIS 4803-Data Communications	25.00	25.00	25.00	25.00
ENTOMOLOGY 3742-Insect Classification	10.00	10.00	10.00	10.00
GEOGRAPHY 4703-Death Valley Landscapes	135.00	135.00	135.00	135.00
GEOLOGY 2002-Regional Geology of California lab	15.00	15.00	15.00	15.00
GEOLOGY 2102-Principles of Geology lab	10.00	10.00	10.00	10.00
GEOLOGY 2202-Historical Geology lab	10.00	10.00	10.00	10.00
GEOLOGY 3002-Physical & Environmental Geology lab	10.00	10.00	10.00	10.00
GEOLOGY 3302-Paleontology lab	10.00	10.00	10.00	10.00
GEOLOGY 3400-Plate Tectonics	10.00	10.00	10.00	10.00
GEOLOGY 3702-Igneous & Metamorphic Petrology lab	15.00	15.00	15.00	15.00
GEOLOGY 3900-Soil Geology	8.00	8.00	8.00	8.00
GEOLOGY 4003-California Field Excursions Activity	15.00	15.00	15.00	15.00
GEOLOGY 4302-Minerals & Crystals lab	10.00	10.00	10.00	10.00
GEOLOGY 4362-Structural Geology lab	10.00	10.00	10.00	10.00
GEOLOGY 4502-Field Geology lab	20.00	20.00	20.00	20.00
MICROBIOLOGY 3032-Bacteriology lab	25.00	25.00	25.00	25.00
MUSIC 1610-Freshman Level Keyboard	50.00	50.00	50.00	50.00
MUSIC 1640-Freshman Level Voice	50.00	50.00	50.00	50.00
MUSIC 1670-Freshman Level Orchestral Instruments	50.00	50.00	50.00	50.00
MUSIC 2610-Sophomore Level Keyboard	50.00	50.00	50.00	50.00
MUSIC 2640-Sophomore Level Voice	50.00	50.00	50.00	50.00
MUSIC 2670-Sophomore Level Orchestral Instruments	50.00	50.00	50.00	50.00
MUSIC 3610- Junior Level Keyboard	50.00	50.00	50.00	50.00
MUSIC 3640-Junior Level Voice	50.00	50.00	50.00	50.00
MUSIC 3670-Junior Level Orchestral Instruments	50.00	50.00	50.00	50.00

	Summer 2000	Fall 2000	Winter 2001	Spring 2001
MUSIC 4610-Advanced Level Keyboard	50.00	50.00	50.00	50.00
MUSIC 4640- Advanced Level Voice	50.00	50.00	50.00	50.00
MUSIC 4670- Advanced Level Orchestral Instruments	50.00	50.00	50.00	50.00
NURSING 3002-Health Assessment	25.00	25.00	25.00	25.00
NURSING 4410-Community Health Practicum (Nurs 3410 prior to Spring 2000)	17.00	17.00	17.00	17.00
OPERATIONS MANAGEMENT 3022-Management Science	25.00	25.00	25.00	25.00
PHYSICS 1502-Energy & Matter Laboratory	10.00	10.00	10.00	10.00
PHYSICS 2102-Basic Physics I Lab	10.00	10.00	10.00	10.00
PHYSICS 2112-Basic Physics II Lab	10.00	10.00	10.00	10.00
PHYSICS 2252-General Physics I Lab	10.00	10.00	10.00	10.00
PHYSICS 2262-General Physics II Lab	10.00	10.00	10.00	10.00
TEACHER EDUCATION 4130-Elementary Curriculum & Instruction-Science	5.00	5.00	5.00	5.00
ZOOLOGY 1052-Introduction to Zoology	5.00	5.00	5.00	5.00
ZOOLOGY 2232-Physiology Lab	15.00	15.00	15.00	15.00
ZOOLOGY 2252-Human Anatomy	20.00	20.00	20.00	20.00
ZOOLOGY 2663-Bird Watching	10.00	10.00	10.00	10.00
ZOOLOGY 3152-Comparative Anatomy of Vertebrates	25.00	25.00	25.00	25.00
ZOOLOGY 3612-General Vertebrate Zoology	10.00	10.00	10.00	10.00
ZOOLOGY 3663-Bird Watching	10.00	10.00	10.00	10.00
ZOOLOGY 4152-Animal Cells and Tissues	20.00	20.00	20.00	20.00
ZOOLOGY 4232-Animal Physiology	20.00	20.00	20.00	20.00
ZOOLOGY 4282-Physiology of Human Systems	20.00	20.00	20.00	20.00
ZOOLOGY 4422-Invertebrate Zoology I	20.00	20.00	20.00	20.00
ZOOLOGY 4432-Invertebrate Zoology II	10.00	10.00	10.00	10.00
ZOOLOGY 4442-General Parasitology	10.00	10.00	10.00	10.00
ZOOLOGY 4622-Herpetology	5.00	5.00	5.00	5.00
ZOOLOGY 4632-Ornithology	20.00	20.00	20.00	20.00
Alumni Career Services Fee-Annual	25.00	25.00	25.00	25.00
MUSIC - Instrument rental	30.00	30.00	30.00	30.00
MUSIC - Locker	5.00	5.00	5.00	5.00
OIT - Laser printing card-25 pages	5.00	5.00	5.00	5.00
OIT - Laser printing card-10 pages	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	25.00
Credential Program Application Evaluation: (Paid upon application to the specific program, one time only)				
Single Subject	30.00	30.00	30.00	30.00
Multiple Subject	30.00	30.00	30.00	30.00
Subject Matter Competence Verification (Waiver)	25.00	25.00	25.00	25.00
Education Administration Preliminary	25.00	25.00	25.00	25.00
Education Administration Professional	25.00	25.00	25.00	25.00
Pupil Personnel Services	25.00	25.00	25.00	25.00
Education Specialist: Mild/Moderate	25.00	25.00	25.00	25.00
Education Specialist: Moderate/Severe	25.00	25.00	25.00	25.00
Health Center Services	Various	Various	Various	Various
Physical exams:				
Department of Motor Vehicles	25.00	25.00	25.00	25.00
Child Development	10.00	10.00	10.00	10.00
Gyn-annual	20.00	20.00	20.00	20.00
Comprehensive	25.00	25.00	25.00	25.00
Routine	25.00	25.00	25.00	25.00
Sports	10.00	10.00	10.00	10.00
Housing:				
Rent deposit	200.00	200.00	200.00	200.00
Board deposit	0.00	0.00	0.00	0.00
Security deposit	150.00	150.00	150.00	150.00
OIT Telephone Services deposit	50.00	50.00	50.00	50.00
Application (non-refundable)	40.00	40.00	40.00	40.00
Activities service charge-annual	25.00	25.00	25.00	25.00
Computer connection installation:				
Network installation	75.00	75.00	75.00	75.00

Changes in General Education-Breadth Requirements

1. CS 2000 Effective Computing, 3 units approved for G.E. Area E1 Individual Resources for Modern Living.
2. DRAM 4010 Great Ages of Theatre, 4 units approved for G.E. Area F2 Humanities/Drama.
3. FA 1000 Introduction to the Fine Arts, 3 units; FA 1010 Fine Arts Practicum: Introduction to Visual Arts, 3 units; FA 1020 Fine Arts Practicum: Introduction to the Theatre, 3 units; and FA 1030 Fine Arts Practicum: Introduction to Music Skills, 3 units approved for G.E. Area C1 Arts.
4. FLAN 2066 Intermediate Arabic II, 3 units approved for G.E. Area C3 Foreign Languages.
5. HONS 2500 Information/Research/Analysis, 3 units approved for G.E. Area E1 Individual Resources for Modern Living.
6. SOCL/WMST 3320 The Sociology of Men and Society, 3 units approved for G.E. Area G Multicultural Requirement.

Upper Division Writing Proficiency (WP) Courses

In addition to satisfactory completion of all General Education Communication Skills requirements, all students must demonstrate competency in writing skills as a requirement for graduation. To do so, they must pass the Writing Proficiency Screening Test (WPST) **and** then pass with a minimum grade of C– or better, an upper-division writing proficiency (WP) course. Students who have not met the graduation writing requirement must pass the WPST before gaining admission to any of these courses. Peer tutoring to prepare for this test is available at the Writing Center. A course taken prior to the first semester in which WP status takes effect for that course may not be used to satisfy the writing competency requirement. Writing proficiency courses are designated in the Schedule of Classes with a (WP). The following is a listing of WP courses and the semesters the WP status are in effect:

Course	Title	Semester WP Status in Effect	Semester WP Status Removed
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 3520	The Modern Theatre	Fall 1999	
DRAM 3530	Contemporary Theatre	Fall 1992	Fall 1999
DRAM 4550	American Theatre	Fall 1992	Winter 1995
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	
GEO 4500/4502	Field Geology	Fall 1994	
GERM 4810	Linguistics and Language Instruction	Spring 1993	Fall 1999
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 Tech and Human	Fall 1990	Fall 1999
HONS 4965	Honors Seminar VI: Self and Community	Fall 1990	Fall 1999
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 3310	Nursing Leadership and Management	Winter 1994	Fall 1997
NURS 4510	Communication in Nursing Practice (Formerly 3510)	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	
PSCI/WMST 3700	Ethnic and Gender Politics	Spring 1993	Fall 1996
PSYC 4810	Intimate Relationships (formerly Social Psychology of Personal Relationships)	Fall 1995	
PSYC 4820	Group Dynamics: Theory and Application (formerly Group Dynamics and Interpersonal Behavior)	Fall 1995	
SOCL 3030	Research Methods	Fall 1994	
SPAN 4810	Linguistics and Language Instruction	Spring 1993	

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

Note: The Upper-Division Writing Proficiency approved course list is NOT tied to the Catalog of Graduation.

College of Arts, Letters, and Sciences

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Dean: Mary Cullinan

Associate Deans: June Boffman
James M. Klein

Anthropology

New Course

ANTH 4250/5250 The Ethnoecology of Southeast Asia (4 units).

(Same as *GEOG 4250/5250*) Drawing on case studies from Island and Mainland Southeast Asia, (including southern China) this course explores the long history of human-environmental interaction in the region. The course examines the causes of stress and instability in that interaction and the attempts to restore viable relationships and systems. Prerequisites: 4000 level requires Senior standing; 5000 level requires Graduate standing; consent of instructor.

Art

Bachelor of Arts, Art

Concentrations in Studio Art include:

- Painting
- Printmaking
- Sculpture

The curriculum of the program's studio art and art history courses provides students with the technical, conceptual, and expressive competencies, which form a strong basis for individual exploration in the visual arts.

Requirements

1. Complete University requirements for the Bachelor of Arts degree (51 units minimum).
2. Complete the following prerequisites to upper-division course work (18 units):
ART 1010 Drawing I: Direct Observation, 3 units
ART 1020 Drawing II: Composition, 3 units
ART 1100 Visual Principles, Two-Dimensional, 3 units
ART 1200 Visual Principles, Three-Dimensional, 3 units
ART 2515 Art History Survey-Ancient, 3 units
ART 2520 Art History Survey-Modern, 3 units
3. Complete no less than 36 upper-division units (including 9 units of studio electives).
4. Participate in an exhibition of graduating seniors.

The Major (36 units)

1. Complete upper-division course work in the four areas outlined below for a total of 36 units:
 - a. **Drawing (3 units)**
ART 3010 Drawing the Human Figure from Memory, 3 units
ART 3020 Drawing: Original Form, 3 units
 - b. **Printmaking (6 units)**
ART 3100 Relief Printmaking, 3 units
ART 3110 Intaglio, 3 units
ART 3120 Lithography, 4 units
ART 3130 Serigraphy, 4 units
ART 3142 Intaglio Color Printmaking, 4 units
ART 3152 Mono-Printmaking, 4 units
ART 3162 Color Lithography, 4 units
 - c. **Painting (6 units)**
ART 3000 Color, 3 units
ART 3200 Painting from Observation, 3 units
ART 3210 Painting from Imagination, 3 units
ART 3220 Painting: Original Form, 3 units
ART 3230 Painting the Human Figure, 4 units
ART 4200 Advanced Painting, 4 units
ART 4210 Modern Painting, 4 units
 - d. **Sculpture (6 units)**
ART 3300 Multi-Media: Assemblages and Construction, 3 units
ART 3320 Carving, 3 units
ART 3330 Metal Casting, 4 units
ART 3340 Figure Sculpture, 3 units
ART 3350 Ceramic Sculpture, 3 units
ART 4300 Advanced Sculpture, 4 units
2. Complete the following required courses (6 units):
ART 4545 Modern Art, 1870-1945, 3 units
ART 4550 Art Since 1945, 3 units
3. Select nine additional upper-division studio units in consultation with the student's adviser.

Studio Art Concentration

Students may choose an area of studio concentration in Painting, Printmaking, or Sculpture. Students completing a concentration will have the area of concentration noted on their permanent academic records.

Note: The Department of Art strongly recommends a studio art concentration for art majors who plan to attend graduate school (MA/MFA).

Requirements (19 units)

1. Complete nineteen upper-division units in one of the areas below in consultation with a faculty adviser.
 - a. **Painting**
In addition to the requirements in the major, complete all 3000 level painting courses and then the following:
 - 10 additional units in upper-division studio painting
 - 3 additional units in upper-division studio drawing
 - 3 units in upper-division studio elective in a related area
 - 3 units in upper-division art history

- b. **Printmaking**

In addition to the requirements in the major, complete all 3000 level printmaking courses and then the following:

- 10 additional units in upper-division studio printmaking
- 3 additional units in upper-division studio drawing
- 3 units in upper-division studio elective in a related area
- 3 units in upper-division art history

- c. **Sculpture**

In addition to the requirements in the major, complete all 3000 level sculpture courses and then the following:

- 10 additional units in upper-division studio sculpture
- 3 additional units in upper-division studio drawing
- 3 units in upper-division studio elective in a related area
- 3 units in upper-division art history

Minor in Art

Requirements (27 units)

1. Complete prerequisites to the major as listed above in subsection two of the "Requirements" section, Bachelor of Arts, Art (18 units).
2. Choose one course from each of the following areas:
 - a. **Printmaking**
ART 3100 Relief Printmaking, 3 units
ART 3110 Intaglio, 3 units
ART 3120 Lithography, 4 units
ART 3130 Serigraphy, 4 units
ART 3142 Intaglio Color Printmaking, 4 units
ART 3152 Mono-Printmaking, 4 units
ART 3162 Color Lithography, 4 units
ART 4100 Advanced Printmaking, 4 units
 - b. **Painting**
ART 3000 Color, 3 units
ART 3200 Painting from Observation, 3 units
ART 3210 Painting from Imagination, 3 units
ART 3220 Painting: Original Form, 3 units
ART 3230 Painting the Human Figure, 4 units
ART 4200 Advanced Painting, 4 units
ART 4210 Modern Painting, 4 units
 - c. **Sculpture**
ART 3300 Multi-Media: Assemblages and Construction, 3 units
ART 3320 Carving, 3 units
ART 3330 Metal Casting, 4 units
ART 3340 Figure Sculpture, 3 units
ART 3350 Ceramic Sculpture, 3 units
ART 4300 Advanced Sculpture, 4 units

Bachelor of Arts, Art

Art History Concentration

Art History courses span the entire history of the visual arts, giving students a firm grounding in the history, methodology, and cultural background of Western and Non-Western art.

Requirements

1. Complete University requirements for the Bachelor of Arts degree (51 units minimum).
2. Complete the following prerequisites to the major (18 units):
 - a. **Art History (9 units)**
ART 2515 Art History Survey-Ancient, 3 units
ART 2520 Art History Survey-Modern, 3 units
ART 2525 Art History Survey-Non-Western, 3 units
 - b. **Studio Courses (9 units)**
ART 1010 Drawing I: Direct Observation, 3 units
ART 1100 Visual Principles, Two-Dimensional, 3 units
ART 1200 Visual Principles, Three-Dimensional, 3 units
3. Complete the major of not less than 30 upper-division units.

Note: Students pursuing the Art History concentration are encouraged to satisfy, in part, the General Education requirements in Area C, Humanities, by taking a foreign language.

The Major (30 units)

1. Select at least six courses in the following area (18 units):
ART 4515 Art of the Classical World, 3 units
ART 4520 Art of the Medieval World, 3 units
ART 4525 Italian Renaissance Art, 3 units
ART 4530 Northern Renaissance Art, 3 units
ART 4535 Art of the Baroque Age, 3 units
ART 4560 Pre-Columbian Art, 3 units
ART 4565 African Art, 3 units
2. Select two of the following classes (6 units):
ART 4540 Early Modern Art, 1800-1870, 3 units
ART 4545 Modern Art, 1870-1945, 3 units
ART 4550 Art Since 1945, 3 units
ART 4555 American Art, 3 units
3. Select one of the following courses (3 units):
ART 4580 Museum and Gallery Management, 1-3 units
ART 4950 Selected Topics in Art, 1-5 units
ART 4980 Individual Study, 1-4 units
4. Complete the required course
ART 4570, Senior Seminar in Art History, 3 units

Minor in Art History

Requirements (18 units)

1. Complete a minimum of six units from the following lower-division courses:
ART 2515 Art History Survey-Ancient, 3 units
ART 2520 Art History Survey-Modern, 3 units
ART 2525 Art History Survey-Non-Western, 3 units
2. Select 12 units of upper-division course work in consultation with the minor adviser.

Liberal Studies Concentration in Art

Requirements (21 units)

1. Complete the following lower-division courses (6 units):
ART 1010 Drawing I: Direct Observation, 3 units
ART 1020 Drawing II: Composition, 3 units
2. Select 15 units of upper-division art electives.

Note: *The Department of Art will waive upper-division prerequisites for the Liberal Studies degree student.*

Teaching Credentials

An Art waiver is available to Art majors interested in a single subject credential. Students should contact the Art Department for requirements. Additionally, students should refer to the "College of Education, Teacher Education" section of the 1999-2001 catalog for other single subject credential requirements. Students must plan their program carefully with their adviser to complete the waiver at the time of graduation.

Graduate Programs

Printmaking Certificate Program

The Department of Art also offers a one-year postbaccalaureate program leading to a Certificate in Printmaking. The workshop in the printmaking program is available to qualified graduate students. Students may select print courses for the program from department course offerings in consultation with the adviser.

Admission Requirements

1. Bachelor of Arts degree with a major in art.
2. Minimum of two courses in printmaking at the undergraduate level.
3. Portfolio evaluation by printmaking faculty.
4. Interest in the field and seriousness of endeavor.

Requirements for the Certificate

1. Complete a minimum of 14 units of studio electives in printmaking.
2. Submit a portfolio of prints to a faculty committee who will evaluate the work.
3. Participate in a group exhibition or a one-person exhibition of prints on campus or at a location acceptable to both the student and faculty.

Course Title and Description Changes:

ART 1100 Visual Principles, Two-Dimensional (3units).
(Formerly *Elements of Design and Color; Two-Dimensional Design*) This course will introduce students to studio art approaches to creativity by using the visual principles of two-dimensional art and will build a theoretical and practical vocabulary, including composition in color. Satisfies G.E. area C1. (CAN ART 14) (Fall)

ART 1200 Visual Principles, Three-Dimensional (3units).
(Formerly *Three-Dimensional Design*) This course will introduce students to three-dimensional structural concepts. Investigation of various media and processes is included. Satisfies G.E. area C1. (CAN ART 16) (Fall)

New Courses:

ART 2010 Drawing the Human Figure from Observation (3 units).
Studies from direct observation, focused on the mastery of traditional and modern methods of drawing from the nude model and how it is uniquely employed as subject matter and as a compositional element in visual art.

ART 3000 Color (3 units).
Studio work aimed at developing a clear working understanding of color, primarily as it is experienced in direct observation and as the focus in the creation of artistic form.

Course Title, Description, and Prerequisite Changes:

ART 3010 Drawing the Human Figure from Memory (3 units).
(Formerly *Drawing the Human Figure; Drawing III*) A study focused on drawing the nude human figure primarily from an anatomical/structural perspective. Deals with the human figure as subject matter and as a compositional element. Prerequisite: ART 1020.

ART 3200 Painting from Observation (3 units).
(Formerly *Painting: Color and Form*) Studies from direct observation, focused on the mastery of traditional and modern methods of painting. Prerequisite ART 3000.

Course Title and Description Change:

ART 3210 Painting from Imagination (3 units).
(Formerly *Painting: Material, Process, and Form; Painting: Composition and Form*) Studio work in multimedia aimed at understanding of artistic form and meaning that is guided by imagination and emphasizing the physical properties of materials. Prerequisite: ART 1000 or 1010.

Course Number and Title Changes:

ART 3230 Painting the Human Figure (4 units).
(Formerly ART 3232 *Painting the Human Form*) Study of the human form from direct observation of the studio model and in terms of the convergence of appearances and pictorial form. Prerequisite: ART 3200.

ART 3300 Multimedia: Assemblages and Construction (3 units).
(Formerly ART 3311 *Multimedia: Assemblages and Construction; Modeling*) Working in a variety of media on an intermediate sculpture level, traditional and contemporary concepts will be explored, including installation and site specific 3-D composition. Prerequisite: ART 1200.

Course Number Change:

ART 3320 Carving (3 units).
(Formerly ART 3321) Development of sculpture through the subtractive process. Emphasizes concept development, tools and techniques of stone or wood carving. Prerequisite: ART 1200.

Course Title Change:

ART 3330 Metal Casting (4 units).
(Formerly *Foundry*) Techniques of both lost-wax and sandcasting will be used to translate sculpture ideas and processes into metal. Lab time required. Prerequisites: ART 1200, 2-3 sculptures suitable for casting.

Course Number Change:

ART 3340 Figure Sculpture (3 units).
(Formerly ART 3301) Assignments are geared to the imaginative use of the figure. Figure study will precede interpretive work. The purpose is to engage students in a fresh analysis of the figure as a spatial yet personal statement. Prerequisite: ART 1200.

Course Number and Title Change:

ART 4210 Modern Painting (4units).
(Formerly ART 4250 *Abstract Painting and Composition*) Study and development of color, composition and methods of paint application in abstract forms of painting. Explore contemporary techniques with emphasis on major artists' styles and influence. Prerequisites: ART 3200 and 3210.

Course Deletion:

ART 4220 Imagination (3 units).

New Courses:

ART 4400 New Media Theory (3 units).
Theoretical investigation of new art media such as digital/electronic technology and new approaches including performance, installation, and site-specific works. Focus on content concerned with societal issues and values.

ART 4410 Art and Creativity (3 units).

Examination of theories of creativity including cognitive, psychological, and physiological development. The roles of intuition, invention, and insight; processes to encourage and enhance creativity. Prerequisite: Junior standing.

ART 4860 Understanding and Creating Art (3 units).

Mixed studio and lecture course in Art Education, familiarizing students with developmental theories of child art and multi-faceted approaches to art curricula.

ART 4930 Professional Practices (2 units).

Preparation for the BFA student for professional careers in Art. Emphasis on "practicum"-resumes, artists' statement, portfolio/slide preparation. Instruction in artwork conservation, museum and gallery methods, and creation and mounting of exhibitions.

Course Description Change:**ART 4960 Senior Seminar (WP) (3 units).**

Study of issues confronting the contemporary artist through an examination of art criticism and theory. Satisfies upper division writing proficiency requirement and involves essay assignments. Prerequisite: Senior standing.

New Course:**ART 4970 Innovation and Media (3 units).**

Capstone BFA studio/seminar course to engage students in experimentation and innovation in ways that build on and go beyond the boundaries of media.

Biology**Course Unit and Prerequisite Change:****BIOL 4850 DNA Technology in Forensic Science (2units).**

Applications of DNA technology in forensic investigation will be explored. The laboratory segment will expose students to a variety of molecular biology techniques used in forensic laboratories. The lecture component will introduce fundamental concepts in molecular biology and expound on the analysis and interpretation of results obtained in the lab. Corequisite: BIOL 4852. Prerequisite: BIOL 2310 or 3350 and CHEM 1100, 1102, and 1104, or consent of instructor. (Lecture, 1 hour; laboratory, 3 hours)

Course Description Change:**BIOL 4860 Cell Culture and Advanced Biotechnology (2 units).**

Introduction to tissue culture techniques for analysis of cells under normal and experimental conditions. Emphasis will be placed on application of these techniques for elucidating basic biological functions and their utilization in biotechnology research. Primary focus will be on animal cells, but plant cells will also be examined. Corequisite: BIOL 4862. Prerequisites: A grade of C or better in BIOL 3350 or BIOL 3310; CHEM 1100, 1110, or equivalent; and consent of instructor. (Lecture, 1 hour; laboratory, 3 hours) (Winter)

Natural Science**New Course:****NSCI 4961 Teaching Secondary Science (3 units).**

This course is an introduction to teaching methodology, philosophy, resources, and strategies for prospective secondary science teachers for grades 7-12. The course is required for the subject matter preparation program for students who intend to earn the Single Subject Credential in Science and is appropriate for those wanting specialized preparation in Biological Science, Chemistry, Geoscience, or Physics.

Cognitive Studies**Cross-listing removal:****COGS 3100/CS 3000 Communication Networks (3units).****Computer Science****New Course:****CS 2000 Effective Computing (3 units).**

To familiarize students with current computing technologies used within education, home, and business environments. Topics include productivity tools such as word processing, spreadsheets, hardware, and operating systems. There will also be discussion of ethical and social issues concerning information technologies. Enrollment preference will be given to Liberal Studies majors. Corequisite: CS 2002. Satisfies G.E. area E1. Students may not use both CS 2000 and CS 4000 to satisfy G.E. requirements. (Lecture, 2 hours; laboratory, 2 hours)

Cross-listing removal:**COGS/CS 3100 Communication Networks (3 units).****Drama****New Certificate Program:****Secondary School Teacher's Certificate in Drama**

Certificate for Teaching Drama (24 units)

The Certificate for Teaching Drama in schools is designed to be combined with English as the subject matter teaching area. The Certificate prepares potential teachers with a program of study in theater arts for presentation of theater curricula in the schools. This program will certify competence for the teaching and direction of drama programs in schools.

For more information, please refer to the "Single Subject Matter Preparation Program" in the English section of

the 1999-2001 catalog on page 141 under "Teaching Credentials".

Program Outline (24 units)

- DRAM 1010 Introduction to Theatre, 3 units
 - DRAM 1500 Acting for Non-Drama Majors, 3 units
 - DRAM 3200 Stagecraft I, 3 units
 - DRAM 3240 Costuming, 3 units
 - DRAM 3515 Classical Theatre, 3 units
 - DRAM 3520 Modern Theatre, 3 units
 - DRAM 4600 Directing, 3 units
- In addition:
- DRAM 4800 Teaching Theatre in Secondary Schools, 3 units

Course Deactivation:

DRAM 4550 American Theatre (3 units).

New Courses:

DRAM 4010 Great Ages of Theatre (3 units).

Theatrical production and dramatic literature of the Great Ages of theatre, including the Classic Greeks, Shakespeare and the Elizabethans, the Spanish Golden Age, and the Italian and French Renaissance. Satisfies G.E. area F2.

DRAM 4800 Teaching Theatre in Secondary Schools (3units)

An introduction to teaching methodology and resources for prospective teachers of Theatre Arts at the secondary level. Focus will be on effective classroom presentation of theatre appreciation and the basic elements of theatre in introductory courses, as well as the organization and production of theatrical works in the secondary schools.

English

New Courses:

ENGL 1005 Honors Composition (CAI) (4 units).
See English Department for further details.

ENGL 4530 Gender and Sexuality in Literature (3units).

(Same as WMST 4530) Introduction to the field of gay/lesbian/bisexual studies through the reading of literature and theory. Prerequisite: Upper-division standing.

Ethnic Studies

New Course:

ETHS 3115 Chicana/o Thought (3 units).

The course will investigate chicana/o philosophy as presented in significant writings from such authors as Rudolfo "Corky" Gonzalez, Rudolfo Anaya, Ana Castillo, and others. Issues of Aztlan, feminism, resistance to oppression, and immigrant's rights will be investigated. This course will blend readings from the humanities and the social sciences.

Geography

New Course:

GEOG 4250/5250 The Ethnoecology of Southeast Asia (4 units).

(Same as ANTH 4250/5250) Drawing on case studies from Island and Mainland Southeast Asia, (including southern China) this course explores the long history of human-environmental interaction in the region. This course examines the causes of stress and instability in that interaction and the attempts to restore viable relationships and systems. Prerequisites: 4000 level requires Senior standing; 5000 level requires Graduate standing; consent of instructor.

Course Title and Description Change:

GEOG 4301 Permaculture Applications in Diverse Environments (3 units).

(Formerly *Geography and Environmental Planning*) This course examines permaculture approaches in humid tropics/subtropics, arid and semi-arid regions, mountain/cold climates, and urban areas. Prerequisite: Introductory physical geography course or consent of instructor.

Geology

New Courses:

GEOL 3600 Physical Oceanography (3 units)

This course will illustrate how the scientific method is applied to the study of the oceans. It will examine the oceans primarily from the geological perspective, and integrate aspects of physics, chemistry, and biology. Upper-division elective in Geology, elective for science waiver, required for Geology waiver. Prerequisites: GEOL 2100, 2102, and understanding of algebra. (Lecture, 3 hours; field trip)

GEOL 4400 Applied Geology (3 units).

A practical course about the nature of professional geologic work. Includes discussions about engineering geology (the use of geology to the solution of engineering problems, including civil and sanitary engineering), soil mechanics, rock mechanics, hydrogeology, resource exploration (minerals and petroleum), and environmental geology. Prerequisite: GEOL 4360 or consent of instructor.

GEOL 4402 Applied Geology Laboratory (1 unit).

Laboratory to accompany GEOL 4400. Soil mechanics, rock mechanics, slope stability analysis, rockfall analysis, seismic engineering, coastal erosion, waste management, exploration for mineral resources, and environmental geology. Corequisite: GEOL 4400. (Laboratory, 3 hours, including some field trips) (Fall)

Honors

New Courses:

HONS 1010 Directed Reading Seminar (3 units).

Close reading and analysis of selected writings on a theme or issue of social or cultural significance. Emphasis on learning to identify argumentative structures and persuasive techniques at work in a text. (Fall)

HONS 1020 Mathematics Learning Community (1unit).

Emphasis on group-based problem solving. Reflections on the value and application of quantitative reasoning. Emphasis on developing practical approaches to mathematical learning. Concurrent enrollment in a college-level math course or AP waiver of math requirement. (Fall)

HONS 2500 Information/Research/Analysis (3 units).

Application-based introduction to information resources with attention to issues of access and evaluation. Emphasis on learning how to conduct efficient and effective information searches and acquiring knowledge of basic research protocols. Satisfies G.E. area E1. (Fall)

HONS 2850 Service Learning Practicum (3 units).

Community service internship or research project reflecting community interests or having application to social problems. Analysis of the value of experiential learning as a basis for evaluating practical applications of theoretical knowledge. (Spring)

HONS 3000 Intellectual Methods (3 units).

Theme-based seminar emphasizing close reading, thoughtful discussion, and careful analysis of arguments. Emphasis on making connections across disciplines and developing critical acumen in the design and completion of a personal research project. Required of all students entering Honors program in junior year. (Fall)

HONS 3050 Methods of Discovery (3 units).

Students will explore and apply a variety of investigative methodologies. Emphasis on the application of advanced reading, thinking, and writing skills to a team-based study of complex problems. (Spring)

HONS 3850 Directed Research Practicum (1 unit).

Research contributing to design and implementation of a senior thesis or capstone project, performed under close faculty mentorship. Requires consent of faculty research mentor. May be repeated once for credit with a draft research proposal and consent of faculty research mentor. (Fall, Winter, Spring)

HONS 3990 Capstone Research Proposal (1 unit).

Independent research and discussions with research mentor leading to an approved research proposal for thesis or capstone project. Emphasis on framing a creative approach to research topic using congruent methods from different disciplines. Requires concurrent enrollment in HONS 3050. (Spring)

HONS 4200 Senior Colloquium (1 unit).

Students meet to discuss one another's capstone research proposals and to critique work in progress. Prerequisite: Approved Honors capstone research proposal for a Senior Thesis or Capstone Project. (Fall)

HONS 4960 Presentation Seminar and Senior Conference (3 units).

Students present and review Honors projects in a seminar and conference setting. Emphasis on developing aptitudes for effective presentations, together with practice in providing constructive feedback, engaging in collaborative peer editing, and framing and responding to thoughtful questions. (Spring)

HONS 4990 Senior Thesis (1-3 units).

Creative analysis of a significant theme or issue, incorporating primary sources of information and applying interdisciplinary forms of experimental inquiry and intellectual analysis. Project must reflect a sound application of research methods, analytical frameworks, or performative criteria from two or more disciplines. (Fall or Winter)

Course Title and Unit Change:

HONS 4995 Senior Capstone Project (1-3 units).

(Formerly *Honors Research*) Creative project involving multidisciplinary research and analytical reflection on a significant theme or issue. Capstone project must incorporate original studies, experiments, or creative endeavors, and must involve sound application of research methods, analytical frameworks, or performative criteria from two or more disciplines. (Fall or Winter)

Liberal Studies

Advisers:

Anthropology	Kofi Akwabi-Ameyaw
Applied Studies Track	Louis Feldman
Art	Laura Collard
Bilingual/Crosscultural	Maria Linda Apodaca, Fernando Beltran, Juan Flores, Christina Gonzales, Leodoro Hernandez, Richard Levering, Serah Martinez, Sari Miller- Antonio, William Ozuna, Kathy Shipley, Anthony J. Vang
Biology:	
Botany	Wayne Pierce
Zoology	Walter Tordoff
Chemistry	Hobart Hamilton
Child Development	Rita Asher, Victoria Cortez, Susan Goodwyn, Gary Novak
Communication Studies	Kathy Shipley
Drama	Laura Collard
English	Anna Bolling, Jack Williams
Ethnic Studies	Maria Linda Apodaca, Sari Miller-Antonio, Richard Luevano
Exceptional Children and Youth	Cathy Watkins
Geography	Ida Bowers
Mathematics	Dana Reneau
Music	Robert Danziger
Philosophy, Applied	James A. Tuedio
Physical Education	James Bowen
Physical Sciences and Geology	Marvin Johnson
Psychology	Victoria Cortez, Susan Goodwyn, Lin Myers, Gary Novak, Gina Pallotta
Social Sciences:	
Economics, History, and Political Science	Laura Collard
Sociology	Paul O'Brien
Spanish	Robert Anderson
Stockton Program	Tina Drain
TESOL	Stephen Stryker
Undeclared	Laura Collard, Peter Finley
Women's Studies	J. J. Hendricks

Note: Although the Credential Program has removed the C, CR, or better requirement (Subject Matter Competency), Liberal Studies will continue to require C, CR, or better in all courses required to complete a CCTC waiver.

Coordinating with the Multiple Subject Teaching Credential Program

At this time Liberal Studies is the only major with an approved waiver program leading to a Multiple Subject Credential Program. Without this waiver, successful completion of the Multiple Subject Assessment Test (MSAT) is a requirement for entry into a Multiple Subject Credential Program. Currently, admission to the CSU Stanislaus Multiple Subject Credential Program requires a 2.75 overall grade point average for Liberal Studies students. See the "College of Education" section of the 1999-2001 catalog and the credential application packet for other academic and professional admission requirements, including CLAD and BCLAD. Visit the Liberal Studies and Teacher Education departments for additional details and information pertaining to the application and interim approval process necessary for entrance into the Credential Program.

With the consent of the College of Education, students may be admitted to the credential program prior to completing their bachelor's degree. Units required in the credential program can be applied as upper-division elective credit toward satisfying the 124 unit requirement for the bachelor's degree.

The Liberal Studies subject matter requires that all courses in Liberal Studies, including GE, be met with grades of at least C- or CR. Students should consult with the Credential Program Coordinator for changes in the precise GPA requirements for admission to the credential program.

Course Description Changes:

LIBS 1000 Beginning Field Experience (2 units).

An introduction to the Liberal Studies, the credential program, and the profession of teaching. Course requirements include 30 hours of tutoring in an elementary or university school setting. Corequisite: LIBS 1004.

LIBS 2000 Intermediate Field Experience (2 units).

Participants observe K-8 classroom environments and analyze observations in discussions and writing, noting student characteristics, teaching styles, and classroom management techniques. This observation-based analysis increases awareness and teaching effectiveness. Corequisite: LIBS 2004. Prerequisite: LIBS 1000.

Modern Languages

New Course:

FLAN 2066 Intermediate Arabic II (3 units).

Second year Modern Standard Arabic to develop functional abilities in the four language skills with a focus on oral proficiency. Satisfies G.E. area C3. Prerequisite: FLAN 2065 or equivalent or consent of instructor.

Multidisciplinary Studies

Course Number and Prerequisite Change:

MDIS 4000 Introduction to Gerontology (3 units).

(Formerly *MDIS 3000*) A broad overview of the current concepts, issues, and processes associated with human aging and the latter part of the life cycle. The problems and challenges facing the older person will be explored from the perspectives of various disciplines as they contribute to our understanding of related systems. Prerequisite: Junior or senior or graduate standing. (Offered alternate years)

Music

Prerequisite change:

The following Music course requirements have changed from Department Approval to Program Coordinator Approval:

MUS 1611, 2611, 3611, 4611
 MUS 1641, 2641, 3641, 4641
 MUS 1671, 2671, 3671, 4671

Nursing

Continuance in the major requirement change:

Students must maintain a minimum grade of C– in courses constituting the nursing major. Students must have completed MATH 1600 Statistics, or an equivalent, with a grade of C– or better for progression in the major, and as a prerequisite to NURS 3700 Introduction to Nursing Research. With departmental approval, a student may repeat a nursing course one time. If class enrollment is limited, priority will be given to students who are maintaining regular progression in the program. Only two nursing courses are allowed to be repeated. Students repeating nursing courses must earn grades of C– or better to remain in the program and may not progress in the program until the course(s) have been successfully completed.

A student whose pattern of behavior is found to be unsafe may be terminated from a clinical practicum for reasons of unsafe practices at any time during the semester and receive a non-passing grade for the course. In order to continue in the nursing program, a student who is terminated from a clinical practicum must apply for readmission to the nursing program.

Addition to Requirements for the Major:

- All prerequisite courses to enter the Nursing Program must be completed with a C or better.

Permaculture

New Degree Minor:

**Advisers: Wayne Pierce, Biology
 Ida Bowers, Geography**

Permaculture Minor

The minor in Permaculture is an interdisciplinary program open to students in any major. Permaculture is a design approach for agroecosystems. With a focus on long term sustainability, it emphasizes ecological principles and diversity of plant and animal combinations suited to the characteristics of places and cultures. As such, it is appropriate for students who are concerned with resource issues, agriculture, community development, and land use planning.

Students must complete a minimum of 31 upper division units. (With adviser's approval, a transfer student who has completed equivalent courses at the lower division level in Categories 1-5 may use those courses to satisfy requirements in the minor as long as the student has a minimum of 20 upper division units in the minor). Advising and approval for each student's pattern of courses in the minor is required.

Recommended Upper Division G.E. Courses to Supplement the Minor

Choose one course from each category:

Social Sciences

ANTH 3000 Anthropology and Modern Social Issues, 3 units
 MDIS 4400 Politics of the Environment, 3 units

Sciences

BIOL 3000 Frontiers in Biology, 3 units
 CHEM 3070 The Chemicals in Your Life, 3 units
 CHEM 3100 Environmental Chemistry, 3 units
 GEOL 3000 Physical and Environmental Geology, 4 units
 [Corequisite: GEOL 3002]
 NSCI 3000 Science for Self Sufficiency, 3 units

Requirements (31–33 units)

Course prerequisites are in brackets after each course.

Category 1 - Physical Environment

Choose two courses from the following (6 units):

BIOL 4000 Biogeography, 3 units
 [ZOO 1050 and BOTY 1050, **or** consent of instructor]
 GEOG 3000 Physical and Environmental Geology, 4 units
 GEOG 3100 Climatology, 3 units
 [GEOG 2010 **or** consent of instructor]
 GEOL 3810 Hydrogeology, 3 units
 [GEOL 2100 and GEOL 2102]
 GEOL 3900 Soil Geology: Application to Agriculture and Hydrogeology, 3 units
 [GEOG 2100 and 2102, **or** consent of instructor]

Category 2 - Ecology**Choose one course from the following (3–4 units):**

- GEOG 3020 Human Ecology, 3 units
- BIOL 4650 Aquatic Biology, 4 units
[BOTY 1050, ZOO 1050, **and**
CHEM 1100, 1110, or equivalent]
- BIOL 4680 Ecology, 4 units
[BOTY 1050, ZOO 1050, and statistics or
calculus]
- BOTY 4600 Plant Ecology, 4 units
[One year of college-level biology, including
BOTY 1050, CHEM 1100, 1110, or equivalent]

Category 3 - Pests and Plant Diseases**Choose one course from the following (4 units):**

- BOTY 3500 Introductory Plant Pathology, 4 units
[BOTY 1050 or equivalent]
- ENTO 3000 Principles of Entomology, 4 units
[ZOO 1050 or equivalent]

Category 4 - Techniques**Choose three courses from the following (9-10 units):**

- GEOG 4070 Agricultural Geography, 4 units
[one course in physical geography]
- GEOG 4750 Geographic Information Systems,
3 units
[Consent of instructor and computer experience]
- PSCI 3810 Multicultural Community Building and
Conflict Resolution, 3 units
- PSCI 4325 Land Use Planning, 3 units
[PSCI 1201]

Category 5 - Applied Work/Work Experience (3 units):

It is required that students take an internship with the campus BioAg Center or with a local agricultural entity. See appropriate discipline for your interests.

If students come from a community college with credited work experience, this requirement is waived.

Category 6 - Capstone Courses (6 units):

- GEOG 4301 Permaculture Applications in Diverse
Environments, 3 units (formerly Geography and
Environmental Planning)
- PHIL 4800 Nature Revisited: Environmental Issues
in Philosophical Perspective, 3 units

Philosophy**Concentration Change:****Liberal Studies Concentration in Applied Philosophy (21 units)**

This program is designed for Liberal Studies students interested in bringing philosophical thinking to life in the elementary school classroom. Students will develop basic philosophical capacities to read and analyze philosophical texts and arguments. Students will also develop skills in ethical analysis and value inquiry while learning to apply philosophical thinking (as a form of humanistic inquiry) to socially relevant issues concerning “self” and “context.”

Most importantly, students will have an opportunity to learn effective ways of bringing philosophical thinking to life in the elementary school classroom setting. This program offers conceptual preparation for developing methods of philosophical inquiry tailored to the receptive capacities of the student.

1. Complete 15 upper-division units in Philosophy and at least 21 units total from the categories listed below.

Note: Only 6 of these units can be used to fulfill Liberal Studies BA or General Education breadth requirements.

Choose one course from each of the following two clusters (6 units):

2. Critical Thinking (choose one):
PHIL 2000 Philosophical Inquiry, 3 units
PHIL 2100 Logic, 3 units
3. History and Methods (choose one):
PHIL 1010 Introduction to Philosophy, 3 units
PHIL 2200 Ancient Philosophy, 3 units
PHIL 2230 Modern Philosophy, 3 units
PHIL 2700 Introduction to Political Philosophy,
3 units
PHIL 3010 Classics of Western Philosophy, 3 units

Choose your remaining courses from the following clusters (15 units):

4. Ethics and Value Inquiry (choose at least two courses):
PHIL 2400 Contemporary Moral Issues, 3 units
PHIL 2500 Philosophy and Film, 3 units
PHIL 3400 Ethics, 4 units
PHIL 4401 Professional Ethics, 3 units
PHIL 4450 Philosophy of Religion, 4 units
PHIL 4500 Philosophy of Art, 4 units
5. Self and Context (choose at least two courses):
PHIL 3750 Concepts of Home, 3 units
PHIL 3850 Media, Communication and Community,
3 units
PHIL 4600 Philosophy and Feminism, 3 units
PHIL 4800 Nature Revisited, 3 units
PHIL 4980 Independent Study (Philosophy for
Children), 1-2 units

Physics, Physical Sciences

Course Unit, Corequisite, and Prerequisite Change:

PHYS 2270 General Physics III (3 units).

Continuation of PHYS 2260, covering thermodynamics, waves, optics, and introductory quantum mechanics. Prerequisites: PHYS 2250 and MATH 1420. (CAN PHYS 14) (Winter)

Psychology

New Crosslisting:

PSYC 4750 Applied Behavior Analysis in the Classroom (3 units).

(Same as *EDSE 4750*) Application of learning principles to educational and behavioral problems of individuals, enabling the student to design and implement programs for special education populations. Gives the student skills in program management and evaluation.

Course Title change:

PSYC 4790 Analyzing and Changing Human Behavior (3 units).

(Formerly *Behavioral Engineering*) The course consists of the basic principles and terminology of behavior analysis applied to a variety of human settings. Behavior change, program design, and evaluation will be discussed. Examples will be drawn from parent training, child management, self-management, clinical psychology, and everyday social interactions. Prerequisite: PSYC 2010 or equivalent.

PSYC 4810 Intimate Relationships (WP) (3 units).

(Formerly *Social Psychology of Personal Relationships*) Social psychological analysis of close relationships such as friendships, marriages, and gay and lesbian relationships. Processes such as attachment, conflict, and commitment will be examined. Satisfies upper division writing proficiency requirement. Prerequisite: PSYC 3310 or consent of instructor.

Corequisite Correction:

PSYC 5030 Psychodiagnostics I (3 units).

PSYC 5042 is **not** a corequisite.

Course Title Change:

PSYC 5640 Conceptual Issues in Behavior Analysis (3units).

(Formerly *Behaviorism as a Philosophy of Science; Advanced Seminar in Behavior Change*) Complex topics related to human learning will be the primary subject matter. Such areas as thinking, creativity, problem solving, phylogeny, and ontogeny of behavior will be examined from a behavioral perspective. Prerequisites: PSYC 4720 and 4722; PSYC 4750 and 4790 recommended.

Course Title Change:

PSYC 5930 Practicum in Behavior Analysis (3 units).

(Formerly *Practicum in Behavior Modification*) The course consists of supervised experience in the assessment and functional analysis of behavior with various types of clients. Activities will include assessment interviews and observations, analysis of controlling variables within the immediate environment of the client, assessment of resources for change, and the implementation and evaluation of behavior change procedures. Students will give oral presentations of their analysis and interventions to the faculty supervisor and fellow practicum students on a regular basis during case conferences. The typical client will be from a family counseling agency or will be a developmentally delayed child or young adult living in the family residence or group home. Prerequisites: PSYC 4720 or 4790 and consent of instructor. (Fall)

Sociology

New course:

SOCL 3320 The Sociology of Men and Society (3units).

(Same as *WMST 3320*) A review of existing research and issues related to the social construction of diverse masculinities in contemporary societies. An emphasis on topics such as violence, sexualities, work, families, men's associations, and health. Satisfies G.E. area G.

Women's Studies

New courses:

WMST 3320 The Sociology of Men and Society (3units).

(Same as *SOCL 3320*) A review of existing research and issues related to the social construction of diverse masculinities in contemporary societies. An emphasis on topics such as violence, sexualities, work, families, men's associations, and health. Satisfies G.E. area G.

WMST 4530 Gender and Sexuality in Literature (3 units).

(Same as *ENGL 4530*) Introduction to the field of gay/lesbian/bisexual studies through the reading of literature and theory. Prerequisite: Upper-division standing.

School of Fine and Performing Arts

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Staff: Kimberly A. Clements
Publicity/Recruitment Coordinator

In the fall of 1999, CSU Stanislaus marked the opening of the School of Fine and Performing Arts within the College of Arts, Letters, and Sciences. Composed of the departments of Art, Drama, and Music, the School of Fine and Performing Arts is founded on the premise that the arts are central to the human spirit and to intellectual and social life. The School serves to instill, inspire, model, and celebrate creativity; to share and understand creative efforts throughout history and from across cultures; and to develop and nurture creative and artistic expression. The School also is designed to serve as a center for cultural and artistic activity for the region.

The mission of the School of Fine and Performing Arts is

- to develop artistic talent and build foundations of knowledge regarding the arts;
- to develop citizens committed to social responsibility who understand and advocate the role of the artist in society;
- to meet the diverse needs of students who wish to incorporate the arts into their professional and personal goals; and
- to develop and integrate interdisciplinary programs and modes of learning.

Faculty work on an international stage and bring their wealth of experience and connections to their field into the classroom, studio, and rehearsal hall. Not only are they gifted artists in their disciplines, but also dedicated teachers who share a common vision of how the arts can shape the minds of our students.

Degrees Offered:

Bachelor of Arts in Art, Music, and Drama
Bachelor of Music

See the 1999-2001 catalog for specific degree program requirements.

Fine Arts

Course Descriptions

FA 1000 Introduction to the Fine Arts (3 units).

Introduction to the arts: the nature of artistic activity, the methods and materials of each of the arts, and the criteria for evaluating work in each of the arts. Satisfies G. E. area C1.

FA 1010 Fine Arts Practicum: Introduction to Visual Art (3 units).

The application of principles learned in FA 1000 by means of practical projects in the visual arts. Satisfies G.E. area C1.

FA 1020 Fine Arts Practicum: Introduction to the Theatre (3 units).

The application of principles learned in FA 1000 by means of practical projects in one of the following disciplines: art, music, or drama. Satisfies G. E. area C1. Corequisite: FA 1023. (Lecture, 2 hours; activity, 2 hours)

FA 1030 Fine Arts Practicum: Introduction to Music Skills (3 units).

The application of principles learned in FA 1000 by means of practical projects in one of the following disciplines: art, music, or drama. Satisfies G.E. area C1.

College of Business Administration

Office: Demergasso-Bava Hall 203
(209) 667-3287

Dean: Amin Elmallah

Computer Information Systems

Program Revision

Please note that with the revised program, the two concentrations (Systems Analysis and Design concentration and the Decision Support Systems concentration), will no longer be offered. Students currently in the program will be able to complete the course work for these concentrations.

Bachelor of Science, Computer Information Systems

This degree program provides a basic preparation for careers in computer information systems involving the management of information resources—computer data and voice communication—to support business operations and corporate strategy.

Degree objectives include (1) a broad based liberal education, (2) a basic understanding of business functions and organizations, (3) a basic understanding of computer information system functions, and (4) proficiency in analyzing, evaluating and developing computer information systems to support decision making.

Computer information systems core courses introduce the student to business functions, organizations, computer information systems concepts, and practice. The core develops effective skills to analyze, design, implement, and test computer information systems to support decision making and transaction processing.

Students majoring in computer information systems are required to complete a two semester course sequence in programming. Students may choose from the following languages: COBOL, Visual Basic, Visual C++, or Java. In addition all CIS majors must complete courses in Database Management Systems, Systems Administration, Network Administration, and Systems Analysis and Design.

Students completing the major will be prepared for entry level positions as Business Analysts, Computer Programmers, Database Administrators, Network Administrators, or Technical Support Persons in a variety of computing environments.

Requirements

1. Complete University requirements for the Bachelor of Science degree (51 units minimum)
2. Complete the following prerequisites to the major.
 - CIS 2000 Introduction to CIS, 3 units
 - CIS 2010 COBOL Programming, 3 units, **or**
 - CIS 2020 Visual Basic Programming, 3 units, **or**
 - CIS 2030 C++/Java Programming, 3 units
 - CIS 2700 Management Information Systems, 3 units
 - BLW 2060 Law Environment and Ethics, 3 units
 - ACC 2110 Financial Accounting, 3 units
 - ACC 2130 Managerial Accounting, 3 units
 - ECON 2500 Principles of Macroeconomics, 3 units
 - or ECON 2510 Principles of Microeconomics, 3 units
 - MATH 1500 Finite Mathematics, 3 units
 - MATH 1610 Statistics for Decision Making, 3 units
3. Complete each prerequisite, major, and elective course with a grade C- or better.
4. Complete the English Proficiency Requirement, ENGL 3007 Business and Technical Communication, 3 units
5. Completion of a minor is not required.
6. At least 50% of the business units required for the degree should be earned at CSU Stanislaus. This requirement exceeds the university-wide requirement.

The Major (36 units)

Complete the following core courses (36 units):

- CIS 3010 Advanced COBOL Programming, 3 units, **or**
- CIS 3020 Adv Visual Basic Programming, 3 units, **or**
- CIS 3030 Adv C++/Java Programming, 3 units
- CIS 4100 Systems Administration, 3 units
- CIS 4720 Database Management Systems, 3 units
- CIS 4770 Systems Analysis and Design, 3 units
- CIS 4800 Network Administration, 3 units
- FIN 3220 Business Finance, 3 units
- MGT 3310 Management Theory and Practice, 3 units

MGT 3400 Seminar in International Business, 3 units
 MGT 4900 Business Policy, 3 units,
 MKT 3410 Basic Marketing, 3 units
 OM 3010 Operations Management, 3 units
 OM 3020 Management Science, 3 units

Electives (6 units)

Complete two of the following:

CIS 3760 Computer Graphics, 3 units
 CIS 3800 Web Based Information Retrieval and Analysis, 3 units
 CIS 4710 Information Systems Management, 3 units
 CIS 4740 Database Management Systems, 3 units
 CIS 4750 Decision Support Systems, 3 units
 CIS 4780 Computer Information Systems Design, 3 units
 CIS 4820 E-Business Site Development, 3 units
 CIS 4900 Application Development Project, 3 units
 CIS 4940 CIS Internship, 3 units
 CIS 4950 Selected Topics in CIS, 3 units

Minor in Computer Information Systems

A student majoring in any discipline other than Business Administration may receive a minor in Computer Information Systems by completing the courses listed below:

Requirements (24 units)

- Complete the following prerequisites to the minor (18 units)
 - ACC 2110 Financial Accounting, 3 units
 - CIS 2010 COBOL Programming, 3 units, **or**
 - CIS 2020 Visual Basic Programming, 3 units, **or**
 - CIS 2030 C++/Java Programming, 3 units
 - CIS 2700 Management Information Systems, 3 units
 - ECON 2510 Principles of Microeconomics, 3 units
 - MATH 1610 Statistics For Decision Making, 3 units
 - MGT 3310 Management Theory and Practice, 3 units
- Complete two of the following courses (6 units)
 - CIS 3010 Advanced COBOL Programming, 3 units, **or**
 - CIS 3020 Adv Visual Basic Programming, 3 units, **or**
 - CIS 3030 Adv C++/Java Programming, 3 units
 - CIS 3760 Computer Graphics, 3 units
 - CIS 3800 Web Based Information Retrieval and Analysis, 3 units
 - CIS 4100 Systems Administration, 3 units
 - CIS 4710 Information Systems Management, 3 units
 - CIS 4720 Data Base Management Systems, 3 units
 - CIS 4740 Advanced Data Base Management Systems, 3 units
 - CIS 4770 Systems Analysis and Design, 3 units
 - CIS 4780 Computer Information Systems Design, 3 units
 - CIS 4820 E-Business Site Development, 3 units
 - CIS 4800 Network Administration, 3 units

A student majoring in Business Administration may receive a minor in Computer Information Systems by completing the courses listed below:

- Complete one of the following prerequisites (3 units)
 - CIS 2010 COBOL Programming, 3 units, **or**
 - CIS 2020 Visual Basic Programming, 3 units, **or**
 - CIS 2030 C++/Java Programming, 3 units
- Complete three of the following courses (9 units)
 - CIS 3010 Advanced COBOL Programming, 3 units, **or**
 - CIS 3020 Advanced Visual Basic Programming, 3 units, **or**
 - CIS 3030 Advanced C++/Java Programming, 3 units
 - CIS 3760 Computer Graphics, 3 units
 - CIS 3800 Web Based Information Retrieval and Analysis, 3 units
 - CIS 4100 Systems Administration, 3 units
 - CIS 4710 Information Systems Management, 3 units
 - CIS 4720 Data Base Management Systems, 3 units
 - CIS 4740 Advanced Data Base Management Systems, 3 units
 - CIS 4770 Systems Analysis and Design, 3 units
 - CIS 4780 Computer Information Systems Design, 3 units
 - CIS 4820 E-Business Site Development, 3 units
 - CIS 4800 Network Administration, 3 units

New Courses:

CIS 2020 Visual Basic Programming (3 units).

Introduction to Visual Basic programming for business applications. The course covers principles of object oriented, interactive, and file maintenance programming. Several business application programs will be written. Corequisite: CIS 2022. Prerequisite: CIS 2000. (Lecture, 2 hours; laboratory, 2 hours)

CIS 2030 C++ Java Programming (3 units).

Introduction to computer programming in Java for business information systems. Principles of structured, object, and visual oriented programming with emphasis on development of systems of interactive programs for data entry and data validation, file management, and reporting. Corequisite: CIS 2032. Prerequisite: Computer literacy course such as CIS 2000. (Lecture, 2 hours; laboratory, 2 hours)

Course Number Change:

CIS 3010 Advanced COBOL Programming (3 units).

(Formerly *CIS 3011*) A continuation of CIS 2010. This course will place emphasis on advanced programming methods and techniques in COBOL. Students will become knowledgeable in file creation, data retrieval, report formatting, data sorting, table structures, advanced debugging tools, in conjunction with features of COBOL Reportwriter software. Field trips may be required for on-site exposure. Corequisite: CIS 3012. Prerequisite: CIS 2010. (Lecture, 2 hours; laboratory, 2 hours)

Course Number, Title, and Description Change:***CIS 3020 Advanced Visual Basic Programming (3units).***

(Formerly *CIS 3730 Structured Programming*) A continuation of CIS 2020. This course will place emphasis on advanced programming methods and techniques in Visual Basic. Corequisite: CIS 3022 (Formerly CIS 3732). Prerequisite: CIS 2020 (Lecture, 2 hours; laboratory, 2 hours)

New Courses:***CIS 3030 Advanced C++ Java Programming (3units).***

Solving business problems using various computer programming techniques. Students will be introduced by example to top-down designing of programs, modular programming techniques, principles of structured, visual, and object oriented programming (OOP) using the Chief Programmer approach to program development. Programming will be done in C and C++, with examples of visual proto-typing programs for Windows. Prerequisite: Programming I (such as CIS 2030).

CIS 3800 Web-Based Information Retrieval and Analysis (3 units).

How to locate and use information effectively for research and personal productivity. Specification of information requirements, effective information search and retrieval methodologies, modeling, and data analysis. Corequisite: CIS 3802. Prerequisites: CIS 2000 or CS 2000 or CS 4000 and upper-division standing.

CIS 4100 Systems Administration (3 units).

The course will cover memory management, processor management, device management, and information management functions. Operation systems such as UNIX, Windows NT, and Windows 2000 will be used as examples. Corequisite: CIS 4102. Prerequisites: CIS 2700 and 3010 or CIS 3020 or CIS 3030. (Lecture, 2 hours; laboratory, 2 hours)

Course Prerequisite Change:***CIS 4750 Decision Support Systems (3 units).***

The design and implementation of computer-based decision support systems. Emphasis will be placed on Graphical User Interfaces, Relational Data Models, Expert Systems and Modeling techniques including the use of Genetic Algorithms to solve business problems. Corequisite: CIS 4752. Prerequisites: CIS 2700 and CIS 3010 or CIS 3020 or CIS 3030 and OM 3020. (Lecture, 2 hours; activity, 2 hours) (Spring)

Course Title and Prerequisite Changes:***CIS 4800 Network Administration (3 units).***

(Formerly *Business Data Communications*) Data communications in a business environment: Media and hardware; data link protocols; networking, including Local Area Networks; distributed databases; technical and managerial issues; preparing and implementing a communications plan. Hands-on projects, field trips, and case studies. Corequisite: CIS 4803. Prerequisite: CIS 4100. (Lecture, 2 hours; activity, 2 hours)

New Course:***CIS 4820 E-Business Site Development (3 units).***

Design and development of Internet/Intranet/Extranet e-Business web sites. Topics include active site development, advanced web page authoring, web servers, and multimedia streaming. Corequisite: CIS 4720. Prerequisite: CIS 4823. (Lecture, 2 hours; activity, 2 hours)

Course Number, Title, and Prerequisite Change:***CIS 4900 Application Development Project (3units).***

(Formerly *CIS 4790 Applied Software Development Project*) Application of computer programming and system development concepts, principles, and practices to a real world comprehensive systems development project. Student teams will work for a regional firm to analyze, design, document, and implement realistic systems of moderate complexity. Use of appropriate project management methods (scheduling and control) in the solution of a real problem. This is an integrative experience intended as the capstone of the major. Prerequisites: CIS 4770 and CIS 4800.

College of Education

Office: Demergasso-Bava Hall 301
(209) 667-3145

Dean Irma Guzman Wagner

Advanced Studies in Education

Administration: Preliminary Services Credential

Course Title, Unit, Description, and Prerequisite Change:

EDAD 5810 Curriculum Planning, Supervision, and Work Experience Project (5 units).

Procedures for curriculum development and implementation; curriculum movements and trends as related to modern practices; related principles of human growth and development; community involvement and proper resource utilization in curriculum development; multicultural education; supervision and evaluation of instruction; techniques of staff development; diagnosis and improvement of instruction; evaluation of pupil achievement; roles of staff, pupils, parents, and community in curriculum development. Work experience projects in the field are required so that students can directly apply theory to practice. Joint mentoring by district and university personnel. Prerequisite: Consent of instructor and/or formal admission to Preliminary Administrative Services Credential Program.

Course Deletion:

EDAD 5811 Field Work: Curriculum Planning and Supervision (1 unit).

Course content incorporated into EDAD 5810. See description above.

Course Title, Unit, Description, and Prerequisite Change:

EDAD 5820 Educational Leadership, Personnel Management, and Work Experience Project (5 units).

Concepts of leadership; administrators and group processes; self-evaluation; human relations; professional ethics; decision making processes and techniques; concepts and procedures related to development of school climate for effective learning; short-term and long-range planning; concepts and principles of personnel management; affirmative action; recruitment, selection, assignment of personnel; dismissal of staff members; principles of supervision and evaluation of certificated and classified staff; personnel relations, including collective bargaining. Work experience projects in the field are required so that students can directly apply theory to practice. Joint mentoring by district and university personnel. Prerequisite: Consent of instructor and/or formal admission to Preliminary Administrative Services Credential Program.

Course Deletion:

EDAD 5821 Field Work: Educational Leadership and Personnel Management (1 unit).

Course content incorporated into EDAD 5820. See description above.

Course Title, Unit, Description, and Prerequisite Change:

EDAD 5830 Principalship, School Management, and Work Experience Project (5 units).

Responsibilities of the principalship as related to establishing and maintaining effective schools; organizational relationships in elementary and secondary schools, problems and procedures; the principal and school control; school level certificated, classified, and pupil personnel administration; student guidance services; community relationships; developing and implementing goals at the school level; administration of special education, mainstreaming; management of office and plant including use of computer technology; communications; conflict resolution; and management of personal stress. Work experience projects in the field are required so that students can directly apply theory to practice. Joint mentoring by district and university personnel. Consent of instructor and/or formal admission to Preliminary Administrative Credential Program.

Course Deletion:

EDAD 5831 Field Work: Principalship and School Management (1 unit).

Course content incorporated into EDAD 5830. See description above.

Course Title, Unit, Description, and Prerequisite Change:

EDAD 5850 School Governance, Politics, Community Relations, and Work Experience Project (5 units).

To assist the emerging administrator in development of a realistic perspective on the real world of the public schools; interaction with community forces; political agencies; news media; community power groups; minority groups; teacher organizations; parent groups; school-site councils; school boards and policy; district administrators and policy implementation; emerging social groups and related influences; political dynamics of school faculties; cosmopolitans and locals in school-site politics; structuring and maintaining leadership images. Work experience projects in the field are required so that students can

directly apply theory to practice. Joint mentoring by district and university personnel. Prerequisite: Consent of instructor and/or formal admission to Preliminary Administrative Credential Program.

Course Deletion:

EDAD 5851 Field Work: School Governance, Politics, and Community Relations (1 unit).

Course content incorporated into EDAD 5850. See description above.

Educational Technology

Note: Please check with the Program Coordinator regarding courses to take for the Preliminary or Clear Credential.

New Courses:

EDIT 4600 Technology in Instruction (1 unit).

This course is designed to acquaint students with a variety of technology-based resources for students and teachers. Prerequisite: CS 2000 or equivalent. Lab fee will be assessed.

EDIT 4650 Technology Integration Practices (2 units).

This course, taken concurrently with student teaching or interning, is an examination and development of strategies for integrating technology into school curriculum. The course will focus on classroom applications of tool and content software, as well as in helping to develop a basic understanding of computers and other technologies. It will also address the implications of technologies on schools, students, and teachers. Prerequisite: EDIT 4600.

Course Title and Description Change:

EDIT 4710 Advanced Technology Integration Strategies (3 units).

(Formerly *Educational Software: Integration Strategies*) The course is a study of software evaluation methods, teaching strategies, and assessment techniques for utilizing technology effectively in K-12 curriculum. The course will also explore the development of curriculum for diverse learners in which technology is integrated. Prerequisites: EDIT 4600 and EDIT 4650 or EDIT 4730 or equivalent.

Special Education

Course Title, Units, and Description Change:

EDSE 4110 Reading and Language Arts in General Education (2 units).

(Formerly *Reading and Language Arts in General and Special Education*) This course is designed to introduce candidates in the special education credential program to materials and methods in general education, grades K-6. This course must be taken concurrently with EDSE 4210.

New Course:

EDSE 4210 Reading and Language Arts in Special Education (3 units).

This course is designed to provide students with the knowledge and skills to develop, implement, and modify the reading and language arts instruction for students with mild, moderate, and severe disabilities.

EDSE 4750 Applied Behavior Analysis in the Classroom (3 units).

(Same as PSYC 4750) Application of learning principles to educational and behavioral problems of individuals, enabling the student to design and implement programs for special education populations. Gives the student skills in program management and evaluation.

Program Revision:

The Professional Level II Education Specialist Credential: Mild/Moderate Disabilities and Moderate/Severe Disabilities

Professional Level II preparation is intended to enable new teachers to apply their Preliminary Level I preparation to the demands of professional positions while fostering advanced skills and knowledge. The Professional Level II Education Specialist Credential Programs in Mild/Moderate Disabilities and Moderate/Severe Disabilities include academic requirements, an individualized induction plan, and an option allowing some requirements to be met with non-university activities. In addition to meeting the regular standards for admission to graduate study at CSU Stanislaus, students applying to the Professional Level II Education Specialist Credential Program must submit proof of a valid Preliminary Level I Education Specialist Credential, and a GPA of at least 3.0 in the last 60 units of college/university work. Applicants must be able to verify full-time employment in a position requiring the Preliminary Level I Education Specialist Credential.

Requirements (17 units or equivalent)

- Complete the following core courses:
 - EDSE 5200 Reflective Thinking and Induction Seminar, 1 unit (*This course is repeated two times for a total of 2 units)
 - EDSE 5220 Advanced Studies in Positive Behavior Support, 3 units
 - EDSE 5230 Advanced Studies in Curriculum, Assessment, and Program Planning, 3 units
- Complete the appropriate specialized course:
 - EDSE 5440 Advanced Seminar in Teaching Students with Moderate/Severe Disabilities, 3 units
 - EDSE 5450 Advanced Seminar in Teaching Students with Mild/Moderate Disabilities, 3 units, **or**
- Elective options for the Professional Credential Induction Plan (6 units total)*
 - EDSE 5947 Fieldwork: Mild/Moderate Disabilities, 3 units (May be repeated for a total of 6 units)
 - EDSE 5948 Fieldwork: Moderate/Severe Disabilities, 3 units (May be repeated for a total of 6 units)
 - Advanced level course work in the candidate's area of specific emphasis (6 units); may include up to 3 units of approved non-university activities)

*All options must be pre-approved in writing by the program faculty and specified on the Professional Credential Induction Plan.

Physical Education and Health

Change in Requirements:

Bachelor of Arts, Physical Education

Under Item 2 of the Bachelor of Arts, Physical Education requirements, completion of prerequisites equal 13 units.

Change to the Major:

Under Group 2, HLTH 4200 and HLTH 4210 have been removed.

Change to the Physical Education Concentration in Athletic Training:

The Concentration (46-47 units)

This option prepares the student to seek certification in Athletic Training from the National Athletic Training Association.

1. Complete the following courses (27 units):
 - PHED 3100 Foundations, History, and Philosophy of Physical Education, 3 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 4300 Measurement and Evaluation in Physical Education, 3 units
 - PHED 4400 Kinesiology, 3 units
 - PHED 4500 Physiology of Exercise, 3 units
 - PHED 4800 Adapted Physical Education, 3 units
2. Complete the following courses (19-20 units):
 - HLTH 3500 Drugs and the Athletic Environment, 2 units
 - HLTH 3000 Prevention and Care of Athletic Injuries, 3 units
 - HLTH 3030 Cardiovascular Health, Fitness, and Exercise, 3 units
 - HLTH 3100 Foods and Nutrition, 3 units
 - HLTH 3300 Advanced Prevention and Care of Athletic Injuries, 3 units
 - PHED 3800 Sport Psychology, 4 units
 - PHED 4940 Fieldwork or Practicum in Physical Education, 1-2 units

Change to Bachelor of Arts, Physical Education, Single Subject Matter Preparation Program Requirements:

Under group 3a, PHED 3240 has been changed to PHED 3340 Theory and Analysis of Gymnastics, 2 units.

Under group 3b, PHED 3260 Theory of Strength and Conditioning, 2 units has been added.

Change to Activity Course Description Listing:

Under Fitness and Conditioning, PHED 1130 title has been changed from Weight Training to Lifetime Fitness Activities.

Teacher Education

Reading

New Courses:

EDRG 4250 Reading Instruction in the Intermediate Grades (3 units).

This course places an emphasis on "reading to learn," particularly reading comprehension and study skills, vocabulary development, individualized instruction, reading in content areas, and literature study. Prerequisites: EDRG 3250, 3251, 3470, or EDMC 4110 and consent of education adviser.

EDRG 5920 Advanced Practicum in Reading and Language Arts (3 units).

Students in this course will complete an advanced supervised practicum in reading and language arts which will include a diagnostic prescriptive assessment, intervention plan, and supervision component. Prerequisites: Courses for the Reading Certificate including EDRG 5910 and consent of instructor.

Program Revision:

Single Subject Credential Program

Coordinator: Melissa Aronson

Note: There are no "catalog rights" in credential programs. Requirements, subject to changes, are set by the California Commission on Teacher Credentialing, the California State University, and by CSU Stanislaus. Students must meet the present requirements for the credential. For present requirements, consult the "Single Subject Credential Program Overview and Application Packet" which is available in Demergasso-Bava Hall Room 330 on the Turlock campus and at the CSU Stanislaus-Stockton campus. This packet is also available on-line at www.csustan.edu/TeacherEd/SSCP/

The following credential options may be completed through the Single Subject Credential Program:

- Preliminary Single Subject : Non-emphasis
- Preliminary Single Subject : Crosscultural, Language and Academic Development (CLAD) Emphasis
- Preliminary Single Subject : Bilingual Crosscultural, Language and Academic Development (BCLAD) Spanish Emphasis
- Single Subject Internship: Non-emphasis
- Professional Clear Single Subject Credential: Non-emphasis, CLAD, or BCLAD

Single Subject Credential Non-emphasis, CLAD, and BCLAD Programs

Requirements common to all of the above programs are as follows:

Admission Requirements

1. Obtain an application packet for admission to the Single Subject Credential Program (SSCP). (See above under Note.) The application folder must be completed

and submitted early in the semester preceding admission to the program. See application packet for specific date.

2. The minimum grade point average required for admission is 2.75 overall at the time of application. Requests for exceptions to GPA criteria must be made in writing to the SSCP Selection and Review Committee. See application packet for details. A 3.0 GPA must be maintained in credential program courses with no grade lower than a "C."
3. Students must have applied to take the state basic skills proficiency examination (CBEST) before applying for admission.
4. Students must submit a Certificate of Clearance form when they apply for the program. Copies of the form are available in the Credentials Office.
5. The student is admitted to the program for a specific initial enrollment term. A written request for a leave of absence is required to postpone entry. Such a request should be directed to the SSCP Selection and Review Committee. The request must be approved by the committee. Failure to comply will result in the student's withdrawal from the program.
6. Courses which are more than five years old generally will not be accepted to fill professional program requirements.

Academic Requirements

1. Complete one of the following single subject matter preparation programs or earn a passing score on the California Commission on Teacher Credentialing (CCTC)-approved examinations as required. Obtain subject matter preparation program advisement from the appropriate academic department listed as follows:

Subject Matter Preparation Program	Academic Department
Art	Art
English	English
Spanish	Modern Languages
Mathematics	Mathematics
Music	Music
Physical Education	Physical Education
Science	Biology, Chemistry, Physics, Geology
Social Science	Social Science

Note: The University does not offer subject matter preparation programs in agriculture, business, health, home economics, industrial arts, or, except for Spanish, other languages other than English, but students who have completed approved subject matter preparation programs elsewhere or passed the CCTC-approved exams in these subjects may apply to the program.

2. Complete the Graduation Writing Requirement, or a verified score of 41 on the writing portion of CBEST.

3. Complete PSCI 1201 or an equivalent course which fulfills the US Constitution requirement to qualify for a teaching credential.

Professional Programs

The Single Subject Credential Programs are field-centered and performance-based. They integrate theory and practice by providing ongoing experiences within public school settings which focus on the attainment of the knowledge and skills characteristic of effective teaching. Students participate daily in the field experiences and the concomitant course work for the duration of the academic year-long programs.

Single Subject Credential Program:

Non-emphasis

In addition to the common requirements stated above, additional requirements are the following:

Pre-Professional Program Requirements:

Non-emphasis

1. Complete EDUC 3500 - Early Field Experience or EDUC 4200 Diversity in the Classroom or an equivalent course as approved by the coordinator. Requirement must be completed prior to starting the program.
2. Complete PSYC 3240 or CDEV 3240 Human Development II: Adolescence or an equivalent course approved by the coordinator. Requirement must be completed in order for the student to be recommended for the credential.

Professional Program Course Requirements

- EDRG 3470 Reading Instruction in the Secondary School, 3 units
- EDSS 4150 Effective Teaching in the Secondary School I, 2 units
- EDSS 4160 Effective Teaching in the Secondary School II, 4 units
- EDSS 4170 Effective Teaching in the Secondary School III, 2 units
- EDSS 4180 Single Subject Instruction I, 2 units
- EDSS 4190 Single Subject Instruction II, 2 units
- EDSS 4850 Field Practicum: Secondary Education I, 6 units
- EDSS 4855 Field Practicum: Secondary Education II, 6 units

Single Subject Credential CLAD/BCLAD Emphasis Programs

In addition to the common SSCP requirements, additional requirements for the CLAD/BCLAD are the following:

Pre-Professional Program Requirements:

CLAD/BCLAD Emphasis

1. Complete EDUC 4200 Diversity in the Classroom or an equivalent course approved by the coordinator. Requirement must be completed prior to starting the program.
2. Complete PSYC 3240 Human Development II: Adolescence or an equivalent course approved by the coordinator. Requirement must be completed in order for the student to be recommended for the credential.
3. Complete EDUC 4430 Cross-Cultural Techniques for Teachers or an equivalent course approved by the coordinator.
4. Complete Upper Division General Education multicultural requirement with one of the following courses: ETHS 4200 or ETHS/WMST 4350 or SOCL 3250 or SOCL 4010 or COMM 4160 or an equivalent upper division course taken at another institution approved by the coordinator.
5. Second Language Experience (CLAD): Satisfactory completion of six units of college course work in one language other than English is required. Students with previous second language experience should consult the CLAD Second Language Requirement Information sheet in the Department of Teacher Education Office or Credential Processing Center to determine whether they are eligible to challenge this requirement.
6. Second Language Proficiency (BCLAD): Satisfactory completion of entry and exit Spanish language proficiency criteria is required. See the coordinator for further information.

Additionally, for BCLAD candidates only, one of the following courses:

ETHS 2100, ETHS 4000, HIST 4500, HIST 4510, **or** HIST 4710, **or** an equivalent course taken at another institution approved by the coordinator.

**Professional Program Course Requirements:
CLAD and BCLAD**

- EDSC 4100 Secondary Education I, 4 units
- EDSC 4300 Secondary Education II, 4 units
- EDSC 4400 Secondary Education III, 4 units
- EDSC 4115 Reading and Writing in the Secondary Content Area, 5 units, CLAD
- EDSB 4115 Reading and Writing in the Secondary Content Area, 5 units, BCLAD
- EDSC 4500 Secondary Education in a Global Society, 3 units
- EDSC 4850 Secondary Education Field Practicum I, 3 units
- EDSC 4855 Secondary Education Field Practicum II, 3 units

**Single Subject Credential Internship Program:
Non-emphasis**

In addition to the common SSCP Admission and Academic Requirements, all of which must be completed prior to starting the Internship Program, additional requirements to begin the Internship Program are the following:

**Pre-Professional Program Requirements:
Internship Non-emphasis**

1. Possession of a baccalaureate degree from a regionally accredited institution of higher education.
2. Completion of PSYC 3240 or CDEV 3240 Human Development II: Adolescence or an equivalent course approved by the coordinator.
3. Passage of the California Basic Educational Skills Test (CBEST).
4. Complete EDUC 3500 - Early Field Experience or EDUC 4200 Diversity in the Classroom or an equivalent course as approved by the coordinator.
5. Successful completion of prerequisite field experience or evidence of teaching experience at the appropriate grade level(s) as verified by letters from school(s)/previous employers.
6. Verification of employment from a public school district or county office of education.

NOTE: Internship applicants must be eligible for the Internship Credential in order to begin the Internship Program.

**Professional Program Course Requirements:
Internship Non-emphasis**

- EDRG 3470 Reading Instruction in the Secondary School, 3 units
- EDSS 4150 Effective Teaching in the Secondary School I, 2 units
- EDSS 4160 Effective Teaching in the Secondary School II, 4 units
- EDSS 4170 Effective Teaching in the Secondary School III, 2 units
- EDSS 4180 Single Subject Instruction I, 2 units
- EDSS 4190 Single Subject Instruction II, 2 units
- EDSS 4850 Field Practicum: Secondary Education I, 6 units
- EDSS 4855 Field Practicum: Secondary Education II, 6 units

**Professional Clear Single Subject Credential:
Non-emphasis, CLAD, or BCLAD**

Adviser: Melissa Aronson

Requirements (30 units)

1. To be recommended for a professional clear credential, the applicant must complete a 30-unit approved program of postbaccalaureate upper-division/graduate course work with a minimum GPA of 3.00, including at least 18 units of resident course work preferred of which 12 units relate to single subject teaching. The 30-unit program must be planned with and approved by the single subject clear credential adviser. An applicant is urged to consider course work which applies toward the CLAD Certificate (if not holding a CLAD or BCLAD preliminary credential) and/or an advanced credential and/or an M.A. degree program. However, such a plan requires consultation with the appropriate certificate/advanced credential/M.A. area coordinator.
2. The following courses are required of all applicants to obtain a clear credential:
 - EDIT 4730 Microcomputers, Curriculum, and Instruction, 3 units
 - EDSE 4130 Special Education Strategies for the Classroom Teacher, 3 units
 - HLTH 4210 Secondary School Health and Safety, 3 units
3. Verification of having met the CPR requirement through course work or the appropriate current CPR card.
4. Courses which are more than seven years old generally will not be accepted to fill professional clear credential requirements.

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