



1991-93 GENERAL CATALOG



California State University, Los Angeles

PRESIDENT'S MESSAGE

Welcome to Cal State L.A.!

As we rapidly approach the 21st century, our opportunities to learn, to expand our knowledge, and to master a successful tomorrow are greater than ever before. Since its founding in 1947, more than 120,000 students have been graduated from Cal State L.A. and are making positive contributions at many levels in our society. This general catalog will introduce you to the rich and varied learning and social experiences available to you at Cal State L.A.

Our faculty—many of whom have international reputations for their research and creative and scholarly efforts—are dedicated to developing the potential of each student. And our comparatively small classes help facilitate ongoing student-faculty interaction and open vistas to a world of imposing challenges and responsibilities.

Intellectual and cultural activities of regional, national, and international interest occur on campus almost daily. Student and faculty performances, displays, exhibitions, research projects, and competitive scientific entries regularly receive national recognition.

The University has entered into partnership arrangements with area corporations, public agencies, and cultural centers to enrich our educational program, add practical applications, and build stronger career paths. Our campus is among the leaders among California State University campuses in advancing information systems and providing training for students in advanced computer technology.

Our innovative on-campus student housing accommodates more than 1,000 students, and we continue to dedicate our resources to providing a stimulating, advanced, and supportive environment for the encouragement of learning. We maintain that the most important aspect of our academic tradition—a solid foundation in the critical skills of thinking, communicating, and problem-solving—must be preserved unchanged. That foundation, after all, is crucial to every other endeavor.

I look forward to your participation in the Cal State L.A. community, wish you well with your studies, and encourage you to experience the joy of discovery and the development of a lifelong commitment to learning. If you are willing, Cal State L.A. stands ready to help you reach your goals.



A handwritten signature in dark ink that reads "James M. Rosser". The signature is fluid and cursive, with a long horizontal stroke at the end.

James M. Rosser
President

GENERAL CATALOG

1991 - 1993



California State University, Los Angeles

5151 State University Drive
Los Angeles, California 90032

\$4.75

THE GENERAL CATALOG

The University's *General Catalog* is prepared in the Office of Public Affairs with Linda Trevillian, Publications Manager, serving as editor and coordinating the production of the catalog. Special acknowledgement is due the following for their contribution: Creative Media Services, for cover artwork and photographs; Lac Rios, Reprographics, for design and typesetting of title pages, calendars, tables, and grids; and Fred Relyea, Office of State Printing, for supervision of planning and printing operations. Information contained in this issue is revised to June 24, 1991.

The catalog may be purchased in person or ordered by mail from the University Square bookstore. The price, established under regulations of the Board of Trustees of the California State University, is stated on page 1. To order by mail, send check or money order with request to: California State University, Los Angeles, Attention: University Square Bookstore, 5153 State University Drive, Los Angeles, CA 90032-8734. Residents of California should include \$7 book rate or \$8.50 first class mail to cover the purchase price plus state sales tax and shipping and handling charges. Those in Alaska, Hawaii, Canada, and Mexico should include \$9.75, and in all other countries, \$18.

Familiarity with the institution's rules and regulations published in this catalog shall be the responsibility of each student and faculty member, and of those administrative offices concerned with academic matters.

Changes in Rules and Policies

Although every effort has been made to ensure the accuracy of the information in this catalog, students and others who use the catalog should note that laws, rules, and policies change from time to time and that these changes may alter the information contained in this publication. Changes may come in the form of statutes enacted by the legislature, or rules and policies adopted by the Board of Trustees of the California State University, by the chancellor or designee of the California State University, or by the president or designee of the institution. Further, it is not possible in a publication of this size to include all of the rules, policies, and other information that pertain to the students, the institution, and the California State University. More current or complete information may be obtained from the appropriate department, division, school, or administrative office, or in the *Schedule of Classes*.

Nothing in this catalog shall be construed, operate as, or have the effect of an abridgement or a limitation of any rights, powers, or privileges of the Board of Trustees of the California State University, the chancellor of the California State University, or the president of the campus. The trustees, the chancellor, and the president are authorized by law to adopt, amend, or repeal rules and policies that apply to students.

This catalog does not constitute a contract or the terms and conditions of a contract between the student and the institution or the California State University. The relationship of the student to the institution is one governed by statute, rules, and policy adopted by the legislature, the trustees, and the chancellor, the president, and their duly authorized designees.

Nondiscrimination Policy

California State University, Los Angeles affirms its commitment to equality of opportunity for all individuals. This commitment requires that no discrimination shall occur regarding admission or access to, or treatment or employment in, any program or activity of the university, on the basis of race, color, religion, sex, sexual orientation, national origin, age, marital status, pregnancy, disability, disabled veteran's or Vietnam Era veteran's status, or any other classification that precludes a person from consideration as an individual. This policy is in accord with Title IX of the Education Amendments of 1972, as amended, section 504 of the Rehabilitation Act of 1973, as amended, and related administrative regulations and executive orders.

Inquiries concerning the application of Title IX, sections 5503 and 504, and other nondiscrimination laws may be referred to Charon D'Aiello, Affirmative Action Program Director, phone (213) 343-3040, the campus officer assigned the administrative responsibility for reviewing such matters. Title IX inquiries may also be directed to the regional director of the Office for Civil Rights, Region 9, 50 United Nations Plaza, Room 239, San Francisco, CA 94102, phone (415) 556-7000.

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Campus Map	Inside back cover

CALENDAR

1991

Dates in bold type are class days

Boxed dates are holidays (campus closed)

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

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

1992

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

MAY							JUNE							JULY							AUGUST						
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3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
24	25	26	27	28	29	30	28	29	30	26	27	28	29	30	31	23	24	25	26	27	28	29	30	31			

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

1993

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

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

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

ACADEMIC CALENDAR

SUMMER QUARTER 1991

June 24 (Monday) Summer quarter classes begin
July 4 Independence Day; campus closed
September 2 Labor Day; campus closed
September 3-7 Final examinations
September 9-25 Student recess

FALL QUARTER 1991

September 26 (Thursday) Fall quarter classes begin
October 12 Columbus Day; campus open
November 11 Veterans' Day; campus open
November 28-30 Thanksgiving holidays; campus closed
December 9-14 Final examinations
December 16-January 4 Student recess
December 23-28 Winter holidays; campus closed

WINTER QUARTER 1992

January 1 New Year's Day; campus closed
January 6 (Monday) Winter quarter classes begin
January 20 Martin Luther King Jr.'s
birthday observed; campus closed
February 12 Lincoln's birthday; campus open
February 14 Presidents' Day observed; campus closed
February 22 Washington's birthday; campus open
March 16-21 Final examinations
March 23-28 Student recess

SPRING QUARTER 1992

March 30 (Monday) Spring quarter classes begin
April 24 Honors Convocation; all-University event
May 25 Memorial Day observed; campus closed
June 8-13 Final examinations
June 13 Commencement; all-University event
June 15-20 Student recess

SUMMER QUARTER 1992

June 22 (Monday) Summer quarter classes begin
July 3, 4 Independence Day observed; campus closed
August 31-September 5 Final examinations
September 7 Labor Day; campus closed
September 8-23 Student recess

FALL QUARTER 1992

September 24 (Thursday) Fall quarter classes begin
October 12 Columbus Day; campus open
November 11 Veterans' Day; campus open
November 26-28 Thanksgiving holidays; campus closed
December 7-12 Final examinations
December 14-January 2 Student recess
December 21-26 Winter holidays; campus closed

WINTER QUARTER 1993

January 1, 2 New Year's Day observed; campus closed
January 4 (Monday) Winter quarter classes begin
January 18 Martin Luther King, Jr.'s
birthday observed; campus closed
February 12 Lincoln's birthday; campus open
February 19 Presidents' Day observed; campus closed
February 22 Washington's birthday; campus open
March 15-20 Final examinations
March 22-27 Student recess

SPRING QUARTER 1993

March 29 (Monday) Spring quarter classes begin
April 23 Honors Convocation; all-University event
May 31 Memorial Day observed; campus closed
June 7-12 Final examinations
June 12 Commencement; all-University event
June 14-19 Student recess

SUMMER QUARTER 1993

June 21 (Monday) Summer quarter classes begin
July 4, 5 Independence Day observed; campus closed
August 30-September 4 Final examinations
September 6 Labor Day; campus closed
September 7-22 Student recess

FALL QUARTER 1993

September 23 (Thursday) Fall quarter classes begin
October 12 Columbus Day; campus open
November 11 Veterans' Day; campus open
November 25-27 Thanksgiving holidays; campus closed
December 6-11 Final examinations
December 13-January 1 Student recess
December 20-25 Winter holidays; campus closed

A more detailed academic calendar appears each quarter in the *Schedule of Classes*.

NOTE: This is not to be construed as an employee work week calendar



DIRECTORY

Division Offices

Officers of Administration

President of the University	James M. Rossar
Affirmative Action Program Director	Charon A. D'Aiello
Director of Alumni Affairs	Judy Lane
Director of Intercollegiate Athletics	Carol M. Dunn
Chair, Athletic Board	Fleur Yano
Director of Public Affairs (Interim)	Nancy N. Davis
Director of University Development (Interim)	Carol J. Numrich

Academic Affairs

Provost and Vice President for Academic Affairs	Mary Elizabeth Shutler
Associate Vice President for Academic Affairs—Faculty and Administration	Margaret J. Hartman
Associate Vice President for Academic Affairs—Planning and Resources	William A. Taylor
Registrar	Joan V. Woosley
Dean of Graduate Studies and Research	Theodore J. Crovello
Associate Dean	Costello L. Brown
Director of Research and Sponsored Programs	Susan G. Steiner
Dean of Undergraduate Studies	Alfredo G. Gonzalez
Associate Dean	Virginia Hunter
Coordinator, Academic Advisement and Information Center	William K. Schatz
Director, Learning Resource Center	Janet Tricamo
Director, Testing Office	Frances A. Crawford
Director, University Writing Center (Acting)	John Edlund
Dean, School of Arts and Letters	Bobby R. Patton
Dean, School of Business and Economics	Charles J. Inacker
Dean, School of Education	Allen A. Mori
Dean, School of Engineering and Technology	Raymond B. Landis
Dean, School of Health and Human Services	Ruth R. Wu
Dean, School of Natural and Social Sciences	Donald O. Dewey
Dean of Continuing Education	Dawn M. Patterson
Conferences and Professional Development Workshops Coordinator	Cleda Givens
Director of Extension and Special Sessions	Frances Chiles
Director of American Culture and Language Program (ACLPL)	Sally Gardner
Director, Instructional Television Fixed Services (ITFS)	Rod Jensen
University Librarian	JoAn D. Kunselman

Information Resources Management

Vice President for Information Resources Management	James I. Penrod
Strategic Planning Administrator	Michael Dolence
Assistant Vice President for Academic Information Services	Desdemona Cardoza
Director, Analytical Studies and Data Administration	Lawrence Jordan
Research Associate, Analytical Studies	Vivien Ko

Director, Academic Technology Support	Donald Carder
Assistant Director	Nancy Kudo-Hombo
Manager, Instructional Computing Support Lab	Jesse Kaufman
Manager, Instructional Technology Center	Robert Pellant
Director, Creative Media Services	David McNutt
Manager, Television Production	Robert Sherwood
Assistant Vice President for Operations	Peter Quan
Manager, Computer Operations	Gail Riklin
Director, Telecommunications	Bev Mitchum
Director, Administrative Information Support	Ronald A. Witte
Data Base Administrator	Thomas A. Huber
Special Projects Administrator	Ronald Gibson
Administrative Systems Project Manager	Eleanor Kurtus

Operations

Vice President for Operations	Alex J. Carter
Director of Facilities Operations	Richard Paoff
Assistant Director for Physical Plant	David Paschal
Assistant Director for Plant Operations	Harry Delkeskamp
Director, University Auxiliary Services, Inc.	Walter C. Miller
Grants Administrator	Chet Moy
Personnel Director	Britta Wilson
University Dining Services Manager	Brett E. Roth
University Square Bookstore Manager	Katherine Rembold
Assistant Vice President for Operations	Constance D. Kelley
Associate Director of Budget and Fiscal Management	Robert Furukawa
Director of Accounting and Financial Management	Jacqueline Avery
Director of Procurement and Support Services	Lillian Colores
Director, Human Resource Management	Art Flores
Director of Public Safety	Gerald Lipson

Student Affairs

Vice President for Student Affairs	George D. Taylor
Assistant to the Vice President	Patricia W. Brown
Director, Admissions	Kevin M. Browne
Director, Center for Student Financial Services	Vincent DeAnda
Director, School and College Relations and Preadmission Counseling	George O. Bachmann
Director, Student Affirmative Action	Tomás Vásquez
Director, University-Student Union	Debra Hammond
Associate Vice President for Student Advocacy/Dean of Students	(vacant)
Student Advocacy	(vacant)
Director, Center for Career Planning and Placement	Clemencia de Leon
Director, Center for Student Life	George Umezawa
Coordinator, EPIC	Jorge Uranga
Coordinator, New Student Orientation/Leadership Training	Mary E. Kacmarcik

Student Affairs (continued)

Coordinator, Women's Resource Center	Virginia M. Cooper
Director, Housing Services and Residence Life	S. Roger Fricchetta
Assistant Director	Denzil Suite
Director, International Student Services	Michael D. Fels
Director, Student Health Center	Connie A. Diggs
Chief Staff Physician	Steven A. Harris, M.D.
Coordinator, Counseling Services	Ralph W. Dawson
Assistant Vice President for Educational Equity Administration	David J. Godoy
Coordinator, Summer Bridge	David J. Godoy
Director, Educational Opportunity Program	David Sandoval
Director, Office for Students with Disabilities	Sam Goodin
Director, Talent Search	Beatriz Encinas

The President's Advisory Board

The President's Advisory Board consists of distinguished community leaders interested in the development and enhancement of the university. The board serves in an advisory capacity, particularly in matters that affect university and community relations. Members are nominated by a committee of the board and appointed by the president.

John R. Attwood (Chair)
Albert A. Thiess, Jr. (Vice Chair)
Lonear W. Heard-Davis
Edison R. Lara, Jr.
Everett G. McDonough, Jr.
M. W. Proudfoot
Chase C. Rhee
Tim Siu, M.D.
Anna Bing Arnold, <i>Honorary Ex Officio</i>
Francis H. Annone, <i>Honorary Ex Officio</i>
Laura Balverde-Sanchez, <i>Ex Officio</i>
Alex J. Carter, <i>Ex Officio</i>
James J. Lehr, <i>Ex Officio</i>
Michael A. Lucki, <i>Ex Officio</i>
Carol J. Numrich, <i>Ex Officio</i>
James I. Penrod, <i>Ex Officio</i>
James M. Rosser, <i>Ex Officio</i>
Mary Elizabeth Shulter, <i>Ex Officio</i>
George D. Taylor, <i>Ex Officio</i>

The Cal State L.A. Alumni Association

The Alumni Association was formed in 1954 to provide official representation of the alumni in matters that affect the general welfare of the university. The association serves as a vital link between the university, its alumni, and the greater Los Angeles community. Its primary purposes are to advance the university's interests, to enhance relationships among alumni, faculty, staff, and students, and to strengthen the contributions of alumni to the campus community. These goals are accomplished through many varied, ongoing activities and programs. Membership is open to all former Cal State L.A. students and those who wish to support the goals of the association.

Alumni Association Board of Directors**Executive Board**

Eva D. Grant '66, '71	President
Michael A. Lucki '78	Past President
Michael A. Lucki '78	President Elect
Ona Jones '71	Vice President for Scholarships
Cynthia A. Joe '74	Vice President for Programs
Ernie C. Byrd '67 '74	Vice President for Development
Larry L. Adamson '74	Vice President for Membership
Philip S. Bartolf '76	Secretary
Lucy M. Carter '78	Treasurer

Directors

Danna B. Campbell '76
Phillip Castruita '68
Arthur Flores '71
Burt Golden '61 '75
Patricia Hawkins '65 '75
Virginia Hunter '71
Judy Lane '89 (Director), <i>Ex Officio</i>
Dolores B. McDavid '67 '76
Robert McMeekin '68 '71
Louis R. Negrete '57
Alice Petrossina '69 '80
Karen S. Shaw '85
Claude D. Van Gorden '65

The Cal State L.A. Foundation

The Cal State L.A. Foundation is the official fund-raising division of Cal State L.A. and was organized in 1985 as a 501(c)3 tax exempt, nonprofit organization for the purpose of accepting charitable contributions to the University. The Foundation Board guides and advises the University administration and professional fund raisers in securing donations of private funds for use in four areas: capital campaigns, scholarships and fellowships, endowed chairs, and educational programming.

Foundation Board of Trustees

James P. Kelly	President
Frank Lynch	Vice President
Susan Wilstein	Secretary
Alex J. Carter	Treasurer
Gary A. Best	
Willard T. Chamberlain	
Harold H. Chuang	
Paul C. Hudson	
Donald A. Murray	
Roy L. Olofson	
Larkin Teasley	
David Wilstein	
John R. Attwood	<i>Ex Officio</i>
James J. Lehr	<i>Ex Officio</i>
Carol J. Numrich	<i>Ex Officio</i>
James M. Rosser	<i>Ex Officio</i>

University, School, and Department/Division Offices

UNIVERSITY OFFICES AND SERVICES

Office/Department or Service	Location	**Phone
Admission and Evaluation	Admin 228	3901
Academic Advisement and Information Center (<i>undecided majors</i>)	Admin 127	3150
Alumni Association	Union 430	4980
Associated Clinics	KH B119	4750
Associated Students	Union 422	4780
Athletics, Intercollegiate	PE 102	3080
Bookstore, University Square	Union	2500
Campus Operator		3000
Career Planning and Placement	Career Center	3270
Cashier's Office	Admin 128	3630
Continuing Education (<i>Extension, Open University</i>)	Lib No 1025	4900
Child Care Center	C. C. Center	2470
Cooperative Education	Lib No Lobby	2667
Counseling (<i>personal</i>)	Health Center	3331
Credential Information	KH D2078	4320
Dean of Students	SA 117	3101
Office for Students with Disabilities	SA 115	3140/(TDD) 3139
Educational Opportunity Program (EOP)	SA 210	4367
Educational Placement	Career Center	3290
Evening Services	SA 117	3110
Financial Services, Student	SA 124	3240
Graduate Studies and Research	Admin 714	3820
Health-Related Programs	Bio Sci 125	2035
Health Sciences Advisement Center (<i>Premedical and other science fields</i>)	Bio Sci 202	2070
Health Services	Health Center	3300
Honors Program, General Education	Lib No Lobby	4960
Housing and Residence Life	Housing Complex	4800
Instructional Computing Laboratories	Libr So 1080	4530
International Student Services	Housing Complex	3170
Learning Resource Center	Lib So 1040A	3969
Legal Information/Referral Service	SA 146	3110
Library (<i>Information</i>)	Lib No first floor	3993
Orientation, New Student	Union 425	3390
Performing Arts Box Office, School of Arts and Letters	Theatre lobby	4118
Police, Campus	Bung C	3700
Records Office	Admin 409	3840
Registration Office	Admin 101	3900
Scholarships	SA 118	3266
School and College Relations and Preadmission Counseling (<i>includes preadmission advisement and campus tours</i>)	SA 123	2752
Student Affirmative Action (SAA)	SA 114	3120
Study Abroad	Housing Complex	3170
Student Programs (<i>Center for Student Life</i>)	Union 425	3390
Tutoring Services	Lib So 1040A	3350
Travel Agency (<i>World Vista</i>)	Union first floor	4999
Testing Office	Lib So 1040C	3160
Undergraduate Studies	Admin 725	3830
Veterans Services	Admin 402	3942
Women's Resource Center	Union 425	3370

** When calling from off campus, dial area code 213, prefix 343, and the four-digit extension; from on campus, dial 3 and the four-digit extension

SCHOOL AND DEPARTMENT/DIVISION/PROGRAM OFFICES

SCHOOL OF ARTS AND LETTERS

Dean	Bobby R. Patton	Mus 229	4000
Associate Dean	Robert D. Reeser	Mus 232	4004

<i>Departments/Programs and Department Chairs/Program Coordinators</i>		<i>Location</i>	<i>Extension</i>
Art	Charles E. Borman	FA 326	4010
Communication Studies	Lesley A. DiMare	Mus 104	4200
English	Carl Selkin	E&T A605	4140
Foreign Languages and Literatures	E. Dale Carter	KH D1054	4230
Liberal Studies (<i>interdisciplinary program</i>)	Eugene R. Fingerhut (<i>Coordinator</i>)	E&T A427	4100
Music	John J. Swain	Music 145	4060
Philosophy	Donald Burrill	E&T A429	4180
Theatre Arts and Dance	Clifford D. Harper	Theatre 110	4110

SCHOOL OF BUSINESS AND ECONOMICS

Dean	Charles J. Inacker	ST F124	2800
Associate Dean (<i>Academic Affairs and Resources</i>)	David P. Dauwalder	ST F124	2800
Associate Dean (<i>Graduate</i>)	M. David Oh	ST F124	2800
Graduate Programs Office		ST F115	2808
Undergraduate Programs Office		Phys Sci 106	2810

<i>Departments/Programs and Department Chairs/Program Coordinators</i>		<i>Location</i>	<i>Extension</i>
Accounting	John Y. Lee	ST F517	2830
Economics and Statistics	Eduardo M. Ochoa	ST F917	2930
Finance and Law	Paul Schnitzel	ST F717	2870
Health Care Management (<i>program</i>)	Paul Washburn (<i>Coordinator</i>)	ST F717	2890
Information Systems	Nandakumar Ganesan	ST F603	2983
Management	John Steiner	ST F717	2890
Marketing	Richard Kao	ST F917	2960
Office Systems and Business Education	Marylynne Knutson	ST F517	2860

SCHOOL OF EDUCATION

Dean	Allen A. Mori	KH D2069	4300
Associate Dean for Instruction and Graduate Studies	C. Lamar Mayer	KH D2070	4303
Graduate Studies Office		KH D2070	4303
Associate Dean for Student Services	Alice V. Watkins	KH D2078	4322
Student Services Office		KH D2078	4320
<i>Divisions and Division Chairs</i>			
Administration and Counseling	R. Carol Sweeney	KH C1065	4250
Curriculum and Instruction	Donald Nielsen	KH C2097	4350
Educational Foundations and Interdivisional Studies	Charles F. Leyba	KH D2098	4330
Special Education	Phillip Chinn	KH C1064	4400

SCHOOL OF ENGINEERING AND TECHNOLOGY

Dean	Raymond B. Landis	E&T A221	4500
Associate Dean	Don Maurizio	E&T A237	4510
Engineering Information Center		E&T A242	4514
Technology Information		E&T A341	4550

<i>Departments and Department Chairs</i>		<i>Location</i>	<i>Phone</i>
Civil Engineering	Raymond I. Jeng	E&T A211	4450
Electrical and Computer Engineering	Martin S. Roden	E&T A317	4470
Mechanical Engineering	Neda Fabris	E&T A205	4490
Technology	Ethan Lipton	E&T A341	4550

SCHOOL AND DEPARTMENT/DIVISION/PROGRAM OFFICES

(continued)

SCHOOL OF HEALTH AND HUMAN SERVICES

Dean	Ruth R. Wu	FA 134	4600
Associate Dean	Karen M. Johnson	FA 132	4602

<i>Departments/Programs and Department Chairs/Program Coordinators</i>		<i>Location</i>	<i>Phone</i>
Child Development (<i>interdisciplinary program</i>)	Ann Bingham-Newman (<i>Coordinator</i>)	E&T A535	4590
Communication Disorders	Betty L. McMicken	KH B106D	4690
Criminal Justice	Howard Earle	KH D1045	4610
Family Studies and Consumer Sciences	Bruce Campbell	FA 238	4630
Health Science	Vicente Zapata	E&T A505	4740
Nursing	Jo Ann Johnson	ST F417	4700
Physical Education and Recreation/Leisure Studies	Jerry Ball	PE 206	4650
Social Work	Shirley Better	KH C4069	4680
Voluntary Youth Agency Administration (<i>certificate program</i>)	Jan Mackay (<i>Coordinator</i>)	Lib No Lobby	4580

SCHOOL OF NATURAL AND SOCIAL SCIENCES

Dean	Donald O. Dewey	KH D1052	2000
Associate Dean	Joseph Bragin	KH D1050	2008

<i>Departments/Programs and Department Chairs/Program Coordinators</i>		<i>Location</i>	<i>Phone</i>
Anthropology	Norman Klein	KH C4068	2440
Biology	Alan Muchlinski	Bio Sci 142	2050
Chemistry and Biochemistry	Carlos Gutierrez	Phys Sci 616	2300
Chicano Studies	Francisco Balderrama	KH C3095	2190
Geography and Urban Analysis	William G. Byron	KH C4067	2220
Geological Sciences	Gary A. Novak	Phys Sci 216	2400
History	Richard D. Burns	KH C4066	2020
Latin American Studies (<i>interdisciplinary program</i>)	Marjorie Bray (<i>Coordinator</i>)	Lib No B552	2180
Mathematics and Computer Science	Marshall Cates	ST F206	2150
Microbiology	Kenneth L. Anderson	Bio Sci 140	2030
Pan-African Studies	Aida Takla O'Reilly	KH C3095	2290
Physical Science (<i>interdisciplinary program</i>)	Robert Carr (<i>Coordinator</i>)	Phys Sci 315	2100
Physics and Astronomy	Fleur Yano	Phys Sci 315	2100
Political Science	Theodore J. Anagnoson	E&T A523	2230
Psychology	Michael L. Wepner	KH C3104	2250
Social Science (<i>interdisciplinary program</i>)	Benjamin Smith (<i>Coordinator</i>)	E&T A523	2230
Sociology	Delos H. Kelly	KH C3093	2200

PREPROFESSIONAL ADVISEMENT

<i>Program Coordinators</i>		<i>Location</i>	<i>Phone</i>
Health-Related Programs	Rosemarie Marshall	Bio Sci 125	2035
(<i>Dean's Office, Health & Human Services</i>)		FA 134	4602
Health Science Programs	Coordinators	Bio Sci 202	2070
(<i>Premedical, pre dental, preveterinary, prepharmacy, etc.</i>)			
Librarianship Programs	School of Education	KH C2098	4330
Prelegal Programs			
Department of Finance and Law	Martha Cattell, Laurence Clark	ST F717	2870
Department of Political Science		E&T A523	2230



THE UNIVERSITY

California State University, Los Angeles, founded in 1947 by action of the California State Legislature, is a comprehensive university that offers programs of higher education in more than 50 academic and professional fields. The University is organized into six schools that house nearly 50 academic departments and divisions. Cal State L.A.'s reputation as a center of learning attracts students from all areas of the United States and from many foreign countries. More than one quarter of the more than 21,000 students are engaged in postbaccalaureate study in programs leading to master's and doctoral degrees, teaching, service, and specialist credentials, certificates, and other types of programs that prepare them for professional advancement.

Located at the eastern edge of Los Angeles and adjacent to western San Gabriel Valley cities of Alhambra and Monterey Park, Cal State L.A. occupies nearly 200 acres on a hilltop site that affords views of the mountains to the north, the San Gabriel Valley to the east, metropolitan Los Angeles to the west, and the Palos Verdes Peninsula and Catalina Island to the south. Ample parking facilities are available, and public transportation to and from campus is excellent. RTD buses provide direct service to more than 35 communities in the San Gabriel Valley and to other nearby Los Angeles communities. The Los Angeles Civic Center, with numerous historical and cultural attractions, is five miles west of the campus. Industrial and business centers and several major shopping centers are located nearby. Popular mountain and desert resorts are within a two-hour drive, and beaches are less than an hour away by car.

The campus is nestled among rolling hills on a site that once housed one of California's 36 original adobes, built in 1776 by Franciscan missionaries and destroyed by fire in 1908. These lands once were part of a Spanish land grant known as the Rancho Rosa Castilla, created by the family of Juan Batista Batz, a Basque rancher from northern Spain who settled here in the 1850s. The inspiration for the name of the rancho, according to local historians, was the wild rose that once grew near the ranch home. The main drive through the campus is known as Paseo Rancho Castilla, in acknowledgement of our historic heritage.

The Campus Setting

The academic character of the University is reflected in the contemporary design of its physical facilities. The general campus is planned in such a way that it will permanently retain a spacious, open atmosphere, created by landscaped plazas and courts integrated with contemporary concrete, brick, and glass buildings. Extensively planted surrounding hillsides and parking areas with a diversity of trees, shrubs, and ground covers further embellish the park-like environment.

From 1947 to 1955 Cal State L.A. was situated on the campus of Los Angeles City College and shared its facilities. In 1956 construction began on the present site and in 1958 ten newly constructed permanent buildings were first occupied. In more recent years the University has gone through another major phase of master plan development that included a new administration building, major additions to several classroom buildings, construction of two new classroom buildings with underground parking structures, relocation and expansion of the Student Health Center, and an ultramodern University-Student Union. Other recently completed

projects include parking facilities for more than 2,700 cars, an excellent, attractively landscaped road access system, the Anna Bing Arnold child care center, and garden style apartments that provide on-campus housing for more than 1,000 students. Future plans call for construction of a visual and performing arts complex at the north end of the campus, a total renovation of the south wing of the Fine Arts building, and the remodeling of more than 12,000 square feet of interior space, in Salazar Hall, for the federally funded Roybal Center for Applied Gerontology. A total of 18 permanent buildings, representing a financial investment by the State of California of more than \$100 million, stand on a plateau that serves as a refreshing oasis in the center of the Los Angeles region.

The Mission of the University

California State University, Los Angeles is an academic community that offers a comprehensive range of liberal and professional programs that prepare students for success in advanced study, in their careers, and throughout their lives. The University is committed to free scholarly inquiry and to academic excellence in undergraduate, graduate, and other postbaccalaureate and continuing education programs. This commitment underlies strong educational programs as well as research, scholarship, and creative and community service activities designed for the needs of a uniquely diverse student body. The excellence of these programs derives from a highly qualified faculty and support staff. These individuals are the keystone of the institution.

The University's primary service area is greater Los Angeles, a metropolitan center with national and international significance that is further enhanced by its location on the Pacific Rim. The University's close proximity to the civic, cultural, multicultural, and economic centers of the greater Los Angeles basin enables it to foster strong cooperative relationships with community, business, educational, cultural, and political institutions.

The University's programs are designed to encourage student excellence and enhanced achievement. The University offers small classes at all levels, ensuring close interaction between faculty and students. Educational programs are designed to foster habits of disciplined inquiry and to develop students' critical abilities to think, read, write, compute, listen, and communicate effectively. Recognizing its commitment to teaching, research, scholarship, and creative activities, the University supports an effective library and the use of new technologies to enhance and enrich the instructional process and prepares students to understand cultural diversity and to serve the changing needs of a global society. Recognizing that true equity transcends equal access, the University provides support services that help a diverse student population to succeed in university study.

The University is committed to providing students with a balanced educational experience that includes cocurricular activities—such as student organizations, campus residence life, artistic events, multicultural events, intercollegiate athletics, and intramural activities—that contribute to personal enrichment.

California State University, Los Angeles is committed to fostering ethical behavior among administrators, faculty, staff, and students. The campus collegial governance structure therefore adheres to the principles of academic freedom and professional ethics consistent with the responsibilities of an academic community.

The Faculty

The reputation Cal State L.A. enjoys as an institution of higher learning is creditable in large measure to the quality of the faculty and their commitment to teaching and scholarship. These men and women have earned their highest degrees from leading universities throughout the world. Their achievements in their academic fields of specialization make them eminently qualified to teach students possessing a variety of academic interests.

The faculty's high regard for scholarship is evinced by its continuing participation in scholarly study and research and creative efforts in the arts, letters, and sciences. Proof of commitment to teaching is found in the fact that senior faculty members regularly teach introductory courses in their disciplines and assume responsibility for academic and career advisement of students majoring in their departmental programs. Close student-faculty ties develop further through campus organizations and in University committees, on which students serve as voting members.

The Quarter System

Cal State L.A. operates year round on the quarter system. Four quarters, each 11 weeks in duration, comprise the academic year. The summer quarter is a regular academic quarter, equal in all respects to the other three quarters. Normal academic progress may be maintained by full-time attendance during any three quarters of each year. In order to serve the needs of full-time, part-time, and working students, classes are scheduled weekdays from 8 a.m. until 10 p.m. and on Saturday mornings.

Accreditation

Since 1954, California State University, Los Angeles has been fully accredited by the Western Association of Schools and Colleges, the agency responsible for granting national accreditation to colleges and universities in the western United States. In the State of California, the University is accredited by the State Board of Education. Professional degree programs offered and the national societies and associations that accredit these programs are as follows:

Art (*undergraduate and graduate*)

National Association of Schools of Art and Design

Audiology (*graduate*)

American Speech-Language Pathology Association

Business Administration (*undergraduate and graduate*)

American Assembly of Collegiate Schools of Business

Chemistry

American Chemical Society

Dietetics (*coordinated undergraduate program*)

American Dietetic Association

Education

National Council for Accreditation of Teacher Education

Engineering (*undergraduate*)

Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology

Home Economics

American Home Economics Association

Music

National Association of Schools of Music

Nursing (*undergraduate and graduate*)

National League for Nursing

Nursing (*undergraduate*)

California Board of Registered Nursing

Public Administration (*graduate*)

National Association of Schools of Public Affairs and Administration

Rehabilitation Counseling

Council on Rehabilitation Education

School Counseling and Student Personnel Services

Council for Accreditation of Counseling and Related Educational Programs (CACREP)

Social Work (*undergraduate*)

Council on Social Work Education

Speech-Language Pathology

American Speech-Language Pathology Association

Affiliations

Cal State L.A. holds membership in a number of national and regional organizations concerned with advancement of higher education. They include the American Council on Education, the American Association of State Colleges and Universities, the Association of American Colleges, Council of Graduate Schools, National Collegiate Honors Council, Western Association of Graduate Schools, and the Western Association of Schools and Colleges. Women graduates are qualified for membership in the American Association of University Women.

The John F. Kennedy Memorial Library

The library is located at the center of the campus in two interconnected buildings—Library North and Library South. The library's mission is to provide services, programs, and collections that appropriately and effectively support Cal State L.A.'s commitment to teaching, research, scholarship, and creative activity.

Collections: The library's collections of almost one million volumes are growing at a rate of 18,000 volumes annually, in addition to the receipt of approximately 4,000 current subscriptions to periodicals, journals and newspapers. Although it is not a research library, the John F. Kennedy Memorial Library's collections strongly support the University curriculum.

The library is also an official depository for U. S. government and California state publications. Among the library's special collections are the Perry Long Memorial Collection on Printing and Engraving, which contains more than 2,000 items, and a collection of papers donated by local and regional public officials.

Services: An information center located on the first floor of Library North assists library patrons with directional and informational questions and card catalog inquiries. The main reference desk is located on the second floor of Library North. Special services available for students and faculty include photocopying, group study rooms, online data base searches, and CD-ROM data files. Books designated as required course readings are on limited loan and may be charged at the circulation loan counter on the first floor of Library North.

Extended Access: Interlibrary loan services are available at the reference desk for students, staff, and faculty who need to request research materials from other libraries across the nation.

Access to the information resources and services of all libraries within the CSU system is possible through a mutual use arrangement. Students, faculty, and staff may use their Cal State L.A. photo-ID cards as library cards at any CSU campus library.

In addition, Cal State L.A. and the University of Southern California offer reciprocal direct borrowing. Information about eligibility and how to apply for this privilege is available at the circulation loan counter.

Another borrowing agreement permits our students and faculty to borrow directly from UCLA libraries. Undergraduates may use this service upon payment of \$6 for a six-month courtesy card or \$12 for a twelve-month card.

Library Instruction: Cal State L.A. students can learn more about the library through group orientation tours which often include basic instruction about effective use of library information resources. Developing an understanding of the organization and services of the library, along with fundamental research skills, will help build a solid foundation for academic success. This basic instruction is available at the request of instructors of lower division courses and as part of new student orientation and the Summer Bridge program. Library faculty may also provide advanced support for upper division and graduate students through course-specific bibliographic instruction when requested by a faculty member.

Information Resources Management (IRM)

Information Resources Management (IRM) facilitates the communication process of the university, provides planning and technical guidance in the integration of campus information technologies, and provides leadership in the efficient and effective use of a vital university resource—information. IRM's fundamental purpose is to provide high quality information service to the campus in support of instruction, research, scholarly, creative, and service activities, and administration.

IRM units provide campuswide support in academic computing, media services, analytical studies, networking, telecommunications, office automation, and administrative computing.

Computing Facilities

Cal State L.A. students have access to various computing facilities with microcomputers. These include self-instruction laboratories, computer classrooms, and experimental laboratories with digital equipment. Through use of the campuswide network, student workstations can be linked to the campus supercomputer and various network servers for file, print, and computing services, as well as to the regional and national networks and shared CSU computing resources.

Instructional Computing Labs

The campus operates instructional computing labs that are available to students during both daytime and evening hours. The self-instruction labs are staffed by qualified consultants to answer questions and provide assistance. Further information can be obtained by calling (213) 343-4530.

Creative Media Services

Creative Media Services provides wide range of services and products that visually and electronically enhance the communication of information. Particular emphasis is placed on providing resources to support faculty/student communication in the classroom or laboratory environment. The functional units within Creative Media Services are Graphics and Photography and Television Production. Campus media facilities include the Instructional Television Fixed Service (ITFS) classroom, two television production studios, three video editing areas, and a campus cable television channel.

International Programs

Now in its 27th year of continuous operation, the California State University (CSU) International Programs offers students the opportunity to continue their studies overseas for a full academic year while they remain enrolled at their home CSU campus. The CSU International Programs' primary purposes are to enable selected students to gain a firsthand understanding of other areas of the world and to advance their knowledge and skills within specific

academic disciplines in pursuit of established degree objectives. Since its inception, the CSU International Programs has enrolled nearly 10,000 CSU students.

A wide variety of academic majors may be accommodated by the 36 foreign universities cooperating with the CSU International Programs in 16 countries around the globe. The affiliated institutions are: the University of Queensland (Australia), the University of São Paulo (Brazil); the universities of the Province of Quebec (Canada); the University of Copenhagen (through DIS Study Program); the University of Provence (France); the universities of Heidelberg and Tübingen (Germany); the Hebrew University of Jerusalem (Israel); the University of Florence (Italy); Waseda University (Japan); the Iberoamericana University (Mexico); Massey University and Lincoln University College (New Zealand); National Chengchi University (Republic of China/Taiwan); the universities of Granada and Madrid (Spain); the University of Uppsala (Sweden); Bradford, Bristol, Sheffield, and Swansea Universities and Kingston Polytechnic (the United Kingdom); and the University of Zimbabwe (Zimbabwe).

Information about academic course offerings available at these locations may be found in the CSU International Programs Bulletin which may be obtained from International Students Services in Student Housing, Phase II, phone (213) 343-3170.

To be selected to participate, students must have upper division or graduate standing at a CSU campus by the time of departure, possess a cumulative grade point average of 2.75 or 3.0 (A = 4.0), depending on the program, for all college level work completed at the time of application, and have completed required language or other preparatory study when applicable. Selection is competitive and is based on home campus recommendations and the applicant's academic record. Final selection is made by the CSU Office of International Programs in consultation with a systemwide faculty selection committee.

The CSU International Programs pays all tuition and administrative costs overseas for each of its participants to the same extent that such funds would be expended to support similar costs in California. Students assume responsibility for all personal costs, such as transportation, room and board, and living expenses, as well as for home campus fees. Because they remain enrolled at their home CSU campus while studying overseas, International Programs students earn full residence credit for all academic work completed while abroad and remain eligible to receive any form of financial aid (other than work study) for which they can individually qualify.

Information and application materials may be obtained from International Students Services, located in the student housing complex, phone (213) 343-3170, or by writing to The California State University International Programs, 400 Golden Shore, Long Beach, California 90802-4275. Applications for the 1992-93 academic year overseas must be submitted by February 1, 1992.

Continuing Education

Continuing Education administers the Extension Service, Special Sessions, Conferences and Professional Development, American Language and Culture Program (ALCP), Instructional Television Fixed Service (ITFS), and External Degree programs.

Extension Service

Provides university-level courses and programs at various locations for the professional, academic, vocational, and cultural enrichment of persons who do not wish to take college work in residence. Students may take extension courses without matriculating at Cal State L.A., provided they meet course prerequisites. Offerings are equivalent in level and quality to on-campus courses, and many courses may be applied, within specified limits,

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toward degree and credential requirements. Classes taken in extension do not apply toward the residence requirement for graduation.

Extension courses may be offered in response to specific requests of groups or organizations or by the Extension Service without such sponsorship. Extension terms are flexible but generally parallel the quarter calendar. Information about extension courses and programs is available from the Director of Extension and Special Sessions at (213) 343-4908.

Special Sessions

Special sessions provide a means for CSU instructional programs to be furnished at times and places not supportable by the state general fund appropriate when the offering is consistent with the CSU mission and applicable laws and regulations. Academic standards associated with all aspects of such Special Sessions are identical to those of comparable instructional programs. Examples include summer sessions; interim sessions between regular terms; programs of a continuing nature offered at military bases, correctional facilities, and other distant or isolated locations; external degree programs; and instructional programs for a specific group for which state support would be inappropriate.

Special Sessions courses shall not be offered at times or places that are likely to supplant or limit offerings of state-supported programs. Degree credit earned through Special Sessions is applicable toward residence credit requirements at the campus offering the program. For further information, contact the Director of Extension and Special Sessions at (213) 343-4908.

Students who are high school graduates or over 18 years of age may enroll in Special Sessions courses without being formally admitted to Cal State L.A.

Professional Development

To meet its mandated responsibility to work closely with community, business, and professional organizations in satisfying the educational needs of the metropolitan area it serves, the university operates a continuing program of special noncredit institutes, conferences, workshops, and courses. These special programs are offered in response to specific requests by such organizations as chambers of commerce, business and professional associations, or large industrial firms; or they may be offered by Cal State L.A. on its own initiative when a significant need is determined to exist.

Only university-level work is offered, and urgency and appropriateness are determining factors in decisions to offer these noncredit programs. Information concerning this education service is available from the Professional Development office, (213) 343-4921.

External Degree Programs

Programs are designed to extend degree-oriented educational opportunities to persons who are unable to spend time in residence on a campus in existent educational programs. External degree programs are conducted in nontraditional time frames generally at off-campus locations. For information regarding external degree programs, contact Continuing Education, (213) 343-4908.

Open University

Continuing Education's *Open University* program permits non-matriculated students to register concurrently with matriculated students in regular classes, for a per-unit fee which is currently \$67 per unit, on a space available basis. (Fees are subject to change without advance notice.) A maximum of 36 units taken through this program may be applied on a bachelor's degree and no more than 13 units may be applied to a master's degree at Cal State L.A., provided the courses are eligible for inclusion on these degrees.

Registration takes place in the Office of Continuing Education. This registration procedure is entirely separate from registration for regular (matriculated) students; it begins the first week of each quarter and lasts approximately three weeks. There is no preregistration.

Students who register through Open University must obtain the signatures of both the instructor and department or division chair on their registration authorization form for each desired class. Additional restrictions exist in the School of Engineering and Technology. Matriculated students in continuing student status (i.e., have not failed to register for more than two consecutive quarters) may not enroll through Open University. Students may not enroll through Open University for directed study (independent study), directed teaching, research, or thesis courses.

American Culture and Language Program (ACLP)

The American Culture and Language Program offers noncredit language courses for students and professionals whose first language is not English. Intensive courses are offered five hours per day, and students may attend up to 25 hours per week of classes. Courses offered include all English skills (reading, writing, listening, speaking), college skills, TOEFL preparation, general business, and computers for non-native speakers.

For those who wish to have an F-1 visa and international student status, I-20 forms are issued. This program also is open to those with business or tourist visas, to residents, and to regularly enrolled students with specific language skill needs. Applications may be obtained from the American Culture and Language Program office, Bungalow L, phone (213) 343-4840.

Instructional Television Fixed Service (ITFS)

Under the administration of Continuing Education, the campus televises academic courses from a studio in King Hall via the Instructional Television Fixed Service (ITFS). As a studio classroom, the facility is designed to meet both the needs of on-campus students and the ITFS students at distant receive sites. Currently, receive sites are located in Alhambra, Azusa, Huntington Beach, Los Angeles, Santa Fe Springs, and several other communities in the greater Los Angeles area. For additional information, call the Special Projects and Services Director in Continuing Education at (213) 343-4916.

Reserve Officer Training Programs (ROTC)

Air Force ROTC

Through arrangements with California State University, Long Beach, Loyola-Marymount University, the University of California, Los Angeles, and the University of Southern California, two-year and four-year Air Force ROTC programs and two-, three-, and four-year scholarships are available to qualified men and women attending Cal State L.A. These programs lead to a commission as a second lieutenant in the U.S. Air Force.

Scholarships for students enrolled in AFROTC programs cover the costs of enrollment, books, and a monthly subsistence allowance during the school year. U.S. citizenship is required for scholarship acceptance. The subsistence allowance is paid also to non-scholarship cadets enrolled in the two-year program and in the last two years of the four-year program. Four-year scholarships are available to incoming students who apply by December 1 the year before they enter college.

Freshmen may enter the four-year program by enrolling in the first Aerospace Studies course (AS 100) at UCLA, USC, Loyola-Marymount University, or Cal State Long Beach. Students who desire the two-year program should apply early in the fall of their second year of college (students must have three years of college

remaining). Other eligibility requirements include U.S. citizenship (before the last two years of the program), ability to pass an Air Force medical exam and physical fitness test, good moral character, and good academic standing in college. Entry into the last two years of the program is competitive.

The program consists of one Aerospace Studies (ROTC) class and a one-hour per week laboratory each quarter. Subject matter includes Air Force organization, history, leadership and management principles, and American defense policy. Courses at Loyola-Marymount University include Saturday morning offerings.

Interested students should contact one of the following AFROTC offices for further information: Loyola-Marymount University, (213) 642-2770; USC, (213) 743-2670; Harvey Mudd/Claremont Colleges, (714) 621-8123; Cal State Long Beach, (213) 985-5743; Cal State Northridge, (213) 825-1742; UCLA, (213) 825-1742. Dual registration procedures must be followed.

Army ROTC

The Army Reserve Officers Training Corps (AROTC) program is available to qualified Cal State L.A. students through the University of California, Los Angeles program. Students may cross enroll at UCLA or at Cal State Long Beach.

Two-, three-, and four-year programs which may lead to a commission as a second lieutenant in the U.S. Army, Army Reserve, or Army National Guard are offered. Participants must be physically qualified, full-time students at the undergraduate or graduate level. Academic credits earned in the program normally may be counted as electives within degree requirements. Students enrolled during the final two years of the program receive a \$100 monthly allowance during the school year. Veterans may qualify to enter the two-year program (Advanced Course) and are eligible to receive the monthly allowance as well as G.I. Bill benefits.

Scholarships for students enrolled in Army ROTC programs cover the costs of enrollment, books, and a monthly subsistence allowance during the school year. U.S. citizenship is required for scholarship acceptance. The subsistence allowance is paid also to nonscholarship cadets enrolled in the two-year program and in the last two years of the four-year program. Four-year scholarships are available to incoming students who apply by December 1 the year before they enter college.

For further information, contact the Department of Military Science at UCLA (213) 825-7384 or 825-7381, or at Cal State Long Beach (213) 498-5766. Procedures for dual registration must be followed.

Los Angeles County High School for the Arts

A public high school for students within Los Angeles County opened in September 1985 on the Cal State L.A. campus. Designed for students with special talents in the visual and performing arts and open by audition only, the arts high school offers a full curriculum of academic subjects as well as opportunities for specialization in dance, music, theatre, and visual arts. Selected students are permitted to enroll in a joint baccalaureate program through which high school and college credit may be earned concurrently. Operated by the Los Angeles County Office of Education, the school is tuition free and open to tenth, eleventh and twelfth graders.

The Alumni Association

The more than 110,000 Cal State L.A. graduates remain a vital and active catalyst in the growth of the University. Through involvement in the Alumni Association, graduates keep in contact with each other and assist the University through a network of various affiliate groups. A unique new program seeks to utilize alumni in career networking and student mentor programs.

The Alumni Association is a self-supporting, nonprofit organization which, except for salaries, receives no state funding and thus relies on membership dues to support itself. The association has presented major gifts to Cal State L.A. over the years. The Alumni Carillon was donated to the campus in 1970 and the John A. Greenlee Fountain and Grove, located on the plaza adjoining the Physical Sciences building, was presented in 1973. The association donated funds to refurbish the Alumni Lounge in the University-Student Union. In September 1990, the Alumni Association Board of Directors made a pledge to raise \$100,000 for the Harriet and Charles Luckman Fine Arts Complex.

Alumni Association members are active in university affairs, serving on a wide range of committees and participating in special events such as the annual Honors Convocation and Commencement Exercises. The Alumni Association awards certificates for outstanding academic achievement to graduate and undergraduate students at the Honors Convocation and participates in the annual *Outstanding Professor Awards* program. In addition, the association hosts an annual Alumni Awards banquet, an annual Board Recognition Barbecue, Alumni Night at the Hollywood Bowl, Alumni Night at the Theatre, and other social, career, and cultural activities and offers a unique benefits package to all dues-paying members.

The Associated Clinics

The Associated Clinics brings together and integrates segments of the instructional programs of several academic departments and divisions, provides training facilities, and offers diagnostic and remedial services in counseling, drama therapy, mathematics, psychology, speech, hearing, reading, physical education, and special education.

The primary objective of the Associated Clinics is to serve the University's instructional programs by providing clinical training and research opportunities within each of the areas and across disciplines. This is accomplished by providing experiences for students ranging from observation of the varied clinical activities to providing direct services to clients, at the level of the students' clinical competence. Students learn under the supervision of experienced and appropriately credentialed faculty. The services are available to the public, both children and adults, and to members of the Cal State L.A. community.

Research, Scholarship, and Applied Programs, Organizations, and Services

The faculty engage in research, scholarship training, and special projects as an integral part of their academic discipline and professional development. Both undergraduate and graduate students participate, as research assistants or as independent investigators under faculty guidance, in research that is basic to their learning experience. The Dean of Graduate Studies and Research and the Director of Research and Sponsored Programs provide stimulus, coordination, support, and direction to these research efforts. Additional services are provided by University Auxiliary Services, Inc., the Computing Center, and the John F. Kennedy Memorial Library.

The University Auxiliary Services, Inc.

The University Auxiliary Services, Inc., (UAS) is an auxiliary component of the university, incorporated as a nonprofit organization under the laws of the State of California. The primary purpose of the corporation is to provide services for the university that are either impractical or not possible under the fiscal regulations and procedures of the State of California and its agencies.

Major functional areas of UAS include overseeing the contracted food service and bookstore operations, accounting and human resources services for some university agencies and auxiliaries, coordination of campus conferences, and providing support ser-

VICES to university faculty and staff for contract and grant administration development in concert with the Office of Graduate Studies and Research. The contracts and grants are primarily agreements to conduct research, training, or special projects for various agencies of the federal, state, county, and municipal governments, other private foundations, and private enterprises.

The policy-making responsibility for the corporation is vested in its board of directors whose members represent a cross-section of the campus community and local service area.

Matthew J. Guglielmo Endowed Chair in Mental Retardation

The Endowed Chair in Mental Retardation in the Division of Special Education, School of Education, was established to honor Matthew J. Guglielmo, former vice president of The Broadway Department Stores, and was made possible by contributions from The Broadway and friends of Mr. Guglielmo.

Mr. Guglielmo has dedicated a major part of his life to focusing public attention on problems of the developmentally disabled. The chair continues to support excellence in teaching, significant research in the study of mental retardation, and collaboration between Cal State L.A. and community agencies and institutions serving mentally retarded persons and their families.

Edward R. Roybal Endowed Chair in Gerontology

The Endowed Chair in Gerontology and Public Service, housed in the School of Health and Human Services, was established to honor Edward R. Roybal, former Los Angeles city councilman, long-time member of the U.S. House of Representatives, and chair of the U.S. House Select Committee on Aging. Funding was made possible by private donations. Mr. Roybal began his career in public service as a health educator and has long been a leader in the area of health care and services for the elderly.

The chair is affiliated with the campus' Roybal Center for Applied Gerontology. The individual who is selected to fill the chair will bring special emphasis in the area of understanding the problems and needs of the aging, with particular attention to the multicultural and multiethnic communities in the greater Los Angeles area.

Special Study Centers

Several special centers, which are committed to various objectives, are a part of the campus community. These and other research-oriented organizations engage in the acquisition and dissemination of information, issuance of publications, support of special programs aimed at bringing outstanding speakers to Cal State L.A., and seeking out sources of funds for expanding library holdings and other resources essential to research.

CENTERS, INSTITUTES, AND BUREAUS

Asian-American Resource Center (AARC)

The center serves Cal State L.A. and the community as a referral center, supporting on-campus and off-campus social, cultural, and educational programs and providing an environment in which students can organize joint programs. Major objectives of the center include efforts to increase communication between Cal State L.A. and the Asian-American community in cooperative activities of mutual interest and concern; to provide a resource facility for an Asian-American Studies program where information about Asian culture, history, religion, economics, etc., can be found; to promote understanding and interaction among Asians and others; to assist in the orientation of foreign as well as native Asian students; and to develop exchanges with other academic institutions in Asia in respect to student interests.

Bilingual Center

The School of Education operates a Bilingual Center that is housed in the Division of Educational Foundations and Interdivisional Studies. This center functions as the administrative unit for federal funds that support the following bilingual activities:

- *B.C.C. Short Term Training.* Classes in bilingual methodologies and the history and culture of language minority children are provided for classroom teachers preparing for the Bilingual Certificate of Competence exam. Classes are offered on campus and at school sites in Los Angeles County.
- *Distribution of Bilingual Materials.* Under the title of the Evaluation, Dissemination, and Assessment Center, curriculum materials and texts are produced and distributed for use in bilingual programs at every level from kindergarten to university.
- *Educational Personnel Training Program.* Stipends are provided for nearly one hundred bilingual students to pursue course work leading to the doctorate in Special Education.

Edmund G. "Pat" Brown Institute of Public Affairs

The institute is a prestigious interdisciplinary center for applied public policy research and for analysis of major issues facing California and its respective local regions. The institute addresses these challenging issues within a nonpartisan, independent approach, as a facilitator of long range policy discussion and resolution. The institute serves the state and community by fostering dialog and interchange between government, business, citizen organizations, and academic institutions for effective social policies and improving the governmental process; by offering technical assistance, consultations, seminars, and forums about vital policy issues; and by providing leadership development training and an intern program in public service.

Bureau of Business and Economic Research

The School of Business and Economics maintains a research bureau to encourage, facilitate, and communicate faculty and student research. The bureau's primary objective is to relay information concerning research opportunities and ongoing research efforts to faculty members and students. In addition, it assists in the preparation of research proposals, coordinates research efforts, and provides M.S. and M.B.A. degree candidates with research advisement services. The bureau provides an outlet for the publication of faculty research findings through its Working Papers and Monographs series, and periodically publishes proceedings of seminars and workshops.

Center for Counselor Renewal

The center is designed to meet a specialized function of the School of Education's Division of Administration and Counseling, that of continued professional and personal development of division alumni and other counseling practitioners. The center provides conferences, workshops, symposia, and professional materials to aid counselors' continuing efforts to renew skills, update technical information, address the needs caused by the rapidly changing demographic composition of communities, and maintain current knowledge of recent developments in the profession.

Center for Criminal Justice Studies

The center was established by the School of Health and Human Services to provide a vehicle to link the interdisciplinary fields concerned with criminal justice practitioners (government and private) and agencies. The center addresses the crosscultural needs and complexities of a modern urban society with shifting demands. Its goals and objectives include improving the quality of

criminal justice education and research; developing effective strategies for recruitment, retention, and placement of undergraduate and graduate students; and providing for collaboration on interdisciplinary or discipline-specific activities directed at grant development and research-related criminal justice education and practice.

Center for Economic Education

The center is affiliated with the Economic Literacy Council of California and the national Joint Council on Economic Education and sponsors workshops in economics for high school teachers.

Center for Effective Teaching

The center was founded to enhance the quality of instruction at Cal State L.A. To achieve this purpose, the center's goals—to highlight faculty instructional efforts and strengths, to provide workshops and individual consultation for faculty members, and to provide a depository of effective teaching materials and media—are accomplished in several ways. Faculty share their expertise by means of media productions as well as involvement in a wide variety of workshops. The center offers a confidential individual consultation service which may involve a single conference or a series of class observations or video tapes with collaborative instructional planning. Consultation may also include a problem-solving format wherein departments or groups have identified specific instructional areas of concern. Solutions are then generated through a cooperative process. Individual self-paced instructional packets are available for faculty use.

Center for Excellence in Early Intervention

Housed in the Division of Special Education, the center was founded to create a model program for training early intervention professionals. Its objectives include developing, demonstrating, and evaluating the best practices in early intervention service delivery to young children with special needs and their families; providing early intervention training to professionals, paraprofessionals, and parents; developing and evaluating early intervention training and service delivery materials for disseminating to special educators, child development specialists, speech clinicians, allied health professionals, social workers, psychologists, physicians, and parents; and developing and operating a media and material library about early intervention.

Center for Information Resource Management

Operated by the School of Business and Economics, the center provides assistance to students, faculty, industry, and government through research, training, and consulting programs. An internship program has been instituted with local governmental and private organizations to provide practical learning experiences for students pursuing degrees in computer-related disciplines. In addition, the center sponsors research in the implementation and use of information systems.

Center for Japanese Studies

The center serves Cal State L.A. and the community as a source to aid faculty, students, and the general public in broadening and deepening their knowledge of Japan, its people and culture. The center promotes Japanese research and academic studies and supports educational and cultural programs, seminars, guest lectures, and conferences. The office maintains a collection of basic bibliographies and essential reference materials.

Center for Korean-American and Korean Studies

The center is a depository of historical and cultural materials about Korea and Korean-Americans. Major objectives of the center are to promote, coordinate, and conduct research activities about various aspects of Korean culture and tradition, including oral

histories; to compile, document, and produce curriculum materials about Korean folklore, art, music, and social activities; to develop continuing education programs for students, teachers, and the general public concerned with Korean community activities and problems; to develop and produce curriculum materials and courses concerning Korean-American and Korean culture, tradition, and life; and to sponsor seminars, symposia, and exhibits about Korean culture and tradition.

Center for Multicultural Education

The center's specific goals and objectives are to provide in-service training for faculty and staff on issues related to cultural pluralism, diversity, and multicultural education and to provide technical assistance in the incorporation and infusion of multiculturalism into the curriculum. The center also offers nationwide leadership for teacher educators on multicultural issues by sponsoring conferences, workshops, and seminars and provides services and technical assistance to school districts.

Center for Technology Education

Operated by the Department of Technology, School of Engineering and Technology, the center provides support and assistance to students, faculty, teachers, public agencies, business, and industry, including professional support and consulting, in-service activities, conferences and workshops, and disseminates professional information through an electronic bulletin communications network. Professional services offered in technology education and technical training include course, curriculum, and program development in advanced technologies such as robotics, computer-aided design (CAD), computer-aided manufacturing (CAM), desktop publishing, and fluid power. Assistance in problem solving for teachers of students with special needs is also provided.

Center for the Study of Armament and Disarmament

The center engages in research in the field of arms control under contract or grant from both government agencies and private foundations. Members serve as speakers and consultants to other organizations sharing this interest. Visits to the center by internationally established arms control specialists afford students an opportunity to discuss appropriate issues directly.

The center maintains a collection of published and unpublished research materials and cooperates with similarly interested organizations in other countries. Portions of this collection are made available to Cal State L.A. students, who are encouraged to pursue individual research projects under the guidance of the center's staff. The center also supports a program of publications that are used as course materials at other universities as well as at Cal State L.A. Works published by the center are distributed to university libraries, research collections, and interested scholars.

Center for the Study of Black-on-Black Crime

The center's purpose is to adopt a proactive, rather than reactive, approach to the task of reversing crime in the Black community. In so doing, the center must first determine the cause of the high crime rate, then design solutions and corrective activities. The latter become more meaningful and finely focused when the former has been accomplished. In achieving its purpose, the center will promote development, analysis, publication, and dissemination of relevant data and information concerning Black-on-Black crime. The center will become a research center with a basic objective of analyzing data and proposing appropriate solutions. Coordination of the efforts of many extant organizations is an additional objective.

Center for the Study of Business in Society

The faculty of the School of Business and Economics, in a cooperative effort with the business community, operates this center which

is dedicated to the study of corporate adaptation to a changing social environment.

It is the center's goal to develop a continuing dialogue between the business and academic communities, to develop teaching materials, and to sponsor research about subjects related to the business and society area. Video tapes and publications, which the center has developed, are used in business and society and economic education classes across the country.

Center for the Study of Child Maltreatment and Family Violence

The center's major purpose is to promote effective prevention of and intervention in child abuse and domestic violence by providing interdisciplinary educational, training, and research programs and state-of-the-art resources for students, professionals, and the community. The center promotes interdisciplinary cooperation between the university and community agencies by identifying the university as a focal point and resource within the community, county, and state for providing professional education and research in child abuse and domestic violence. A broad base of interdisciplinary educational, training, research, and field placement opportunities and programs is available to prepare persons to provide effective multidisciplinary health and human services to maltreated children and their families.

Chinese Studies Center

The center endeavors to promote understanding of and interest in China by sponsoring conferences, seminars, guest lectures, exhibits, concerts, and other Chinese cultural activities. It maintains a small library of basic reference materials about China. These materials are available to faculty, staff, and students. The center also serves the Chinese communities in Los Angeles and assists Cal State L.A. students of Chinese descent.

Employment and Training Center for the Disabled

Operated by the Division of Special Education, School of Education, the center was designed to promote the development of community-based programs to serve mentally retarded individuals. The center's service area includes California, Arizona, Nevada, and Hawaii. Several of its programs have received national honors, including a citation from the President's Committee on Mental Retardation.

Included among the center's many programs are Job Training Partnership Act (JTPA)-funded job training programs designed for training clerical assistants, computer trainees, and health care aides. All programs prepare mentally retarded and/or disabled adults for competitive employment in the community.

Engineering and Technology Center

The center was established to foster and encourage research and other professional activities. A primary purpose of the center is to administer the Design Clinic Program. Design Clinic participants solve "real world" research problems for industry sponsors. Clinics are conducted as a "capstone" design experience for engineering students under faculty supervision.

Health Care Management Institute

This institute, housed in the School of Business and Economics, was established to link executive officers, health regulators, health industry associations, representative health care facilities, insurance carriers, and other primary health care participants with faculty at Cal State L.A. Among those who profit from such relationships are researchers, students—particularly those in the M.S. degree program in Health Care Management—and the health care industry. Special workshops, work study arrangements, advanced field placements, research in the field of health care management,

certificate programs, role model experiences for students, and other related activities are provided.

Institute for Asian American and Pacific Asian Studies

The major purpose of the institute is to develop and support a major instructional and research center for Asian American and Pacific Asian studies in the nation. The institute will mobilize faculty and student current and potential resources to develop and present interdisciplinary programs that emphasize language and culture on the one hand and business and international relations on the other.

Institute for Retail Management

The goals of this School of Business and Economics institute are to enhance the field of retailing as a profession and to improve the quality of managerial expertise within the retail industry in California. To achieve these objectives, the institute participated in the development of an undergraduate degree option in retailing and a certificate program in retail professional development. The institute serves as a vehicle for publication of research findings in the area of retailing and assists qualified students in retail job placement.

Institute of Business Law

The institute was established by the School of Business and Economics to assist business persons, government policy makers and regulators, scholars, and students to better understand the legal regulation of business and, through better understanding, to promote fairness, efficiency, and competitiveness in business.

The institute conducts and sponsors research in the field of business law and business law compliance; publishes or sponsors the publication of books, pamphlets, monographs, and papers as a product of the institute's research activities; provides current regulatory information that is essential in promoting the fairness, efficiency, and competitiveness of business-to-business persons, government policy makers, the public, scholars, and students; encourages students—particularly minority and female students—to prepare themselves for career opportunities in business law and regulatory compliance; and sponsors seminars, conferences, and meetings designed to improve the understanding of business law and regulatory compliance.

Institute of Entrepreneurship

This institute, operated by the School of Business and Economics, provides programs and seminars and conducts research for small businesses in the product and service sectors. The programs, seminars, and courses are designed to provide the necessary training to enable individuals to succeed in small businesses. Research is conducted to provide insight into potential problems of small businesses and to suggest solutions. Publications for the entrepreneur will be made available. The institute will function as a clearing-house for information relative to small businesses.

Institute of Nursing

The institute's primary purpose is to provide a vehicle for closer collaboration between the University and community agencies that provide health care. The institute emphasizes development of joint ventures and/or partnerships that lead to cost-benefit modes of health care delivery to a culturally diverse society.

The institute's primary goals are to improve the quality of nursing education, to develop effective strategies for recruitment and retention of nursing students, to help meet the staffing needs of nursing service, to improve the quality of nursing practice, and to facilitate collaboration in the areas of research, teaching, and grant writing.

Latin American Studies Center

The center brings together faculty members, administrators, and students from a number of academic disciplines to promote the

study of Latin American civilization. The center's continuing services include support for undergraduate and graduate programs in Latin American Studies, scholarly research, augmentation of library holdings, and sponsorship of guest lectures.

Pacific Contemporary Music Center (PCMC)

The purpose of the PCMC, which is administered by the School of Arts and Letters, is to encourage performance and exchange and promote awareness of contemporary musical compositions by composers of the Pacific Rim countries. It is a liaison among composer members and prospective performers: conductors, orchestras, chamber music ensembles, instrumentalists, vocalists, and agents.

The center sponsors contemporary music festivals and encourages other countries, universities, and organizations to join in sponsoring such festivals to present the members' compositions; encourages the mass media in participating countries to broadcast the members' music by providing copies of sound recordings; maintains a library of members' published and unpublished scores, sound recordings, performance documentations, and biographies; sends scores anywhere in the world for a period no longer than one month, and publishes an annual catalog of the library holdings; sponsors and encourages contemporary seminars; and encourages research.

Pacific Rim Institute

A consortium created by Cal State L.A. and a group of Asian and U.S. firms to increase exchanges and improve communication and understanding between their corporate cultures, the institute seeks to provide managers in both U.S. and Pacific Asian business communities with the knowledge and skills needed for managing the challenge of cultural differences. It also endeavors to increase their effectiveness in working together in each other's environment. These goals are accomplished through the presentation of seminars, forums, and briefings.

Productivity Center

The purpose of the School of Business and Economics' Productivity Center is to conduct and coordinate research activities that deal with various issues of productivity improvement and measurement; to act as an information center and catalyst for local governmental organizations, and manufacturing and service firms, with an emphasis on helping those institutions become effective and efficient in producing products and/or providing services; to promote the expansion of career opportunities for Cal State L.A. students in general and those studying operations management in particular.

Edward R. Roybal Center for Applied Gerontology

The center's purpose is to improve the quality of care and delivery of services to older persons through the interdisciplinary education and training of professionals, paraprofessionals, family members, community agency personnel, and volunteers. Of special interest are services to poor and older ethnic minority persons such as Asians, blacks, and Hispanics. The center emphasizes the development of partnerships between the University and the community that promote the well-being of older persons and improve service delivery. An additional goal is to seek financial support in the form of scholarships for students planning to enter health and human service careers with a specialization in aging.

Small Business Institute

Funded by continuing contracts with the U.S. Small Business Administration, and housed within the School of Business and Economics, the institute's program features participation of advanced business students in solving real-world small business

problems. Students receive credit and applied experience under the supervision of faculty, while resolving important business problems.

Southern California Child Abuse Prevention Training Center

The purpose of the center is the development of a demonstration resource program that serves as a regional network for the coordination and delivery of services in child abuse and neglect. The objectives are: to maintain a readily accessible inventory of child abuse and neglect resources throughout the region; to provide education and training to a variety of professionals; to create, upgrade, and support communication linkages among child abuse and neglect agencies; to provide technical assistance and consultation to program operators including direct support and supervision to area centers; and to serve as an advocate for children in relation to abuse and neglect.

Roger Wagner Center for Choral Studies

The center was established to rekindle an interest in choral music and reintegrate choirs into the world of entertainment. The center provides a structure within which teachers, scholars, and performing artists can teach choral music, explore and encourage composition of new repertoire, foster research and scholarly publication of emerging topics pertinent to choral study, establish a special collection of recordings, personal letters, publications, and photographs that span the career of its founder, Dr. Roger Wagner.

The center's activities include cosponsorship of an international conference on Gregorian chant, presentation of a collection of scholarly articles, and choral composition content courses.

World Trade Education Center

This School of Business and Economics center assists business people, government policy makers, and scholars in understanding new trends in world trade and in operating effectively in a rapidly changing and increasingly competitive international environment. The center provides assistance by promoting greater understanding of economic and political issues affecting world trade; by providing economic, political, cultural, and strategic analysis and assessments as a basis for policy decisions concerning world trade; and by assembling and disseminating information about international trade, foreign investment, foreign market conditions, and related statistics.

Writing Center

The center enlivens our contemporary social, cultural, and intellectual life by sponsoring a number of distinguished poets, novelists, and literary critics for public lectures and classroom workshops. The center also provides consultative assistance for students and faculty relating to the craft of creative writing.

CONSORTIA

California Desert Studies Consortium

The California Desert Studies Consortium consists of seven southern California campuses of The California State University which, together with the Bureau of Land Management, operate the Desert Studies Center in the Mojave Desert near Baker, California. Participating campuses include Dominguez Hills, Fullerton, Long Beach, Los Angeles, Northridge, Pomona, and San Bernardino. The purpose of the center is to provide a field facility in the Mojave Desert to develop desert studies educational programs.

Established in 1976, the center serves students in the areas of anthropology, astronomy, biology, engineering, geography, and geology, and provides a substantial support base for environmental and ecological studies that have immediate implications for effective management of desert resources. The central location allows

accessibility to all parts of the desert region. Lodging and laboratory/storage space are offered in support of field-oriented courses. The center also provides a site for independent study courses and research of desert phenomena by individual students.

The administrative base for the Desert Studies Consortium is presently located on the Fullerton campus. Cal State L.A.'s representatives to the consortium are Dr. Alan Muchlinski, Chair, Department of Biology, and Dr. Theodore J. Crovello, Dean of Graduate Studies and Research. Students who wish more information should contact Dr. Muchlinski, (213) 343-2050, or Dr. Crovello, (213) 343-3820.

Southern California Ocean Studies Institute (SCOSI)

Opportunities for undergraduate and graduate study in the coastal environment are provided by the Southern California Ocean Studies Institute (SCOSI), which consists of seven southern California State University campuses: Dominguez Hills, Fullerton, Long Beach, Los Angeles, Northridge, Pomona, and San Diego. The SCOSI is housed at the Long Beach campus.

The SCOSI participates in training managers and scientists and educating the general public by coordinating and facilitating marine educational and research activities. In addition, the institute serves as an educational and research liaison between regions, states, and nations.

Seagoing research laboratory and instructional facilities are provided aboard the *R. V. Yellowfin*, an oceangoing research vessel. The *Yellowfin* is the property of the institute and its use is scheduled through the office of the institute director.

Several courses within the departments of Biology, Geological Sciences, and Psychology and the School of Engineering and Technology, among others, utilize the *Yellowfin* and other Consortium facilities. These courses are announced in the *Schedule of Classes* each quarter.

Cal State L.A.'s representatives to the consortium are Dr. Donald O. Dewey, Dean, School of Natural and Social Sciences, and Dr. Ivan Colburn, Professor Emeritus of Geology. Students who wish additional information should contact Dr. Dewey, (213) 343-2400.

Field Station in Mexico

A field station for study and research in regional history, anthropology, and geography is operated in Mexico during selected quarters by the departments of Anthropology, Geography and Urban Analysis, History, and the Latin American Studies program. Upper division and graduate students with appropriate background for the work proposed and with adequate competence in Spanish may participate. Students take a full course load for residence credit and pay residence fees plus their own expenses. Further information may be obtained from Dr. William Byron (Geography and Urban Analysis), Director, (213) 343-2220.



STUDENT SERVICES AND ACTIVITIES

The Student Services and Activities Department is committed to providing a wide range of services and activities to enhance the student experience. Our programs are designed to support academic success, personal growth, and community engagement.

Our services include:

- Academic advising and support
- Career counseling and job placement assistance
- Financial aid and scholarship information
- Health and wellness resources
- Legal and counseling services
- Orientation and campus navigation
- Student government and leadership development
- Volunteer opportunities and community service
- Work-study programs

We also offer a variety of extracurricular activities, including:

- Clubs and organizations
- Intercollegiate sports
- Conferences and workshops
- Guest lectures and seminars
- Concerts and cultural events
- Guest speakers and panels

For more information, please contact the Student Services and Activities Department at [phone number] or visit our website at [website URL].

STUDENT SERVICES AND ACTIVITIES

Educationally related services are provided for students by professional staff within several centers. Those that operate under the direction of the Provost and Vice President for Academic Affairs include the University Academic Advisement and Information Center; the Learning Resource Center; the University Testing Center; and the University Writing Center. Others, administered by the Vice President for Student Affairs, include the Center for Career Planning and Placement; the Student Health Center; the Center for Student Financial Services; and the Center for Student Life. Additional services are provided by various areas of the campus. In addition, many departments, divisions, and schools offer opportunities for student involvement in campus life.

Academic Advisement and Information Center

The University Academic Advisement and Information Center, located in Administration 127, provides advisement for students whose major is undecided. Special attention is given to general education, electives, and selection of an academic major. Walk-in requests are honored, depending on staff availability; however, students are encouraged to make appointments by calling (213) 343-3150.

Center for Career Planning and Placement Career Planning

Choosing an academic major and a career is an important decision necessary for a complete and rewarding university experience. The Center for Career Planning and Placement provides individual and group sessions to assist students in making these decisions. Through the use of tests, computerized guidance, and other available resources, counselors assist students in setting career goals and plans for the future. An alternative in career planning is continuing education in a graduate program and/or professional school. Many resources are located in the center's library, and professional counselors are available to assist in making important and timely career-related decisions.

Computer Assisted Guidance

The center offers a variety of computer and audio-visual tools to assist with planning and placement development.

Career Interest Assessment. The Strong-Campbell Interest Inventory and the Myers-Briggs Type Indicator are offered. Both instruments are computer profiled in the center and may be answered on the computer terminal or an answer sheet. A nominal fee is charged for each test.

System of Interactive Guidance and Information PLUS (SIGI-PLUS). SIGI-PLUS is a computer program designed to guide students through career decision-making, from planning to placement. Interests, values, and skills exploration, along with current employment information (job descriptions, income, outlook) and résumé instructions, are included.

Career Resource Library

The center maintains a comprehensive collection of the following career materials and information:

- Numerous career books related to majors.

- Brochures about and annual reports of firms that recruit on campus.
- Information about interview techniques and résumé writing, and sample cover letters.
- Nationwide collection of college and university graduate program catalogs.
- Career binders that describe a variety of occupations.
- Study guides for admission tests for graduate and professional schools.
- Civil service information.
- Organization and personnel directories.
- Salary surveys and labor statistics.
- Videotaped presentations. Topics include interviewing, SIGI-PLUS orientation, and employer information.

Internships

An internship offers students hands-on experience in their major discipline. Internship information is available in the Career Resource Library. Current internship openings are maintained in binders in the Career Center Lobby.

Student Employment

Student employment offers a great opportunity for students seeking part-time employment. There are two types of programs:

Student Assistants. Students who are enrolled half time or full time can apply for student assistant positions. Students are employed to assist faculty and staff by performing work on a part-time basis, maximum 20 hours per week, in many of the offices and departments on campus.

College Work-Study (CWS). This is a federal financial aid program intended to increase part-time employment opportunities and to assist financially eligible students. Determination of eligibility for the CWS award letter is made by the Center for Student Financial Services. Many CWS jobs are career related. These jobs may be located on campus or off campus. Job openings are listed by category on display boards in the Center for Career Planning and Placement.

Job Referral

Through the Job Referral program, a wide range of vacancies are made available to the campus community in business, industry, and civil service agencies. Job vacancies are listed in the Career Center and are updated daily.

Workshops

Various workshops assist students in their job search campaign; others assist freshmen and sophomores in making career decisions.

Educational Placement

This service assists students and alumni seeking career employment related to credential programs. Services include a placement file-forwarding service and a hotline listing vacant positions available to educational specialists. Information is available that describes the characteristics of school districts, current salaries, employment trends, and application procedures. A nominal fee may be charged for some of these services.

On-Campus Recruitment

The Career Center coordinates on-campus employment interviews for seniors and recent graduates with representatives of business, industry, government agencies, and school districts.

Alumni Services

The Alumni Services program allows Cal State L.A. alumni to avail themselves of career planning and employment services presently offered to enrolled students. An annual fee is charged to alumni.

Center for Student Financial Services

Financial Aid

The Center for Student Financial Services, which is located in Student Affairs 124, assists students in finding the resources to finance their education at Cal State L.A. To meet students' financial needs, the center administers a variety of scholarships, grants, and work and loan programs. The center is open Monday-Friday for general questions and appointments with financial aid advisers.

To apply for financial assistance, students must complete and submit a Student Aid Application for California (SAAC) to be evaluated for financial aid programs. This form may be obtained in the Center for Student Financial Services, at any college financial aid office in California, or in high school guidance offices. All applicants are notified by mail about their eligibility for financial aid.

Applying for Aid/Aid Programs

By submitting a completed SAAC, students are considered for:

Grants. Federal or state government funds that do not have to be repaid.

Loans. Federally funded student loans with low interest rates that students must repay starting six or nine months after they graduate or drop below half-time status, depending on the contract.

Employment. On-campus student work opportunities offered by the College Work-Study Program. The Center for Career Planning and Placement assists in on-campus job placement.

Needs Analysis and Eligibility

Aid eligibility is determined from information submitted on the SAAC. An analysis indicates how much the family is expected to contribute to a student's education for one academic year. A Congressionally-mandated formula used to determine financial need subtracts the expected family contribution from the estimated annual cost of education; the difference constitutes the student's financial need.

Scholarships

More than 300 scholarships are available to qualified students each academic year. Most are awarded to students already attending Cal State L.A., based on academic achievement, campus and/or community participation, and/or financial need. Some are for students enrolled in specific majors; others are open to qualified students in all majors.

Students should file a General Scholarship Application and submit three letters of recommendation and a copy of their most recent grade report to the Scholarship Office, Student Affairs 116, to automatically be considered for any scholarships for which they are qualified.

SCHOLARSHIPS AVAILABLE AT CAL STATE L.A.

School of Arts and Letters

Barnes and Noble

Art Department

Art Department Memorial

Hudson Roysner Art Education

Joseph G. Uribe Memorial

Communication Studies Department

CALIB

Hilton

Floyd J. Miller Memorial

Marcella Oberle

Brad Pye, Jr.

Paul T. Scott Award in Journalism

English Department

CALIB

Wm. Leary and Irwin Swerdlow

Clayton and Patricia Matthews

Dorothy C. McKenzie Memorial

John A. Palmer Graduate

Potter-Raskin Fellowship

Frederick Shroyer Memorial Fellowship

Susan B. Wilstein Honor

Foreign Languages and Literatures Department

Florence Bonhard

Japanese Study

Music Department

Andreas-Jackson

Helen E. Culver

Carmen Dragon Memorial

Michael Feinstein Competition

Friends of Music/Mary Levin Cutler

Friends of Music/Lu Elrod

Friends of Music/Woody Herman

Friends of Music/Stan Kenton

Friends of Music/Ellen and Hillard Kravitz, Founders

Friends of Music/Florence LaRue

Friends of Music/Richard McComb

Friends of Music/Susann McDonald

Friends of Music/Mona Paulee

Friends of Music/Leonard Pennario

Friends of Music/Dr. Robert Strassburg

Friends of Music/Harry Warren Memorial

George and Ira Gershwin Fellowship

Charles Hubbard Fellowship

Hugh E. Mullins Memorial Scholarship/Grant

Schubert Fellowship

Hayao Yoshimura Memorial

Zack Memorial

Philosophy Department

James Bright Wilson

Theatre Arts and Dance Department

Leighton K. Brill

Loretta Bunch

Friends of Dance

Boland Wilson

School of Business and Economics**

Accounting Department

American Institution of CPAs

Barnes and Noble

Donald J. Bohana/Warren Bray Fellowship

Edward L. Butterworth (Fedco)

E. Kennedy Cobb

William S. Davita (Vons Companies, Inc.)

Delta Nu Alpha Transportation Fellowship

Department of Economics and Statistics/Donald Moore

Farmers Insurance Group

Dorothy and Clyde Ford

Founder Savings and Loan Association
 Jessie C. Gustafson
 Dave Holt-Anheuser Busch
 Raymond E. Klauer (May Co. of California)
 Louis A. Kwicker (Wherehouse Entertainment)
 Malcolm Leadership
 John Norby

Mr. and Mrs. M. W. Proudfoot (The Broadway)
 Eve Rich (Contempo Casuals)
 Alfonso Schettini (Robinson's)
 Floyd R. Sigma Simpson Memorial
 Vance L. Stickell (Los Angeles Times)
 Wilfred C. Stroud (Strouds)
 Joseph T. Taylor Memorial
 H. Jean Waldrop
 Julia Wilstein Memorial
 Howard and Frances Wood
 William Yingling III (Lucky Stores)

School of Education **

Georgia Mae Adams Memorial
 Mary Ann Alia Memorial
 Joyce Bourke Memorial
 California Retired Teachers Association, Los Angeles
 California Retired Teachers Association, Pasadena-Foothill
 California Retired Teachers Association, Laura E. Settle
 California State Association of Emblem Clubs
 David Chen
 Cleo Cook Memorial
 Friends of Library Services Credential
 Friends of the School of Education
 Eduardo Gaytan
 Jason Daniel Graham
 Leroy and Marion Grant
 Mort Herz
 Andy and Phyllis Krinock
 Lena and Dominic Longo
 Longo Fellowship
 Fred Lull
 National Council of Women Administrators
 Susan Beyer Nichols Fellowship
 Numrich Family
 OBRA
 Nina Elloway Putnam Memorial
 James M. Rosser
 Trixie Ann and Delwyn G. Schubert
 Carol J. Smalenburg Fellowship
 Harry Smalenburg
 Margaret A. Thornton
 Mikio and Margaret Tochioka
 Marian E. Wagstaff
 Diane E. Watson

School of Engineering and Technology **

Alumni Association
 Barnes and Noble
 California Council of Civil Engineering and Land Surveyors
 Department of Water and Power
 Engineering Graduate Fellowship
 Fire Protection Administration
 Richard A. Griffin Memorial
 Richard J. Hoffman

** Scholarships in these schools may show a preference for students in a certain option or area of concentration within a particular major

Ralph Lockard
 Minority Engineering Program

Dennis Monge
 National Action Council for Minorities in Engineering
 Alex Radin/Electric Power
 TRW/Coy
 David and Susan Wilstein
 Fred W. Zahrt, Jr., Epsilon Pi Tau Memorial

School of Health and Human Services

Barnes and Noble

Child Development Program
 Marion and Louie Fiske Memorial

Communication Disorders Department

Shirley Anne Fleming Memorial
 Elise Hahn
 Janet Jeffers
 Michael Reitinger Memorial Fellowship

Criminal Justice Department

Rosalyn Jung Memorial

Family Studies and Consumer Sciences Department

Edward L. Butterworth (Fedco)
 William S. Davila (Vons Companies, Inc.)
 Bertha Gregory Achievement Award
 Raymond E. Klauer (May Co. of California)
 Louis A. Kwicker (Wherehouse Entertainment)
 Mr. and Mrs. M. W. Proudfoot (The Broadway)
 Eve Rich (Contempo Casuals)
 Vance L. Stickell (Los Angeles Times)
 William Yingling III (Lucky Stores)

Health Science Department

Saxon C. Elliot

Nursing Department

Esther Walker Buccieri Fellowship
 Athalie Clark
 Dalby/Proudfoot Nursing
 Louise Savage Memorial
 Frank and Helen Shepherd Memorial

Physical Education and Recreation/Leisure Studies Department

David "Deacon" Jones/Kellee Paterson
 Dan Towler

School of Natural and Social Sciences

Barnes and Noble

Anthropology Department
 Altadena NAACP Anthropology
 David Miller

Biology Department

Ron and Nan Okum
 Joseph Sacher Memorial

Chemistry and Biochemistry Department

Alpha Therapeutic Corp.
 Lloyd N. Ferguson
 Jack Spielman Memorial
 TRW/Coy

Chicano Studies Department

Urban Pacific Development Corp.

Geography and Urban Analysis Department

Dennis Chong Memorial
 Rosalva Garcia Memorial

Geological Sciences Department

Chance and Dana

Robert Stone Fellowship

Martin L. Stout

Aaron Waters

History Department

Dr. and Mrs. David Miller

Howard Starret Memorial

Latin American Studies Program

David Miller

Mathematics and Computer Science Department

Charles Clark

Farmers Insurance Group

Lewis and Urner

TRW/Coy

Microbiology Department

Alpha Therapeutic Corp.

Lupe Elias-Exposito Memorial

Elizabeth Tamblin Memorial

Physics and Astronomy Department

Larry Chu - Physics

John Munger

TRW/Coy

Political Science Department

Hector Elizalde

Psychology Department

Charles Wang

Sociology Department

David Miller

Professor Richard Otto Nahrendorf

General

Michael F. Abbadessa

Alpha Gamma Sigma

Angel/Dodger Wives

Asian Support Group

Associated Students

Barnes and Noble

Baseball, Men's

Basketball, Men's and Women's

Black Support Group

Helen Pyral Brocklehurst

Cal State L.A. Outstanding Freshman Honors

Chinese-American Women

College Women's Club of Pasadena

Adolph Coors Company

CSU Scholarship Program for Hispanic Students

Emeriti Fellowship

Michael Estevez/Martin Sheen

Faculty Wives Special Fund

Farmers Insurance Group

Samuel Freeman

General Education Honors

General Motors Endowed

Golden State Minority

Graduate Equity Fellowship

John A. Greenlee

Hispanic Support Network

B. L. Hoyt Memorial

Martin Luther King - Associated Students

Rosemary Low

Yau-Kong Luk Memorial

Dr. Juanita Mantovani Memorial

Maryann C. Moore Memorial

Belva Owens

Jacobo M. Patlan

Phi Kappa Phi Honor Society

James R. Power and Mary Gardner Power

President's

Mabel Wilson Richards

Security Pacific Automation Co. (SPAC)

George P. Smith Memorial

Soroptomist International of Alhambra - San Gabriel

Derick and Yoko Tagawa/Lee Grant

Elise Tashjian Memorial

TELACU

Trustees' Award for Outstanding Achievement

Alan Pattee Scholarships

Children of deceased public law enforcement or fire suppression employees who were California residents and who were killed in the course of law enforcement or fire suppression duties are not charged fees or tuition of any kind at any California State University campus, according to the Alan Pattee Scholarship Act, Education Code Section 68121. Students qualifying for these benefits are known as Alan Pattee scholars. For more information, contact the Scholarship Office, (213) 343-3266, and the Cashier's Office, (213) 343-3630.

Center for Student Life

The Center for Student Life, located on the fourth floor of the University-Student Union, provides professional advisement to students interesting in becoming involved in various campus organizations, programs, and activities. Services include advisement to clubs and organizations, new student orientation programs, coordination of special campuswide programming and events, student leadership training, campus and community service opportunities, and special support services for women.

Student involvement opportunities are provided in a variety of activities ranging from membership in small interest groups to service with faculty members and administrators on major policy-making committees. A wide variety of clubs, interest groups, commissions, councils, and committees gives all students a chance to participate in and contribute to day-to-day life on campus.

Students also are welcome to join in cocurricular activities sponsored by more than 100 student clubs and organizations. These groups function on campus under charter provisions established by the CSU Board of Trustees. The Center for Student Life administers these provisions to provide official university recognition of student organizations. These organizations represent every phase of student life—academic, social, cultural, religious, and political. Clubs related to academic programs are organized in such areas as education, engineering, foreign languages, social and political science, business, natural sciences, computer science, mathematics, psychology, and fine arts. Other clubs promote service to the campus and community and reflect the campus' culturally diverse student body.

Sororities and Fraternities

A traditional part of campus life for many Cal State L.A. students is membership in Greek organizations which offer the chance to meet new friends and participate in an extensive program of activities. The Interfraternity/Sorority Council coordinates sorority and fraternity activities. In addition to social functions, these organizations are involved in various campus and community projects and provide housing for a limited number of their members.

Sororities

Alpha Theta Pi
Delta Zeta
Gamma Phi Chi
Kappa Zeta Phi
Theta Gamma Chi
Zeta Phi Beta

Fraternities

Alpha Chi Phi
Alpha Phi Omega
Beta Omega Phi
Phi Beta Sigma
Phi Sigma Kappa
Sigma Alpha Epsilon
Sigma Nu
Zeta Beta Tau

New Student Orientation Programs

New student orientation programs are planned for new students of all class levels (including graduates) to introduce them to Cal State L.A. These programs are usually held shortly before registration; the dates appear in the *Schedule of Classes* each quarter. Participating students are welcomed by campus administrators and student leaders, given valuable information by faculty advisers, invited to participate in small group sessions with trained student leaders, and assisted in registering for classes. Individual questions are answered and valuable contacts made. More information is available at the Center for Student Life, University Student Union, phone (213) 343-3390.

Women's Programs

The Women's Resource Center provides a variety of useful information, referrals, and supportive services related to the needs of women. Programs include workshops, seminars, and discussion and support groups. In coordination with other on-campus and community agencies, the Women's Resource Center provides resources in such areas as career guidance, legal assistance, and health care. An important service of the Women's Resource Center is to provide a place where women can meet in an informal atmosphere of support and encouragement. All students are invited to participate in the activities of this center which is located in University Student Union 425.

Educational Participation in Communities (EPIC)

EPIC is a student volunteer service that encourages Cal State L.A. student involvement in off-campus community service. EPIC volunteers gain valuable paraprofessional experience and personal development as tutors, hospital aides, teaching aides, counselors, probation officer aides, recreation leaders, etc. Several departments offer academic credit for student participation in community service activities. The EPIC office is located in the Career Center.

Learning Resource Center (LRC)

The Learning Resource Center (LRC), located in Library South 1040A, provides learning support services to help students succeed academically. The following services are included.

Learning Resources Program (LRP)

The Learning Resources Program (LRP) offers a learning resources library, Entry Level Math (ELM) workshops, and Writing Proficiency Examination (WPE) services. The LRP is located in the LRC, phone (213) 343-3968.

Learning Resources Library. Self-paced learning materials are available in mathematics, writing, reading, study skills, vocabulary, and GRE and CBEST test preparation. Faculty place class-related support materials in the LRP library to supplement classroom instruction. High-speed cassette duplication facilities and audio cassette and video tape players are available for student use.

Special Services Project

A federally funded program that operates under the auspices of the U.S. Department of Education, the Special Services Project (SSP)

strives to assist participants in successfully pursuing a university degree by providing the necessary support services needed for success in college. Low income students, first generation college students, and students with disabilities are eligible for SSP services. The SSP assists participants in English as a second language, study groups, reading improvement, counseling and advisement. The SSP office is located in the LRC, phone (213) 343-3965.

Study Skills Workshop Program

The LRC offers a schedule of study skills workshops each quarter about such topics as note taking, test taking, textbook reading, time management, term paper writing, motivation, and stress management. Schedules of current quarter workshop offerings are available at the LRC information window, Library South 1040A.

Conversation Lab

Students whose first language is not English can practice English conversation skills in a friendly, informal setting from noon until 1 p.m. Monday through Thursday in the LRC Conversation Lab, Library South 1051. Volunteer conversation lab assistants who are Cal State L.A. students, faculty, and staff members lead informal conversation groups with non-native speaking students to help them gain confidence and skill in English conversation.

Testing Center

The University Testing Center, located in the LRC, phone (213) 343-3160, administers the American College Test (ACT), English Equivalency Examination (EEE), English Placement Test (EPT), Entry Level Math (ELM) exam, Graduate Management Admission Test (GMAT), Graduate Record Examination (GRE), Scholastic Aptitude Test (SAT), Test of English as a Foreign Language (TOEFL), and the university's Writing Proficiency Examination (WPE) and placement examinations for chemistry, engineering, mathematics, and nursing courses. In addition, information bulletins for national and local testing programs such as the California Basic Educational Skills Test (CBEST), the Law School Admission Test (LSAT), etc., are available.

English Placement Test (EPT) and Entry Level Mathematics (ELM) Examinations. The EPT and ELM are given once each quarter and are required before enrollment in English and mathematics courses as described in the Admission chapter. The testing dates appear each quarter in the *Schedule of Classes* and are available in the Testing Center. ELM workshops are offered each quarter before each ELM exam date.

Writing Proficiency Examination (WPE)

Information about the Writing Proficiency Examination (WPE) is available at the Testing Center. After taking the WPE and receiving the results, students may make an appointment to see a WPE coordinator or may register for a WPE workshop.

University Tutorial Program

Tutoring is provided free of charge to Cal State L.A. students in many general education and other undergraduate courses. Three types of tutoring are available:

- *One-to-one tutoring sessions* in which students meet individually with a tutor on a scheduled weekly basis.
- *Group tutoring sessions* in which two or more students meet as a group with a tutor on a scheduled weekly basis.
- *Drop-in tutoring sessions* in which students can meet with tutors who are scheduled throughout the week to provide immediate tutoring in a variety of subjects.

Peer tutors assist students to become more confident, effective, independent learners. At the start of each quarter, a list of the courses for which tutoring is available is posted outside the Tutorial

Program office in the LRC, Library South 1062A, phone (213) 343-3971.

Student Health Services

Medical Services

The Student Health Center provides basic outpatient student health care, limited in scope and hours. Most services are available without charge; however, certain augmented services such as medication prescriptions and preventive dental care require small fees. Students may consult doctors and nurses in person or by calling (213) 343-3302 for an appointment.

Upon entering the university, all new and returning students are required to present evidence of a negative tuberculin skin test or chest x-ray. These tests are available at the center, for a nominal fee, as part of the registration process. Those who were born after January 1, 1957, must also present acceptable proof of measles and rubella immunization (available free of charge at the center).

In the event of severe illness requiring hospitalization, students are referred to private or community facilities. A referral file of community medical and social resources is maintained.

Because on-campus services may not meet year-round health needs of students, enrollment in a program of supplemental health insurance is recommended. Information about one such program is available at the center.

Personal Counseling

The center is a place where you can receive individual support and attention with concerns such as personal adjustment, improving relationships, and clarifying alternatives. It is a place where individuals can explore their feelings, values, and concerns in an atmosphere of understanding and confidentiality. Students can make an appointment in person or by calling (213) 343-3331.

University Writing Center

The University Writing Center, located in Library South 2098, provides individual and group tutoring, writing workshops, and other services to meet the writing needs of undergraduate and graduate students. Both one-time and standing appointments are available. Writing Center tutors have been trained to provide constructive feedback and to assist students in recognizing and overcoming their writing problems. Tutors help students to get started, generate ideas, organize materials, and revise and proof read papers and provide guidance, direction, and insight into how to make writing more effective. Learning to write well is an important intellectual skill and one that is essential to achieving academic and career goals. The Writing Center staff is available to all students who desire feedback on their writing skills and provides consultation to assist faculty in effectively integrating writing in their classes. More information and appointments are available by calling (213) 343-5350.

Other Services and Programs

Child Development Center

The Anna Bing Arnold Child Care Center provides part-time or full-time day care at a nominal cost for children between the ages of two and five years whose parents are students, staff, or faculty at Cal State L.A. The center is located at 2300 Levanda St. in Los Angeles, adjacent to the campus. The attractive, residential style building with a large, fully fenced yard was designed to serve as a learning environment for Cal State L.A. students as well as for children. Applications and information are available by calling (213) 343-2470.

International Student Services

Cal State L.A. is home to one of the largest populations of international (visa) students in the U.S. From more than 120 countries, students choose Cal State L.A. because of its excellent undergraduate and graduate programs, its ample on-campus housing (including the International House), its location in the heart of Los Angeles County, and the professional services provided by International Student Services. In addition, a growing number of visiting scholars select Cal State L.A. as a site to engage in specialized teaching or research assignments.

For the benefit of Cal State L.A. faculty and students, International Student Services, located in the Student Housing Complex, phone (213) 343-3170, maintains a full-service study abroad office with the following five divisions:

Foreign Student and Scholar Advising Services. Provides assistance to visa students and scholars in such areas as academic and cultural adjustment and social and recreational activities.

Immigration Counseling Services. Provides assistance to visa students, foreign scholars, and foreign faculty with visa issuance (F, H, and J visas, etc.), maintaining student status, and matters involving the U.S. Immigration Service.

Study Abroad Advising Services. For Cal State L.A. students and faculty, International Student Services maintains a full-service study abroad office. Students, staff, and faculty may take advantage of the advising services for study abroad. Programs and services include:

- The CSU International Programs (IP)
- Fulbright and Rotary fellowship programs
- Independent overseas study options (e.g., language schools)
- International Student Exchange Program (ISEP)
- International student identification cards
- Special travel/study and exchange programs

Practical Training Services. Students eligible for practical training may seek help from Practical Training Services to identify practical training employers and to help monitor their work experience. Employers may call upon Practical Training Services for assistance in locating eligible students and in establishing close ties between the visa student and business communities.

Special Programs and Services. Services include housing the Southern California/Argentina (Buenos Aires) chapter of the *Partners of the Americas*, sponsoring the Cal State L.A. chapter of *Phi Beta Delta*, the honor society for international scholars, and providing consulting services to education, government, business, and industry about international education matters.

Office for Students with Disabilities

The Office for Students with Disabilities (OSD) provides services designed to make the educational and social experiences of students with disabilities as similar as possible to those of students without disabilities.

Students with verified disabilities, both permanent and temporary, are provided appropriate disability-related services from the following list:

- Assistance with application for admission
- Orientation to services available through OSD
- Priority registration for classes
- Registration and program change assistance
- Handicapped parking privileges
- Referrals to additional services on and off campus
- Referrals to off-campus resources

- Disability management counseling
- Special test-taking accommodations
- Note takers
- Readers
- Interpreters (sign language)
- Test proctors
- Lab assistants

In addition the services provided by OSD, the following equipment is available for loan to students with disabilities:

- Wheelchairs (electric and manual)
- Special tape recorders for students who are blind or learning disabled
- Standard tape records
- Visualtek machines
- Apple IIe computer
- Braille-printer for computer
- Brailers
- Speech synthesizers for campus computers
- Campus minibus with wheelchair lift
- Optacon
- Telecommunication Device for the Deaf (TDD)

The Office for Students with Disabilities is located in Student Affairs 115, phone (213) 343-3140 (TDD 343-3139).

Student Housing—The Residential Community

The residential community at Cal State L.A. offers an excellent "home away from home" for more than 1,000 students. One hundred thirty-two two-bedroom and 64 four-bedroom suites are fully furnished (including carpeting and drapes throughout), air conditioned, and equipped with stoves, microwave ovens, and refrigerators.

Within the residential community are two community centers, each containing office space, a recreation/games room, lounge, mail and laundry facilities, and conference meeting rooms. In addition, specially designated, fenced, well-lit parking areas are available, as are separate basketball and volleyball courts, both lit for night use. Other intramural facilities are available, also.

There are 25 live-in staff members (23 resident assistants and two resident directors) whose primary function is to help students and their neighbors build and maintain a sense of community.

Students are encouraged to apply for on-campus housing. The staff welcomes phone calls, visits, and mail inquiries. For more information and application materials, contact the Office of Residence Life and Housing Services at 5300 Paseo Rancho Castilla, Los Angeles, CA 90032-8647, phone (213) 343-4800.

Assistance in locating off-campus housing is provided, also, by Residence Life and Housing Services. The office maintains files that contain names, addresses, telephone numbers, rental prices, and other pertinent information about privately owned living accommodations. Listings include rooms with or without board, work in exchange for room and board, furnished and unfurnished apartments and houses, and opportunities to share. Service is limited to maintenance of lists; no rating or inspection service is provided and Cal State L.A. does not arbitrate negotiations between householders and prospective tenants.

University-Student Union

The University-Student Union (U-SU), phone (213) 343-2450, is the focal point of extracurricular interaction for the university community. Students, staff, faculty, alumni, and invited guests participate in social, cultural, recreational, and educational activities.

Facilities and services include the Rack 'n' Roll game room, Le Cafe (a specialty coffee-pastry bar), an information/ticket service, the Student-Alumni Lounge, and a variety of S•U•P•E•R-sponsored programs described below. The Union also offers a full range of meeting rooms, information services, lounge and study areas, employment opportunities, as well as student activities and special events.

Board of Directors. Policy and governance is established by the University-Student Union Board of Directors which is composed of thirteen voting members including seven students. The board develops administrative policies that affect the management of the building. Much of the board's work is conducted through a committee structure that includes fiscal, personnel, space allocation and building usage, S•U•P•E•R, and executive committees. Meetings are open to the public, and attendance is encouraged.

Central Reservations. This office coordinate all nonacademic scheduling of campus facilities for on- and off-campus groups. Meeting rooms, conference facilities, audio-visual equipment, and parking for conferences, retreats, receptions, and social events can be reserved through this office.

Student Union Programming, Entertainment, and Recreation Committee. S•U•P•E•R plans and implements a wide variety of student activity programs. Planned and coordinated by students, these programs include comedy nights, film series, social issues series, lectures, dramatic performances, concerts, coffee house entertainment, and special events such as an annual Haunted House and Mardi Gras.

A nine-member planning committee meets to review, select, plan, and evaluate programs for the campus community. Students who volunteer for S•U•P•E•R learn skills such as budgeting, contract negotiation, organization, evaluation, and planning and have a chance to represent Cal State L.A. at regional and national conferences. Detailed information is available at the S•U•P•E•R office, University-Student Union 234, phone (213) 343-5110.

Other offices and services located in the University-Student Union include the Cal State L.A. Alumni Association, the Annex (a campus convenience store), the Associated Students Incorporated (ASI) offices and computer lab, the Cal State L.A. Federal Credit Union, the Center for Student Life offices, the Pan-African Student Resource Center, Pumpemkies Deli, the Pub, University Auxiliary Services Inc. offices, the University Square Bookstore, and World Vista Travel.

University Square Bookstore

The University Square bookstore, operated by University Auxiliary Services, Inc., is located on the street and lower levels of the student union. Textbooks, other books, software and hardware items, study materials and supplies, gift items, a copy center, a flower shop, and the Annex (a convenience store with various food and sundry items) are available.

World Vista Travel

The travel agency offers all types of air and land, cruises, charters, student fares, and other travel services and is located on the first floor of the union, phone (213) 343-4999. As part of the Association of California University Travel Agents, the agency provides numerous student discount travel programs.

Veterans' Services

Cal State L.A. is approved for the training of veterans of the military services and their dependents under educational assistance programs established by the state and federal governments. Authorization for training under all federal bills must be obtained from the Veterans Administration through its regional office at 11000 Wilshire Boulevard, Los Angeles, CA 90024. Veterans with

no prior training under the G.I. bills are urged to request their letter of eligibility at least two months before enrolling. Those transferring from another school should submit their transfer request at least one month before enrolling.

The Veterans' Services Office, located in Administration 401, (213) 343-3942, provides enrollment certification for financial benefits and serves as a liaison between the university and the VA regional office about benefit payments and advisement about current benefits. Information about changes in legislative regulations and procedures also is available.

Children of Disabled Veterans

Students who qualify as children of certain disabled veterans of U.S. military services may be exempted from paying any student services portion of the registration fees, according to the *California Education Code*. Information about eligibility requirements and applications for waiver of these fees are available in the Office of Veterans' Services.

Student Activities

Student Government

The Associated Students, an incorporated organization in which all students hold membership, is managed by a board of directors composed of elected student officers. This body formulates policy and handles the business affairs of the student body.

Commissions plan and direct student activities, including rallies, elections, tutorial projects, cultural activities, and general convocations. Public performances feature noted musicians, films, and guest speakers.

Students serve with representatives of the faculty and administration on academic committees, governing boards, and commissions. Through such membership students engage in development of policy and in planning and implementation of activities such as publications and athletics programs.

Special Interest Groups

Art Exhibitions

The Department of Art schedules exhibits in its gallery of works by established professional artists as well as by students and faculty. Graduate student exhibitions are held at the end of each quarter.

Communication Activities

Forensics teams participate in debate and individual events in prominent intercollegiate tournaments. Students interested in broadcast journalism produce a campus television news program. The Reader's Theatre group offers frequent public presentations. Students in the journalism program produce the *University Times*. Students may earn credit for participation in these programs by enrolling in appropriate activity courses in the Department of Communication Studies.

Dance

The *University Dance Ensemble* offers the student experiences in performing, choreographing, costume designing, lighting, and composing sound for dance. Performances vary in number each year and range from mini-concerts to full productions. Membership is open to anyone who has a strong interest in dance theatre and is able to fulfill the purposes and functions of the organization.

Students who participate must enroll in dance courses in the Department of Theatre Arts and Dance. In the fall and spring quarters, students interested in dance performance visit four local elementary and high schools, presenting lecture-demonstrations for children and youth.

Intramurals

The Department of Physical Education and Recreation/Leisure Studies offers a variable selection of intramural sports and activities for all men and women at Cal State L.A. Opportunities range from varied recreational interests to highly competitive Intramural Leagues. Students may enroll for credit in an intramurals course, PE 110.

Musical Events and Organizations

The Associated Students cooperates with the Department of Music in offering an extensive program of musical events. Students enroll for academic credit in music activity courses as members of various performance organizations. Each organization has a regular performance schedule and performs several times each year both on- and off-campus.

Some concerts are held during the noon hour; others are scheduled at night or on weekends. Membership is open to all students who wish to participate. The Chamber Singers, Concert Choir, Jazz Ensemble I, Vocal Jazz Ensemble, and Woodwind Ensemble require an audition. Music organizations include:

<i>Musical Organization</i>	<i>Course Number</i>
Brass Ensemble	MUS 422
Chamber Singers	MUS 425
Concert Choir	MUS 326
Jazz Ensemble	MUS 424
Jazz Ensemble (small)	MUS 429
New Music Ensemble	MUS 438
Opera Workshop	MUS 426
Percussion Ensemble	MUS 423
String Ensemble	MUS 420
Symphonic Band (includes a Wind Ensemble)	MUS 320
Symphony Orchestra	MUS 321
Vocal Jazz Ensemble	MUS 328
University Chorus	MUS 327
Woodwind Ensemble	MUS 421

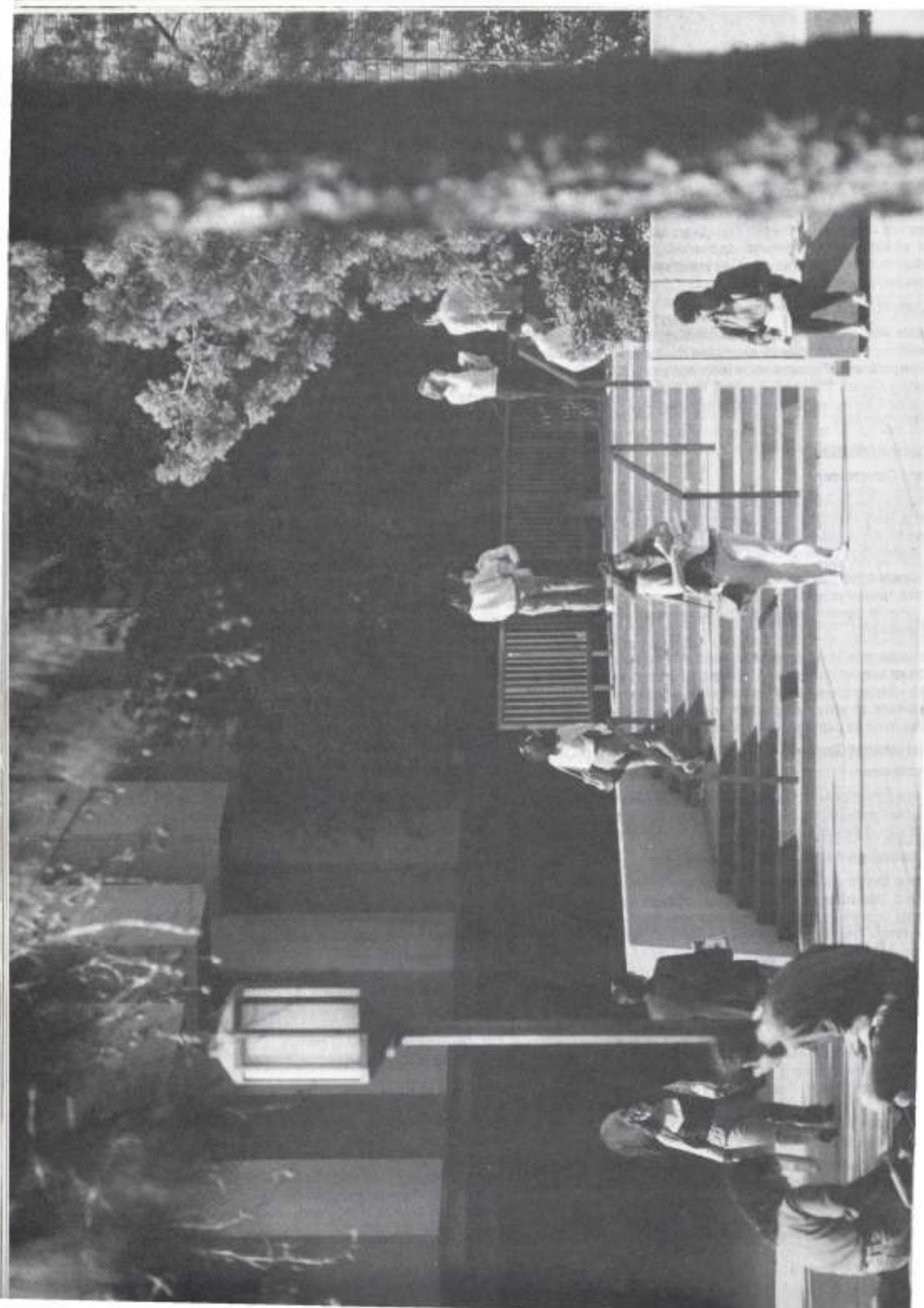
Student Publications

A wide variety of student publications represents the myriad academic and professional interests of Cal State L.A.'s student body. A partial list of these publications appears below. For information about being involved in—or receiving—a particular publication, interested students should contact the appropriate department or office indicated below.

<i>Publication</i>	<i>Department/Office</i>
California Anthropologist	Anthropology
Cal State L.A. Engineer	Engineering and Technology
Statement	English
The Looking Glass	Psi Chi/Psychology
The Literary Gazette	Foreign Languages and Literatures
University Times	Communication Studies
Perspectives: A Journal of History	Department of History

Theatrical Productions

The Department of Theatre Arts and Dance offers comprehensive programs in play and dance production and children's theatre. The department presents ten or more major productions during the year, including musicals, dance concerts, and a series of student productions in the 7/11-Brownbag Theatre and Theatre for the 21st Century projects. All students are eligible to audition for plays or apply for backstage assignments. Students may earn credit by enrolling in TA 100 or 300 and, when cast in major productions, must enroll in TA 310.



ADMISSION

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ADMISSION

California State University, Los Angeles undergraduate admission requirements are set in accordance with Title 5, Chapter 1, Subchapter 3 of the *California Code of Regulations*. Prospective applicants who are unsure of the requirements are encouraged to consult a high school or community college counselor or to contact Cal State L.A.'s Office of School and College Relations and Preadmission Counseling, Student Affairs 123, phone (213) 343-CSLA.

Cal State L.A. admits students as first-time freshmen, those from community colleges and degree-granting colleges and universities as undergraduate transfer students, and those who hold an acceptable baccalaureate as postbaccalaureate or graduate students. Categories and requirements for admission to postbaccalaureate and graduate study are stated in the Graduate Programs section.

Importance of Filing Complete, Accurate, and Authentic Application for Admission Documents

Prospective students must supply complete and accurate information on the application for admission, residence questionnaire, and financial aid forms. Further, applicants must submit authentic and official transcripts of all previous academic work attempted. Failure to file complete, accurate, and authentic application documents may result in denial of admission, cancellation of academic credit, suspension, or expulsion (Section 41301, Article 1.1, Title 5, *California Code of Regulations*).

Residence Determination

The determination of whether students qualify as legal residents of California for admission and tuition purposes is made by a review of information in the residence questionnaire submitted by all applicants with their application for admission. For a summary statement about the principal rules and exceptions regarding residence determination see Appendix B.

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 at Cal State L.A. or any other CSU campus. Proof of measles and rubella immunizations shall also be required for certain groups of enrolled students who have increased exposure to these diseases. Verification of a negative tuberculin test or chest x-ray within the past year shall also be required.

Undergraduate Admission Requirements

First-Time Freshman Applicants

Applicants who have completed no college work will be considered for admission as first-time freshmen under one of the provisions described on the next page.

You will qualify for regular admission as a first-time freshman if you

- are a high school graduate,
- have a qualifiable eligibility index (see below), and
- have completed with grades of C or better the courses in the comprehensive pattern of college preparatory subject requirements (see Subject Requirements and Phase-In of the Subject Requirements). Courses must be completed prior to your first enrollment in The California State University.

Eligibility Index

The eligibility index is the combination of your high school grade point average and your score on either the American College Test (ACT) or the Scholastic Aptitude Test (SAT). For this purpose we base your grade point average on your final three years of high school, excluding physical education and military science, using a scale in which A=4.0, and awarding bonus points for certain honors courses (see Honors Courses).

You can calculate the index by multiplying your grade point average by 800 and adding your total score on the SAT. Or, if you took the ACT, multiply your grade point average by 200 and add ten times the composite ACT score. If you are a California high school graduate (or a legal resident of California for tuition purposes), you need a minimum index of 2800 using the SAT or 694 using the ACT. The table in Appendix A shows the combinations of test scores and averages required.

If you neither graduated from a California high school nor are a legal resident of California for tuition purposes, you need a minimum index of 3402 (SAT) or 822 (ACT).

Applicants with a grade point average higher than 3.0 (3.6 for nonresidents) are exempted from the test requirement. However, applicants are urged to take the SAT or ACT because all campuses use test results for advising and placement purposes.

You will qualify for regular admission when the university verifies that you have a qualifiable eligibility index and will have completed the comprehensive pattern of college preparatory subjects and, if applying to an impacted program, meet supplementary criteria. You will still qualify for regular admission, *on condition*, if you are otherwise eligible but are missing a limited number of the required subjects (see *Phase-In* later in this chapter). *Conditional admission* is an alternative means to establish eligibility for regular admission. Please consult a counselor if you have questions.

Subject Requirements

The California State University requires that first-time freshman applicants complete, with grades of C or higher, a comprehensive pattern of college preparatory study totaling 15 units. A *unit* is one year of study in high school.

- **English, 4 years**
- **Mathematics, 3 years:** algebra, geometry, and intermediate algebra.
- **U.S. History, or U.S. History and government, 1 year.**
- **Science, 1 year** with laboratory: biology, chemistry, physics, or other acceptable laboratory science.
- **Foreign language, 2 years** in the same language (or demonstration of equivalent competence).
- **Visual and performing arts, 1 year:** art, dance, drama/theater, or music.
- **Electives, 3 years:** courses selected from English, advanced mathematics, social science, history, laboratory science, foreign language, visual and performing arts, and agriculture.

Phase-in of the Subject Requirements

The CSU is phasing in the freshman subject requirements and during the phase-in period will admit, on condition, applicants who meet all other admission requirements but are missing a limited number of the required subjects. Students admitted on condition must make up missing subjects after enrolling in the CSU.

The phase-in schedule is:

- **Fall 1991–Summer 1992:** at least 13 of the required 15 units, including at least 3 of the units required in English and 2 of the units required in mathematics.
- **Fall 1992 and later:** full implementation of the 15-unit requirement expected.

Foreign Language Subject Requirement. This subject requirement may be satisfied by applicants who demonstrate competence in a language other than English equivalent to or higher than expected of students who complete two years of foreign language study. Consult your school counselor or any CSU campus admissions or relations with schools office for further information.

Subject Requirement Substitution for Students with Disabilities. Student applicants with disabilities are strongly encouraged to complete college preparatory course requirements if at all possible. Applicants who are judged unable to fulfill a specific course requirement because of a disability may substitute alternative college preparatory courses for specific subject requirements. Students who are deaf and hearing impaired, are blind and visually impaired, or have learning disabilities may, in certain circumstances, qualify for substitutions for the foreign language, laboratory science, and mathematics subject requirements.

Substitutions may be authorized on an individual basis after review and recommendation by the applicant's academic adviser or guidance counselor in consultation with the director of a CSU program for students with disabilities. Although the distribution may be slightly different from the course pattern required of other students, students qualifying for substitutions will still be held for 15 units of college preparatory study. Students should be aware that course substitutions may limit later enrollment in certain majors, particularly those involving mathematics. For further information and substitution forms, please contact the director of services for students with disabilities at your nearest CSU campus.

Honors Courses

Grades in up to eight semester courses designated as honors courses in approved subjects and taken in the last two years of high school receive additional points in grade point average calculations. Each unit of A in approved courses will receive a total of 5 points; B, 4 points; C, 3 points; D, 1 point; and, for F grades, none.

College Preparatory Courses Recommended

Most academic advisers agree that preparation for university study includes preparation in subjects beyond English and mathematics. Bachelor's degree curricula build upon previous study in the natural sciences, social sciences, visual and performing arts, foreign languages, and the humanities. Students planning to major in mathematics, the sciences (including computer science), engineering, premedicine, other science-related fields, business, or economics should complete four years of college preparatory mathematics. Students in the social sciences and preprofessional fields of study should include at least three years of college preparatory mathematics in their studies. Further, all students should include English and mathematics in the final year of high school.

Provisional Admission

Cal State L. A. may provisionally admit first-time freshman applicants based on academic work through the junior year of high

school and senior year planned courses. The campus will monitor the senior year work to ensure that those so admitted complete their senior year course work satisfactorily—including required college preparatory subjects—and graduate from high school.

Foreign High School Graduates

Applicants, except international (visa) students, who are graduates of secondary schools in foreign countries must be judged to have academic preparation and abilities equivalent to those of eligible California high school graduates. Cal State L.A. reviews the previous records of all such applicants; only those with promise of academic success equivalent to that of eligible California high school graduates are admitted. Such applicants are not required to take the ACT or the SAT except when specifically requested to do so.

Undergraduate Transfer Applicants

You will qualify for admission as a transfer student if you have a C (2.0) grade point average or better in all transferable units attempted, are in good standing at the last college or university attended, and meet any of the following standards:

- you meet the freshman admission requirements in effect for the term to which you are applying (see "Freshman Requirements" section).
- you were eligible as a freshman at the time of high school graduation and have been in continuous attendance in an accredited college since high school graduation or,
- you were eligible as a freshman at the time of high school graduation except for the subject requirements, have made up the missing subjects, and have been in continuous attendance in an accredited college since high school graduation,
- you have completed at least 56 transferable semester (84 quarter) units and made up any missing subject requirements (see "Making Up Missing College Preparatory Subjects"). Nonresidents must have a 2.4 grade point average (A = 4.0) or better.

For this requirement, transferable courses are those designated for that purpose by the offering college or university.

Making Up Missing College Preparatory Subject Requirements

Undergraduate transfer applicants who did not complete the subject requirements while in high school may make up missing subjects in any of the following ways. One college course of at least three semester or four quarter units will be considered equivalent to one year of high school study.

- Complete appropriate courses, each with a C grade or higher, in adult school or high school summer sessions; or
- Complete appropriate college courses each with a C grade or higher; or
- Earn acceptable scores on specified examinations.

Applicants with 56 or more transferable semester (84 quarter) units may complete, with a C grade or higher in each course, one of the following alternatives:

- **1987 or earlier high school graduates:** the CSU general education requirements in communication in the English language (at least 9 semester units) and mathematics (usually 3 semester units);
- **1988 or later high school graduates:** complete a minimum of 30 semester (45 quarter) units to be chosen from courses in English, arts and humanities, social science, science, and mathematics of at least equivalent level to courses that meet general education or transfer curriculum requirements. Each

student must complete all CSU general education requirements in communication in the English language (at least 9 semester units) and mathematics (usually 3 semester units).

Please consult any CSU admissions office for further information about alternative ways to satisfy the subject requirement.

Test Requirements

Freshman and transfer applicants who have completed fewer than 56 semester or 84 quarter units of transferable college work must submit scores from either the Scholastic Aptitude Test of the College Board (SAT) or the American College Test Program (ACT) unless exempted (refer to "Eligibility Index" earlier in this chapter). If you are applying to an impacted program and are required to submit test scores, you should take the test no later than early December if applying for fall admission or no later than November if applying to San Luis Obispo. Registration forms and the dates for either test are available from school or college counselors or from a campus testing office. Cal State L.A.'s Testing Office is located in the Learning Resource Center, Library South 1040C, phone (213) 343-3160. Or, you may write to:

The College Board (SAT)
Registration Unit, Box 592
Princeton, New Jersey 08541
(609) 771-7888

American College Testing Program (ACT)
Registration Unit, P.O. Box 168
Iowa City, Iowa 52240
(319) 337-2370

TOEFL Requirement

All applicants to the CSU, regardless of citizenship, whose preparatory education was principally in a language other than English must demonstrate competence in English. Applicants to Cal State L.A. who have not attended for at least three years schools at the secondary level or above where English is the principal language of instruction must earn a minimum score of 550 on the Test of English as a Foreign Language (TOEFL). Some other campuses also may require a score higher than the CSU minimum score of 500.

Systemwide Placement Tests Required of Most New Students

The CSU requires that new students be tested in English and mathematics after they are admitted. These are not admission tests, but a way to determine if you are prepared for college work and, if not, to counsel you how to strengthen your preparation. You might be exempted from one or both of the tests if you have scored well on other specified tests or completed appropriate courses. These tests are described later in this chapter in the section titled *Undergraduate Tests and Examinations*.

Credit for Nontraditional Learning Experiences

Credit for certain nontraditional learning experiences may be used in determining eligibility and credit allowances of undergraduate applicants. These nontraditional credit allowances are listed and described below. A more detailed analysis of each category appears later in this chapter under *Evaluation of Transfer Credit*.

CATEGORIES AND CREDIT ALLOWANCES

- Baccalaureate-level course credit certified by the Defense Activities in Nontraditional Education Support (DANTES) yields a maximum of 36 quarter units.
- Advanced Placement examinations of the CEEB with scores of 3, 4, or 5 yield 9 quarter units for each examination.

- For credit allowance for standardized external examinations, including CLEP, Advanced Placement, the CSU English Equivalency Exam, the American Chemical Society Cooperative Examination, see the explanations later in this chapter.
- For basic training in military service, 9 quarter units are awarded for 1 year or longer of active duty and 4 1/2 quarter units for 6 months to one year.
- Civilian and military courses and schools recommended for credit by the American Council on Education's Commission on Educational Credit and Credentials yield a maximum of 12 quarter units.

International (Visa) Student Admission Requirements

The CSU must assess the academic preparation of foreign (visa) students. For this purpose, "foreign students" include those who hold U.S. visas as students, exchange visitors, or in other nonimmigrant classifications.

The California State University uses separate requirements and application filing dates in the admission of international (foreign) students. Verification of your English proficiency (see the section of TOEFL requirement for undergraduate applicants), financial resources, and academic performance are all important considerations in your admission. Academic records from foreign institutions must be on file at least eight weeks before registration for the first term and, if not in English, must be accompanied by certified English translations.

Priority in admission is given to residents of California. There is little likelihood of nonresident applicants, including international (visa) students, being admitted to either impacted majors or to those with limited openings.

International (visa) applicants and all others who are not permanent U.S. residents will be admitted to Cal State L.A. only if they meet one of the following sets of requirements:

- Completion of two years (84 quarter units or equivalent) of acceptable college work with a minimum 2.4 grade point average as evaluated by the university (A = 4.0) and a minimum 550 score on the Test of English as a Foreign Language (TOEFL) or
- Graduation from a foreign high school where the language of instruction was not exclusively English, a minimum 2.4 grade point average in any college work attempted (as evaluated by the university), and a minimum 550 TOEFL score. The academic eligibility requirement for high school work is the same as for graduates of U.S. high schools outside California, although submission of ACT or SAT scores is not necessary; or
- Graduation from a foreign high school where the language of instruction was not exclusively English and a minimum 550 TOEFL score. The academic eligibility requirement is the same as for graduates of high schools outside California, although submission of ACT or SAT scores is not necessary. Foreign high school grade point average and course equivalencies will be determined by the university.

Applicants who have attended full time for at least three years either an accredited U.S. college or university or a foreign high school, college, or university where the exclusive language of instruction was English are exempted from the TOEFL requirement.

Variation from the TOEFL requirement will be considered by the Admissions Officer for applicants who have satisfied one of the following conditions:

- Graduation from a California high school after completion of at least one full year of academic course work. The academic

eligibility index requirement is the same as for other graduates of California high schools. Submission of a TOEFL score may be required, or

- Graduation from another U.S. high school, an accredited international high school, or a U.S. dependents' high school overseas after completion of at least one full year of academic course work. The academic eligibility requirement is the same as for U.S. residents who are graduates of U.S. high schools outside California. Submission of a TOEFL score may be required; or
- Graduation from a high school in a country where the exclusive language of instruction is English. The academic eligibility requirement is the same as for graduates of U.S. high schools outside California, although submission of ACT, SAT, or TOEFL scores is not necessary. Foreign high school grade point average and course equivalencies will be determined by the university.

In exceptional cases, the Admissions Officer may waive the TOEFL score requirement if recommended by the applicant's proposed major department or division. Variation from the minimum TOEFL score will be considered only for applicants with a B (3.0) grade point average as evaluated by the Admissions Office and whose TOEFL score is not more than ten points below 550.

The U.S. Immigration and Naturalization Service (INS) requires that F-1 visa undergraduate students carry a minimum study load of 12 quarter units. Visa students must have advance proof of adequate financial resources, be in good health, and comply with all Cal State L.A. and INS regulations. Consult International Student Services, (213) 343-3170, for information about visas, housing, and related matters. Application forms for international students, available at the Admissions Office, should be submitted during the initial filing period for the desired quarter of entry.

General Guidelines for Foreign Records

Applicants with foreign academic work are required to submit official copies of academic records, along with a certified English translation. Academic records should include: secondary school records; yearly records from each college or university attended, indicating the number of hours per semester or per year devoted to each course and the grades received; and official documents that confirm awarding of the degree, with the title and date.

All official documents submitted become the property of the university. The acceptability of any foreign work will be determined by the university.

Second Baccalaureate Applicants

Students who have earned a baccalaureate from an accredited institution may earn a second baccalaureate at Cal State L.A.; they are admitted as undergraduates when they specify such an objective on their application. Admission for all other postbaccalaureate objectives is described in the *Graduate Programs* section.

Special Admission Categories

Adult Students

As an alternative to regular admission criteria, applicants who are twenty-five years of age or older may be considered for admission as adult students if they meet the following conditions:

- Possess a high school diploma (or have established equivalence through either the Tests of General Educational Development or the California High School Proficiency Examination); and
- Have not been enrolled in college as full-time students for more than one term during the past five years; and

- If they have attended any college in the last five years, have earned a C (2.0) average or better.

Consideration is based on a judgment about whether the applicant is as likely to succeed as regularly admitted freshmen or undergraduate transfer students and will include an assessment of basic English language and mathematical computation skills. Questions should be directed in writing to the Director of Admissions.

Early Admission Program

Cal State L.A. will recognize outstanding academic achievement (3.4 grade point average or higher) of high school students by issuing an early admission commitment to such applicants conditional upon the earning of the high school diploma or its equivalent. Details about the Early Admission Program may be obtained from the Admissions Office.

Educational Opportunity Program (EOP)

The Educational Opportunity Program (EOP) provides assistance to undergraduate students who are disadvantaged because of their economic or educational background. EOP serves California residents who do not meet regular admission criteria, as well those who qualify for regular admission, if they have a history of low income and need academic and financial assistance.

In addition to special admission procedures, the program provides financial assistance, advisement by professional and peer counselors (usually upper division students), and access to the Learning Resource Center (LRC). Because not all EOP applicants can be guaranteed admission, alternative opportunities should be investigated. Applications and information may be obtained from the EOP office, Student Affairs 215, (213) 343-4EOP.

Early Entrance Program (EEP)

Cal State L.A.'s Early Entrance Program (EEP) serves highly gifted students who need the academic challenges of a university environment to develop intellectually, but who are chronologically younger than traditional undergraduates and who have not yet graduated from high school. Students who are less than 14 years old at the start of the fall quarter but who have at least started the seventh grade are candidates for the program. Participation is open by invitation, and admission is based on performance in an academic assessment inventory administered by the program director, personal interview of the applicants and their parents, and, when appropriate, interview of the gifted student program coordinator or principal of the applicants' home school.

EEP students begin by taking a limited number of units at Cal State L.A. while still enrolled at their home school. Those whose academic and personal performances are judged adequate may progress to full-time university enrollment on a gradual basis. Regular meetings with the program director are mandatory, and participation in scheduled activities is required. EEP students may apply for scholarship assistance and are eligible for the General Education Honors Program when they have become full-time students. For further information contact the EEP director at (213) 343-2250.

High School Students

Students still enrolled in high school are considered for enrollment in certain special programs if recommended by their principal and the appropriate campus department or division chair and if their preparation is equivalent to that required of eligible California high school graduates. Such admission is only for a given program and does not constitute the right to continued enrollment. Two such Cal State L.A. programs are described in the following paragraph.

Accelerated College Enrollment (ACE) and Pre-Accelerated College Enrollment (PACE)

The ACE program is designed for high school seniors and juniors and the PACE program is available for mentally gifted or talented ninth and tenth graders. Through the ACE and PACE programs, eligible students enroll in selected regular college courses and receive college credit for them. These programs are coordinated by the Director of School and College Relations/Preadmission Counseling, Student Affairs 123, (213) 343-CSLA. Admission to these programs does not necessarily constitute the right to continued enrollment.

High School Nongraduates

Applicants over 18 years of age who have not graduated from high school are considered for admission only when their preparation in all other ways is such that Cal State L.A. believes their promise of academic success is equivalent to that of eligible California high school graduates. These applicants are required to submit General Educational Development (GED) test scores in order to establish high school graduation equivalence, and an official high school transcript that shows all work completed to the last date of attendance. Scores on the ACT or SAT also are required.

Veterans

Veterans of U.S. military service who are California residents may be admitted as either first-time freshmen or undergraduate transfers, even though such applicants are not otherwise eligible. Veterans who wish to be admitted under this provision should contact the Admissions Office.

Applicants Not Regularly Eligible

Applicants not admissible under one of the above provisions should enroll in extension courses, a community college, or another appropriate institution in order to meet eligibility requirements. Only under the most unusual circumstances and by authorized action will such applicants be admitted to Cal State L.A. without additional academic preparation as described above.

Undergraduate Application Procedures

Prospective students, applying for part-time or full-time programs, in day or evening classes, including those seeking a second or subsequent bachelor's degree, must file a complete application as described in the CSU application booklet, within the appropriate filing period, at the campus of first choice. The \$55 nonrefundable application fee should be in the form of a check or money order payable to *The California State University* and may not be transferred or used to apply to another term. Applicants seeking financial aid should follow instructions in the application booklet.

Undergraduate applicants need file only at their first choice campus. An alternative choice campus and major may be indicated on the application, but applicants should list as alternative campus only that campus of *The California State University* that they can attend if the first choice cannot be honored. Generally, an alternative degree major will be considered at the first choice campus before an application is redirected to an alternative choice campus. Applicants will be considered automatically at the alternative choice campus if the first choice campus cannot accommodate them.

A request for change of campus after an application has been filed should be directed to the new choice of campus for approval and determination that space is available. If the request can be met, the new first choice campus will direct the request to the original first choice campus for a transfer of the application. Such a change cannot be guaranteed, but will be accomplished if possible, and only for the term for which the application was filed.

The CSU application booklets may be obtained at Cal State L.A. in Administration 101, from the admissions office of any other CSU campus, or at any California high school or community college.

Use of Social Security Number

Applicants are required to include their Social Security account number on CSU applications for admission pursuant to the authority contained in Title 5, *California Code of Regulations*, Section 41201. The Social Security account number is used to identify records pertaining to the student and to identify the student for purposes of financial aid eligibility and disbursement and the repayment of financial aid and other debts payable to the institution. Cal State L.A. uses the student's Social Security number as the official means of student identification and refers to the number as the student's Student Identification Number (SID). On most student forms, the name is abbreviated as SID.

APPLICATION FILING PERIODS

<i>Terms in 1991-1992</i>	<i>Applications First Accepted</i>	<i>Student Notification Begins</i>
Summer Quarter 1991	Feb. 1, 1991	March 1991
Fall Quarter 1991	Nov. 1, 1990	Dec. 1990
Winter Quarter 1992	June 1, 1991	July 1991
Spring Quarter 1992	Aug. 1, 1991	Sept. 1991

Filing Period Duration

Each campus accepts applications until capacities are reached. Most campuses accept applications up to a month before the opening day of the term. Some campuses will close individual programs as they reach capacity.

International (Visa) Applicants

Application filing periods for international (visa) applicants differ from those for domestic applicants because of additional time required in evaluating records and preparing necessary documents for the Immigration and Naturalization Service (INS). The filing periods are established as follows:

<i>Quarter</i>	<i>Application Filing Period</i>
Fall Quarter	November 1-30
Winter Quarter	June 1-30
Spring Quarter	August 1-31

The Admissions Officer may waive this advance application requirement if circumstances warrant. In addition to the academic requirements outlined earlier in this chapter, international students must have competence in the English language, financial resources adequate to provide for all expenses during their period of study at Cal State L.A., and must be in good health.

Application Acknowledgement

You may expect to receive an acknowledgment of your application from your first choice campus within two to four weeks of filing the application. This acknowledgement will also include a request that you submit the records (transcripts and test scores) necessary for the campus to evaluate your qualifications. You may be assured of admission if the evaluation of your qualifications indicates that you meet admission requirements. Such a notice is not transferable to another term or to another campus.

Transcript and Admission Test Score Requirements

Undergraduate transfer students are required to comply with the following transcript and test score requirements as part of the

application procedures for admission. Classifications of applicants apply as of the date of intended enrollment.

Applicants with fewer than 84 quarter units completed

Transcripts: One from high school of graduation;
two from each college attended
Test Score: ACT or SAT.

Applicants with 84 or more quarter units completed

(also graduate and second baccalaureate applicants)
Transcripts: Two from each college attended

Returning Students

Transcripts: Two from each college attended since last enrollment at Cal State L.A. unless otherwise notified by the Admissions Office. Two from each college attended before Cal State L.A. if student last attended Cal State L.A. more than one year ago.

Engineering Majors

Transcripts: Two from high school of graduation;
two from each college attended

Nursing Majors

Transcripts: One sent directly to Admissions Office;
one to Department of Nursing
CAUTION: Transcripts must be sent directly from each college and school of nursing attended.

Transcripts must be sent directly from the institutions involved to Cal State L.A.'s Admissions Office. All transcripts become university property and will not be released or copied, except for students who request that their application be redirected to another CSU campus. Processing of applications cannot be guaranteed unless all required documents and test scores are received during the appropriate application period. Transcripts are retained one year for applicants who do not enroll in the quarter of application or who send transcripts but do not file an application.

Locally and Systemwide Impacted Programs

The CSU designates academic programs to be impacted when more applications are received in the first month of the filing period than the spaces available. Some programs are impacted at every campus where they are offered; others are impacted at some campuses but not all. You must meet supplementary admission criteria if applying to an impacted program.

The CSU announces before the opening of the fall filing period which programs are impacted and the supplementary criteria campuses will use. That announcement is published in the *CSU School and College Review*, distributed to high school and college counselors. We will also give information about the supplementary criteria to program applicants.

You must file your application for admission to an impacted program during the first month of the filing period. If you wish to be considered for impacted programs at two or more campuses, you must file an application to each campus. Nonresident applicants—foreign or domestic—are rarely admitted to impacted programs.

Supplementary Admission Criteria

Each campus with impacted programs uses supplementary admission criteria in screening applicants. Campuses are authorized to use a freshman applicant's ranking on the eligibility index, a transfer applicant's overall grade point average, and a combination of campus-developed supplementary criteria. If you are a freshman applicant and plan to apply to an impacted program, you should take the ACT or SAT no later than December if applying for the following fall term.

The supplementary admission criteria used by individual campuses to screen applicants appear periodically in the *CSU School and College Review* and are sent by the campuses to all applicants seeking admission to an impacted program.

Unlike unaccommodated applicants to locally impacted programs, who may be redirected to another campus in the same major, unaccommodated applicants to systemwide impacted programs may not be redirected in the same major but may choose an alternative major at the first choice campus or another campus.

Hardship Petitions

There are established procedures for consideration of qualified applicants who would be faced with extreme hardship if not admitted to a specified campus. Prospective hardship petitioners should write to the Admissions Office regarding specific policies governing hardship admission.

Reapplication After Failure to Enroll

Applicants who fail to register for the quarter for which they have been accepted will have their admission cancelled. Those who desire admission to any future quarter must file another application (with fee) within the stated application period and must meet admission requirements in effect at the time of the new application.

All transcripts on file for applicants who are admitted but do not attend are kept one year and may be used for admission during that period. However, transcripts of any additional work completed since the original transcripts were filed must be requested by the applicant from the college(s) attended, as part of the new application procedure.

Readmission

Students who are absent without prior approval for any three of the four consecutive quarters before the quarter they wish to return must apply for readmission. The \$55 application fee is charged except for students who were enrolled during any of the three quarters immediately preceding the quarter of desired readmission. An application with fee also must be filed by any student who enrolls at another institution during an absence, with the following exceptions: a summer session or extension program; dual registration, with prior approval; or concurrent or visitor enrollment at another CSU campus. Students who were disqualified from Cal State L.A. following the last quarter of attendance must file an application for admission as returning disqualified students. For details see *Readmission of Disqualified Students* below.

Returning Veterans (Military or Alternative Service)

Cal State L.A. students who enter active U.S. military service or approved alternative service are eligible for continuing student status following active service. Time served in active military or approved alternative service, including the entire quarter in which the student entered the service and the entire quarter during which the discharge occurred, will not be counted as a break in attendance in determining continuing student status.

Readmission of Disqualified Students

Readmission after disqualification is not automatic. Disqualified students will not be considered for readmission until at least two quarters have elapsed. Normally, students will be eligible for readmission when they have satisfied conditions and requirements established during the exit interview. Basic readmission regulations indicate the following: no upper division student (90 or more units completed) will be readmitted with a deficiency of 22 or more grade points for all college work attempted; no lower division student (fewer than 90 units completed) will be readmitted with any grade point deficiency for all college work attempted. Units earned

elsewhere while under disqualification can be used to reduce the total grade point deficiency, but not the Cal State L.A. deficiency (which must be removed after readmission).

Before the appropriate deadline, disqualified students must file an application for readmission as *returning disqualified* students. In addition, they must seek readmission through a petition to the department or division and school from which they were disqualified. The University Academic Advisement and Information Center will rule on petitions for readmission of disqualified students with undecided majors. *Petitions for Readmission from Disqualification* may be obtained from department or division offices and applications for readmission to the university are available at Administration 101. Official transcripts of all transfer work attempted since disqualification must be furnished.

Readmission Appeals Procedure

Students who have not met requirements established at the time of the exit interview will be ineligible for readmission and will be so notified by the Admissions Office. Students may appeal this decision by submitting a petition to the dean of their school or to the University Academic Advisement and Information Center if they have not declared a major.

Postbaccalaureate Application Procedures

Application procedures for all postbaccalaureate and graduate programs are described under *Postbaccalaureate Application Procedures* in the *Graduate and Postbaccalaureate Study* section.

Transfer Within State University Campuses

Students enrolled at a California State University campus and eligible to continue are eligible for admission at any other institution in the CSU system, provided they are in good standing at their home campus. Students on probation at their home campus may apply for admission as transfer students to another campus in the system, subject to that institution's admission policy and space availability. A complete application is required, including fee, all official transcripts, and test score reports.

Evaluation of Transfer Credit

Undergraduate transfer students' previous college work is evaluated in terms of its relevance to Cal State L.A. course offerings and degree requirements. An evaluation form (*Credit Summary*) is mailed to all new and readmitted students and to the major department or division at the time of notification of eligibility for admission. General education course requirements met by transfer courses and transfer credit accepted in satisfaction of unit requirements are listed in this evaluation. The policies of the transfer institution(s) are followed when grade point averages of transfer course work are computed. If such policies cannot be determined, Cal State L.A. policies are followed. Credit for selected vocational/technical courses not generally accepted for transfer credit may be recognized after admission if approved by the Cal State L.A. academic department or division responsible for the related degree program.

Quarter Units/Quarter System

Cal State L.A.'s credits are expressed in quarter units; one quarter unit normally represents no less than one hour of class work and two or more hours of outside study per week for one quarter. One and one-half (1 1/2) quarter units are equivalent to one (1) semester unit, and one quarter unit is equivalent to 2/3 semester unit of credit.

Credit for Community College Course Work

A maximum of 105 quarter units (70 semester units) may be allowed for baccalaureate level credit earned in a community college. Neither upper division credit nor credit for professional education courses is allowed for community college work.

California Articulation Number (CAN)

Cal State L.A. participates in the California Articulation Number System. CAN is a comprehensive system that uses a common number to equate some introductory, transferable, lower division courses commonly taught in the various academic disciplines at an increasing number of California community colleges and four-year campuses. The system ensures that students who complete CAN courses at a participating campus will receive credit "in lieu of" comparable CAN courses at other participating campuses.

For example, CAN ECON 2 (Cal State L.A.'s ECON 202) completed at one campus is acceptable for CAN ECON 2 at other participating campuses. The campuses retain their own numbering systems. CAN course designators are found at the end of each course description in the campuses' general catalogs. Cal State L.A.'s approved courses are so identified and, in addition, are listed below. For additional information, contact the Articulation Liaison/CAN Coordinator in the Office of Undergraduate Studies, Administration 725, (213) 343-3917.

California Articulation Number	Cal State L.A. Course
CAN AJ 2	CRIM 101
CAN AJ 4	CRIM 126
CAN AJ 6	CRIM 221
CAN AJ 8	CRIM 235
CAN ANTH 2	ANTH 260
CAN ANTH 4	ANTH 250
CAN ANTH 6	ANTH 270
CAN ART 8	ART 104 or 159
CAN ART 10	ART 155 or 234
CAN ART 14	ART 103 or 153
CAN ART 16	ART 203
CAN ART 18	ART 287
CAN ART SEQ A	ART 101ABC
CAN BUS 2	ACCT 200A
CAN BUS 8	FIN 205
CAN CHEM SEQ A	CHEM 101+102+103
CAN DRAM 6	TA 149
CAN DRAM 8	TA 141
CAN DRAM 12	TA 131
CAN ECON 2	ECON 202
CAN ECON 4	ECON 201
CAN ENGL 2	ENGL 190
CAN GEOG 2	GEOG 160
CAN GEOG 4	GEOG 150
CAN GEOL 2	GEOL 150+152
CAN GEOL 4	GEOL 252
CAN GOVT 2	POLS 150
CAN H EC 2	FSCS 250
CAN H EC 6	FSCS 210
CAN H EC 10	FSCS 101
CAN H EC 12	FSCS 120
CAN H EC 18	FSCS 260
CAN HIST 8	HIST 202A
CAN HIST 10	HIST 202B
CAN HIST SEQ A	HIST 110ABC
CAN JOUR 2	JOUR 201
CAN JOUR 4	JOUR 100 or MSCM 100
CAN MATH 26	MATH 255
CAN MATH SEQ B	MATH 206+207+208
CAN MATH SEQ C	MATH 206+207+208+209
CAN PHIL 2	PHIL 151
CAN PHIL 6	PHIL 250
CAN PHYS SEQ A	PHYS 101+102+103
CAN PHYS SEQ B	PHYS 201+202+203+204
CAN PSY 2	PSY 150

CAN SOC 2	SOC 201
CAN SPCH 4	SPCH 150
CAN SPCH 6	SPCH 176

Credit for Extension and Correspondence Courses

The maximum amount of credit for correspondence and extension courses that may be applied toward the baccalaureate is 36 quarter (24 semester) units. Extension and correspondence course credit does not satisfy Cal State L.A. residence requirements. Students should consult their major department or division adviser before enrolling in extension or correspondence courses to ensure that courses elected will meet both unit and content requirements for the degree. *Matriculated Cal State L.A. students in continuing standing may not enroll in Continuing Education courses.*

No undergraduate degree credit will be allowed for University of California extension courses in the X300 or X400 series taken after spring quarter 1968, except as specifically approved by the individual department or division concerned.

Credit for Supplementary Transfer Work

To request evaluation of credit toward a bachelor's degree for work taken at other colleges or universities subsequent to matriculation at Cal State L.A., students must have official transcripts forwarded to the Admissions Office and must file a request form provided for that purpose, available in Administration 101.

Credit for Noncollegiate Instruction

Cal State L.A. grants undergraduate degree credit for successful completion of noncollegiate instruction, either military or civilian, appropriate to the baccalaureate if such credit has been recommended by the Commission on Educational Credit and Credentials of the American Council on Education. The number of units allowed are those recommended in the *Guide to the Evaluation of Educational Experience in the Armed Services* and the *National Guide to Educational Credit for Training Programs*.

Credit for Military Service

Students are granted nine quarter units of lower division elective credit, upon admission, for one year or more of regular active duty in a U.S. military service including completion of basic or recruit training. For six months to one full year of military service, including completion of a six-month reserve training program with basic recruit training, 4.5 quarter units of lower division elective credit are granted upon admission. Additional credit to a maximum of 12 quarter units may be granted for completion of certain service school certificate programs, based on recommendations of the Commission on Educational Credit and Credentials of the American Council on Education.

Forms for requesting evaluation of military service credit are available in Administration 101. Students should submit a copy of their military separation, DD214 or equivalent record, with their application for admission. Military service credit is not applied toward the residence requirement.

Credit Certified by the Defense Activities in Nontraditional Education Support (DANTES)

A maximum of 36 quarter units of baccalaureate course credit may be earned for course work certified by the Defense Activities in Nontraditional Education Support (DANTES). Forms for requesting evaluation of such credit are available in Administration 101.

Credit for Peace Corps Training

Peace Corps volunteers who completed their training at Cal State L.A. may earn a maximum of 1 1/2 quarter units for each week of the training program. The number of units and the area in which

the units are given varies with each project. Grades are recorded as *Credit (CR)*.

Credit for work taken at another institution while in Peace Corps training will be granted by Cal State L.A., but only as it appears on an official transcript from another college or university. The college credit will be validated when the volunteer becomes a student at Cal State L.A. or another institution of higher education.

Undergraduate Tests and Examinations

Cal State L.A. grants undergraduate degree credit to students who pass examinations that have been approved for credit systemwide. These include Advanced Placement Examinations, the GSU English Equivalency Examination, and some CLEP, as outlined below. The total credit earned in external examinations that may be applied to a baccalaureate shall not exceed 45 quarter units, exclusive of credit for Advanced Placement examinations.

Advanced Placement Credit

Credit is granted toward undergraduate degrees for successful completion of examinations of the Advanced Placement Program of the College Board. Students who present scores of 3 or better are granted nine quarter units (six semester units) of elective credit for each examination. Acceptance of Advanced Placement units for purposes other than electives is determined by the appropriate academic department. Credit is not awarded for any examinations that overlap other examinations or equivalent college courses. Where partial overlap exists, the amount of credit awarded will be appropriately prorated.

Information about Advanced Placement examinations is available at the applicant's high school. Supporting test materials are sent to the college or university indicated by the student when the examinations are taken.

No credit for any examination will be forwarded to a student who has taken the examination previously within the past year; earned equivalent credit through regular course work, credit by another examination, or other instructional processes, such as correspondence study or military training; or earned credit previously in a course or by an examination more advanced than the level represented by the examination in question.

College Level Examination Program (CLEP)

Credit is awarded for successful performance in certain examinations of the College Level Examination Program. Four quarter units may be earned in any of the following examinations, with passing scores as indicated.

<i>Name of Examination</i>	<i>Minimum Passing Score</i>
Mathematics General Exam	**50 on 1975 edition
Mathematics General Exam	**500 on 1978 edition
College Algebra-Trigonometry	49
Calculus and Analytic Geometry including essay	48
Statistics, including essay	49
General Chemistry	48

** passing subscore required on each part of same edition

Credit for one examination in mathematics may be applied to the mathematics requirement of the general education program. Credit for additional examinations is allocated to electives; acceptance for major, minor, or prerequisite use is granted on approval of the appropriate academic department or division.

CSU English Equivalency Examination

The English Equivalency Examination is administered by the GSU and is offered each spring on various campuses to prospective freshmen. Students who pass both the objective and essay portions (of which a CLEP objective examination of English is a part)

in any year later than 1972-1973 are granted nine quarter units of credit, provided credit has not been granted previously at the equivalent or more advanced levels. Units earned satisfy general education requirements when applicable. Information and registration forms are available at the Testing Office in the Learning Resource Center, (213) 343-3160. A \$55 test fee is required.

English Placement Test (EPT)

All entering undergraduate students ** must complete the CSU English Placement Test (EPT) with the exception of students who present one of the following:

- a score of 3, 4, or 5 on either the *Language and Composition* or the *Composition and Literature* examination of the College Board Advanced Placement program;
- a score on the CSU English Equivalency Examination that qualifies a student for exemption from the EPT;
- a score of 470 or higher on the Verbal section of the College Board Scholastic Aptitude Test (SAT-Verbal);
- a score of 22 or higher on the ACT English Usage Test; or
- a score of 25 or higher on the ACTE (enhanced) English Test;
- a score of 600 or higher on the College Board Achievement Test in English Composition with essay; or
- for transfer students, completion and transfer to the CSU of an acceptable English composition college course of four quarter (or three semester) units with a grade of C or higher.

The results of the EPT will not affect admission eligibility but will be used to identify students who need special help in reading and writing in order to do college-level work. Information bulletins and registration materials for the EPT will be mailed to all students subject to this requirement or may be obtained at Cal State L.A. in the Testing Office, Learning Resource Center, (213) 343-3160.

** Undergraduates admitted with 56 or more transferable semester (84 quarter) units completed and who are subject to a campus catalog earlier than 1986-1987 are not required to complete the EPT.

Entry-Level Mathematics (ELM) Test

All entering undergraduate students must take the test and pass it before enrolling in a course that satisfies the college level mathematics requirement of the General Education Breadth program. Exemptions from the test are given only to those students who can present proof of one of the following:

- a score of 3 or higher on the College Board Advanced Placement Mathematics examination (AB or BC);

- a score of 530 or higher on the Mathematics section of the Scholastic Aptitude Test (SAT-Math);
- a score of 23 or higher on the ACT Mathematics Test;
- a score of 23 or higher on the ACTE (enhanced) Mathematics Test;
- a score of 520 or higher on the College Board Math Achievement Test, Level 1;
- a score of 540 or higher on the College Board Math Achievement Test, Level 2; or
- for transfer students, completion and transfer to the CSU of a college course that satisfies the General Education Breadth Requirement in Quantitative Reasoning, provided that such course was completed with a grade of C or higher.

Students required to take this examination should do so as soon as possible after admission. The results of this examination do not affect admission, but will be used to identify students who need special help in mathematics in order to do college-level work.

Information bulletins and registration materials for the ELM examination will be mailed to all students subject to the requirement or they may be obtained in the Testing Office, Learning Resource Center, (213) 343-3160.

Students who cannot demonstrate basic competence on the examination are required to take steps to overcome deficiencies early in their enrollment. Any course work undertaken primarily to acquire the required competence shall not be applicable to the baccalaureate.

Failure to take either of these tests, as required, at the earliest opportunity after admission may result in administrative probation which, according to Section 41300.1 of Title 5, California Code of Regulations, and CSU Executive Order 393, may lead to disqualification from further attendance.

American Chemical Society Examination

Students may earn 4 quarter units of credit by achieving a score at or above the 50th percentile on the General Chemistry examination offered as part of the American Chemical Society Cooperative Examination Program.

Transfer of Credit Earned by Examination

Credit earned by examination at another accredited institution is accepted upon transfer, provided the units have been accepted by the previous institution as equivalent to specific courses and are not in violation of any other regulation.

PROCEDURES AND REGULATIONS

[The following text is extremely faint and illegible due to the low contrast of the scan. It appears to be a list of procedures or regulations.]

PROCEDURES AND REGULATIONS

Information concerning university procedures and regulations contained in this section is applicable to all undergraduate students. Some general information also applies to postbaccalaureate and graduate students. Additional procedures and regulations applicable only to postbaccalaureate and graduate students are included in the *Graduate and Postbaccalaureate Study* section.

Undergraduate Class Levels

Undergraduate students are classified according to the number of quarter units of baccalaureate level course work they have completed, calculated as follows:

Class Level	Quarter Units Completed
Lower Division	0-44
Freshman	0-14
Sophomore	15-29
Upper Division	90-134
Junior	135+
Senior	

Quarter Units/Quarter System

Cal State L.A. credits are expressed in quarter units; one quarter unit normally represents no less than one hour of class work and two or more hours of outside study per week for one quarter. One and one-half (1 1/2) quarter units are equal to one (1) semester unit. Conversely, one quarter unit is equal to 2/3 semester unit of credit.

Study Load

Undergraduate students must carry a study load of 12 units for full-time enrollment certification by the university. The recommended full-time study load for undergraduates is 16 units. Students earning a C average or better may register for 18 units with major department or division approval. Authorization to enroll in more than 18 units requires prior approval of an adviser in the student's major department or division. Students on scholastic probation must limit their study load to 12 units unless an exception has been approved by an academic adviser in their major department or division.

Student Identification Number (SID)

Cal State L.A. uses all students' Social Security numbers as their official Student Identification Number (SID) pursuant to the authority contained in Title 5, *California Code of Regulations*, Section 41201. This number is used as a means of identifying records pertaining to students as well as for identifying students for purposes of financial aid eligibility and other debts payable to the institution. On most student forms, the name is abbreviated as SID.

Registration

Continuing students at California State University, Los Angeles receive a registration notification form in the mail before the scheduled registration dates for each quarter. Complete information concerning registration procedures is provided in the *Schedule of Classes*, issued each quarter before the registration period and available for purchase at the University Square bookstore. Student Telephone Assisted Registration (STAR) is available to all eligible continuing students.

Students may be absent any two quarters during the year and maintain continuing student status for registration purposes. However, absence for more than two of any four consecutive quarters without an approved leave of absence will cancel continuing registration eligibility. See *Leaves of Absence* later in this chapter. Attendance in University Extension courses does not constitute continuous attendance.

Students who attended another college or university during an absence from Cal State L.A., except for a summer session or extension program or approved visitor enrollment at another CSU campus, are required to file an application for admission as a returning student and have official transcripts of work taken sent to the Admissions Office. The \$55 nonrefundable application fee is charged. Such students will, if eligible, receive forms to register as returning students.

Students who are graduated with a bachelor's degree from Cal State L.A. and wish to continue in graduate standing are required to file a new application for graduate admission and will, if eligible, receive forms to register as new students.

Academic Advisement

Before registering for their first quarter at Cal State L.A., students must consult an adviser in their major department or division to plan a program of study. Undergraduate students who, upon admission to the university, are unable to select a specific major shall consult an adviser in the University Academic Advisement and Information Center.

Every undergraduate who has completed the equivalent of 90 or more quarter units is expected to declare an academic major. Students admitted in upper division standing shall be required to designate an area of interest if they remain otherwise undecided.

Students admitted in lower division standing who register as "Undecided" will be assisted in the University Academic Advisement and Information Center with appropriate information and services, including selection of courses for a program in their first quarter of attendance. In succeeding quarters, students' developing interests will become the basis for their being referred by their undergraduate adviser, as soon as practicable, to an academic area for further program development.

Forms used for change or declaration of major are available in Administration 101. Students may change their major by consulting an adviser in the appropriate academic department or division or by application through the University Academic Advisement and Information Center. They should be aware, however, that a change in major may defer graduation if there are significant shifts in course requirements.

Because the approved degree program becomes the basis for determining eligibility for the degree, any change in the student's planned program must have an academic adviser's approval. Periodic consultation with an academic adviser in the major department or division is therefore strongly recommended. Newly admitted students should bring a copy of all high school and/or college transcripts and their Cal State L.A. credit summary when seeking advisement. They should consult the *Schedule of Classes* for a list of academic advisers.

Schedule of Fees

CAUTION: All student fees are subject to change without advance notice.

Legal residents of California are not charged tuition. The following reflects applicable fees and nonresident tuition for the quarter system.

All Students

Application Fee (*nonrefundable*), payable by check or money order at time application is made: \$55

Registration Fees:

State University Fee:

Units	Quarter	††Academic Year
0 to 6.0	\$180	\$540
6.1 or more	\$312	\$936

Miscellaneous Fees:

	Quarter	††Year
Health Facilities	\$ 2.00	\$6.00
Instructionally Related Activities	\$ 7.00	\$21.00
**Associated Students	\$ 16.50	\$45.50
University-Student Union	\$ 16.00	\$48.00

** Refer to Appendix G

†† Does not include summer quarter

Nonresident Tuition—U.S. and Foreign:

(in addition to other fees charged all students for all campuses)

Charge per quarter unit: \$164

The total fee paid per quarter will be determined by the number of units taken, including those in excess of fifteen.

Other Fees

(refer to Schedule of Classes for more detailed list)

Fee for	Amount
Comprehensive examination (course #596 in major)	\$10.00
Credential application	40.00
Credential (transcript) evaluation/processing	25.00
Degree check application (graduation)	20.00
Diploma	10.00
Dishonored check/credit card	10.00
Foreign Language Reading Examination (FL 901)	10.00
Late Registration (<i>nonrefundable</i>)	25.00
Parking decals (<i>per quarter</i>)	
Automobiles	42.00
Meters (<i>per hour</i>)	30–50
Motorcycles, Mopeds	10.50
Photo-ID (<i>nonrefundable</i>)	5.00
Thesis binding (<i>not a State fee</i>) (<i>per copy</i>)	8.00
Transcript of academic record (<i>single copy</i>)	4.00
Each additional transcript (2–10) requested at the same time	2.00
Each additional transcript (in excess of 10) requested at the same time	1.00
Writing Proficiency Examination (WPE—UNIV 400)	15.00

No fees of any kind shall be required of or collected from those individuals who qualify for such exemption under the provisions of the Alan Pattee Scholarship Act.

Materials/Breakage Fee

Some art, chemistry, and technology courses have additional fees for special materials and/or breakage. These courses are identified in this catalog and in *Schedule of Classes* notes. Items lost or broken will be charged at cost. Failure to satisfy charges billed will result in the withholding of transcripts and registration privileges.

Library "Excessive Use" Fees

"Excessive Use" fees are computed from the time the material was due until the time the material is returned or declared lost.

Fee	Per Transaction
Hourly or overnight loans	
Per hour	\$ 0.25
Maximum per transaction	10.00
Day-based loans	
Per day	1.00
Maximum per transaction	10.00
Quarter- or semester-based loans	
First billing	10.00
Second billing	10.00

Once billed, fees are not negotiable and may be rescinded only in cases of library error or other extenuating circumstances which may be administratively defined as excusing an untimely return of borrowed materials. Failure to satisfy charges billed will result in the withholding of transcripts and registration privileges.

Credit Cards

VISA and MasterCard bank credit cards may be used for payment of student fees.

Waiver of Fees

Nonresident fees may be waived for persons who hold a valid California credential and are employed by a public school district in this state in a full-time position requiring certification. Eligible persons must meet at least one of the following conditions:

- hold a provisional credential and enroll in courses necessary to obtain another type of credential authorizing service in the public schools;
- hold a partial credential and enroll in courses necessary to fulfill postponed credential requirements; or
- enroll in courses necessary to fulfill requirements for a fifth year of study as prescribed at Cal State L.A.

Refund of Fees

Details about fees that may be refunded, the circumstances under which fees may be refunded, and the appropriate procedure to follow in seeking refunds are available in Section 41803 (parking fees), 41913 (nonresident tuition), 42019 (housing charges), and 41802 (all other fees) of Title 5, *California Code of Regulations*. These regulations are published in the *Schedule of Classes*. In all cases, it is important to act quickly in applying for a refund. Information about any aspect of fee refunds may be obtained from the Accounting Office, Administration 513, (213) 343-3550. Application forms, available at Administration 101, must be filed within deadlines published in the *Schedule of Classes*.

Debts Owed to the Institution

If a student or former student fails to pay a debt owed to the institution, Cal State L.A. may "withhold permission to register, to use facilities for which a fee is authorized to be charged, to receive services, materials, food, or other merchandise, or any combination of the above from any person owing a debt" until the debt is paid (see Title 5, *California Code of Regulations*, Sections 42380 and 42381). For example, the institution may withhold permission to receive official transcripts of grades from any person owing a debt. Students who believe they do not owe all or part of an unpaid obligation should contact the campus business office. The business office, or another office on campus to which students may be referred by the business office, will review the pertinent information, including information students may wish to present, and will advise students of its conclusions with respect to the debt.

Categories of Enrollment

Credit By Examination

Undergraduate students in good standing and officially enrolled in one or more residence courses may challenge courses by taking examinations developed at the campus. Examinations are interpreted broadly to include whatever activity, test, or demonstration an instructor deems appropriate to evaluate comprehension, skills, or knowledge required by the course objectives. Credit shall be awarded to students who pass the examinations successfully.

Approval of the chair of the department or division offering the course and an instructor for the course is required. Forms for approval are available at Administration 409. Additional fees must be paid if the added units alter the total fees due for the quarter.

Credit by examination is restricted to undergraduate and graduate courses listed in this catalog. It is without unit limit, but does not count as residence credit. Such credit is not treated as part of the student's work load during a regular quarter and therefore does not require approval for excess study load. Total units earned for courses and examinations taken in summer session, however, cannot exceed the limit established for summer session study. Grades received by examination are recorded as final grades on the permanent academic record and are designated as earned through credit by examination.

Credit earned by examination at another accredited institution is accepted upon transfer, provided the units have been accepted by the previous institution as equivalent to specific courses and are not in violation of any other regulations.

Visitors Within California State University (CSU)

Students enrolled at any CSU campus may transfer temporarily to another CSU campus in visitor status if they have completed 12 units with a minimum C (2.0) grade point average at the home campus, are in good standing, and are eligible to register in continuing status. Visitors are approved for one term only, subject to space availability and registration priority policies at the host campus. Enrollment as a visitor may be repeated after re-enrollment at the home campus. This opportunity may be particularly valuable to students whose educational progress can be enhanced or expedited by attending a summer quarter at Cal State L.A. Concurrent enrollment (see below) is not permitted during visitor status. Visitor applications may be obtained at Administration 101.

Concurrent Enrollment Within California State University

Students enrolled at any CSU campus may enroll concurrently at another CSU campus if they have completed 12 units at the home campus with a C (2.0) grade point average and are in good standing. Concurrent enrollment is approved for a specific term, subject to space availability and registration priority policies at the

host campus. Because of overlap in academic terms of campuses on semester and quarter calendars, concurrent enrollment is subject to combinations and conditions described in the concurrent enrollment application forms available at Administration 101.

Open University

Enrollment through the Open University program, administered by Continuing Education, permits nonmatriculated students to enroll in certain regular classes on a space available basis; however, matriculated students who are in continuing student status (i.e., have not failed to register for more than two consecutive quarters) may not enroll through the program.

Audit Registration

Regularly enrolled students may register for classes in audit status through add/drop (program change) procedures only as indicated in the *Schedule of Classes* for audit registration. Such registrations are subject to the same fee regulations as registration for credit and fees must be paid at the time of registration. Registration for a course in audit status is subject to approval of the instructor and is permitted only after students who desire to enroll on a credit basis have had an opportunity to do so.

Regular class attendance is expected but audit registrants are not required to complete assignments or take examinations. An audit registration may not be changed to a credit registration after the last day to add classes. No entry concerning audit registration is made on student grade reports or transcripts.

Dual Registration

Undergraduate students who wish to take classes at another accredited college or university, not within The California State University, while enrolled at Cal State L.A. must file a Notification of Dual Registration at Administration 101 by the end of the third week of the quarter involved. This notification must be endorsed by the student's Cal State L.A. major department or division academic adviser and the department/division chair for the course(s) involved. Students are advised, also, to consult official evaluators and advisers at the non-CSU campuses where the work is taken to ensure the transferability of course work. Courses so taken are subject to all regulations and limitations governing transfer credit. To receive bachelor's degree credit for such course work, students must have official transcripts forwarded to the Admissions office upon completion of the course work.

Change of Program

Students are strongly advised to select classes carefully and to avoid the undesirable necessity of changing their program of study. Adding and dropping classes, including changing sections in the same course, may be done only in accordance with policies, procedures, and time limits stated in the *Schedule of Classes*. Students who fail to follow these procedures incur the risk of a grade of F or U.

Withdrawal from Courses

Students withdraw from courses by filing a completed *program change* form at Administration 101. Early in the quarter, students may withdraw from any course with no record of the individual course withdrawal on their permanent academic record. After the "no-record drop" deadline, students may withdraw with a W grade from any course but only for serious and compelling reasons. These requests are granted only with the approval of the instructor and the department or division chair on *program change* forms available at Administration 101. Complete information about withdrawals, as well as a sample *program change* form and withdrawal deadlines for each academic quarter, appears in the *Schedule of Classes*.

Withdrawals during the final three weeks of instruction are permitted only when the cause of withdrawal (such as accident or serious illness) is clearly beyond the student's control and assignment of an *IN* (Incomplete) is not practicable. Ordinarily, such withdrawals also involve total withdrawal from the university, except that *CR* (credit) or *IN* (incomplete) may be assigned for courses in which the student has completed sufficient work to permit an evaluation. Requests to withdraw under these circumstances are handled as described above, except that such requests must also be endorsed by the dean of the school.

Withdrawal From the University

To withdraw completely from Cal State L.A., students must follow withdrawal procedures outlined in the *Schedule of Classes*. Complete official withdrawal may be accomplished by using the withdrawal form available at Administration 101 or by writing a personal request to the Registration Office. After the "no-record drop" deadline, students may submit a complete withdrawal by certified mail only for a valid reason (i.e., doctor-certified health problem, death in the family, or emergency military service). All requests should be submitted with appropriate documentation.

Leaves of Absence

Students may petition for a leave of absence for such reasons as professional or academic opportunities, like travel or study abroad; employment related to educational goals and major fields of study or participation in field study or research projects; medical reasons, including pregnancy, major surgery, or other health-related circumstances; and financial reasons, such as the necessity to work for a specified period in order to resume study with adequate resources. Petition forms are available at Administration 101.

Evaluation of petitions for leaves of absence takes into account the student's stated plans and the extent to which a leave would contribute to educational objectives. Students are expected to plan their time of return and their activities during the leave. They must also state why it is critical to remain in continuous residence. In the case of medical or financial leaves, they must state how they plan to remain current with or advance in their academic field.

Undergraduate students may request a leave for no fewer than 3 and no more than 8 quarters. Graduate students are granted a maximum of 4 quarters, subject to renewal. Continuing students' allowed absence of 2 quarters is included in these maximums.

Petitions must be filed at Administration 101 after action by the department or division chair (also the school graduate dean in the case of graduate students) no later than 3 weeks before the end of the quarter preceding the proposed leave. Approval entitles students to continuing status for registration purposes provided they return no later than the quarter specified in their petitions. Continuing students returning from leaves are entitled to priority registration privileges and are not required to file an application for readmission.

Undergraduate students retain current catalog requirements for graduation; classified postbaccalaureate and graduate students retain classified standing. Unclassified postbaccalaureate and conditionally classified graduate students who have approved programs on file in their school graduate studies office are subject to the conditions of those programs. All others are subject to the requirements in effect when they return.

Transcript of Academic Record

A transcript of Cal State L.A. course work is issued upon written request by the student. Transcript request forms are available at Administration 101 and 128. The cost of a single transcript is \$4. When more than one transcript is ordered at the same time, the first copy costs \$4, the second through tenth copies cost \$2 each, and any copies in excess of ten cost \$1 each. The form requires the

name used by the student while in attendance, the birth date, and the Social Security account number which is referred to on campus as the Student Identification (SID) number.

Copies normally are mailed one week after receipt of request. However, requests that specify inclusion of grades just earned or verification of a degree just awarded cannot be filled until two to three weeks after the end of the quarter.

Course Numbering System

Subcollegiate, undergraduate, graduate, and noncredit courses are numbered as shown below.

000-099 Subcollegiate level (no credit allowed toward requirements for academic degrees).

100-299 Lower division courses (freshman and sophomore level).

300-399 Upper division courses (junior and senior level) that do not earn graduate credit.

400-499 Upper division courses (junior and senior level) that may earn graduate credit for graduate students.

500-599 Graduate courses for graduate students only.

600-699 Specialized graduate courses for postgraduate students matriculated in the joint Ph.D. program in Special Education.

700-749 Courses intended primarily for lower division students. Not acceptable toward degree or credential programs at Cal State L.A., but acceptable for professional advancement credit. Unit value credit listed directly following course title on academic record is acceptable for professional advancement credit only when accompanied by *CR* (Credit) grade.

750-799 Courses intended primarily for upper division students. Not acceptable toward degree or credential programs at Cal State L.A., but acceptable for professional advancement credit. Unit value credit listed directly following course title on academic record is acceptable for professional advancement credit only when accompanied by *CR* (Credit) grade.

800-899 Highly specialized courses intended primarily for graduate students. Not acceptable toward degree or credential programs at Cal State L.A., but acceptable for professional advancement credit. Unit value credit listed directly following course title on academic record is acceptable for professional advancement credit only when accompanied by *CR* (Credit) grade.

900 Noncredit courses open to graduate students only.

Courses in the 700 and 800 series are not listed in this catalog; their descriptions are carried in Extension Service announcements when they are offered.

Course Suffixes

Many course numbers have letter suffixes. Although many indicate special uses of the course within a particular department, some suffixes are standard throughout the University.

A, B, C, D, E A sequence of courses in which A must be taken before B, B before C, etc., unless description indicates otherwise.

C, K, S Sections of regular courses taught primarily in Cantonese (Chinese), Korean, or Spanish, usually as part of bilingual/crosscultural teacher training program. These suffixes appear in course listings in the *Schedule of Classes* and on transcripts, but not generally in the catalog.

H Open to students enrolled in the General Education Honors Program only.

P Class taught in independently self-paced mode; hours arranged between student and instructor.

L Lecture.

M Open to students in Master of Fine Arts degree program in Art only.

N Upper division course intended for students not majoring in the department offering it; usually has different kinds of prerequisites; student in major may not count course in major program, but may include it as an elective outside the major.

P Practicum, laboratory, or activity.

R Open to conditionally classified graduate students only.

Course Prerequisites and Corequisites

Students are responsible for fulfilling prerequisites and corequisites. The instructor and department or division have the authority to waive specific prerequisites and/or corequisites for students who have completed equivalent courses at another institution, who have had equivalent experience (such as work experience), or who possess the needed skills to proceed with the work of the course. Students should consult the instructor before registering to determine whether the course(s) or experience they present will justify waiver of the stated prerequisite(s) and/or corequisite(s).

Course Abbreviations

Each academic discipline has an official course abbreviation that is used to identify the discipline in this catalog; on grade reports, transcripts, major program sheets, and many other documents; and in the *Schedule of Classes*. These course abbreviations, which are listed below, must be used on all program change forms.

Accounting	ACCT	History	HIST
Adult and Continuing Education	EDAC	Instructional Technology	EDIT
American Studies	AMER	Italian	ITAL
Anthropology	ANTH	Japanese	JAPN
Art	ART	Journalism	JOUR
Astronomy	ASTR	Latin	LATN
Athletics	ATHL	Latin American Studies	LAS
Biology	BIOL	Liberal Studies	LBS
Broadcasting	BCST	Library Science	LIBR
Business Administration (interdepartmental)	BUS	Management	MGMT
Chemistry	CHEM	Marketing	MKT
Chicano Studies	CHS	Mass Communication	MSCM
Child Development	CHDV	Mathematics	MATH
Chinese	CHIN	Mechanical Engineering	ME
Civil Engineering	CE	Microbiology	MICR
Classics	CLAS	Music	MUS
Communication Disorders	COMD	Nursing	NURS
Computer Information Systems	CIS	Office Systems and Business Education	OSBE
Computer Science	CS	Pan-African Studies	PAS
Counseling	COUN	Philosophy	PHIL
Criminal Justice	CRIM	Physical Education	PE
Curriculum and Instruction	EDCI	Physics	PHYS
Dance	DANC	Political Science	POLS
Economics	ECON	Portuguese	PORT
Education (interdivisional)	EDUC	Psychology	PSY
Educational Administration	EDAD	Recreation	RECR
Educational Foundations	EDFN	Religious Studies	RELS
Electrical Engineering	EE	Russian	RUSS
Elementary Education	EDEL	Secondary Education	EDSE
Engineering (interdepartmental)	ENGR	Social Science	SOCS
English	ENGL	Social Work	SW
Family Studies and Consumer Sciences	FSCS	Sociology	SOC
Finance	FIN	Spanish	SPAN
Foreign Language Cooperative Program	FLCP	Special Education	EDSP
Foreign Languages	FL	Speech Communication	SPCH
French	FREN	Technology	TECH
Geography	GEOG	Theatre Arts	TA
Geology	GEOL	Traffic and Safety Engineering	TSE
German	GERM	University	UNIV
Health and Human Services	HHS	Urban Analysis	URBA
Health Science	HS	Women's Studies	WOMN
Higher Education	EDHI	Youth Agency Administration	YAA

Exp
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C
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Grading System	
Undergraduate	
TRADITIONAL A, B, C, D, F.	Letters A, B, C, and D indicate passing grades; F indicates failure.
NONTRADITIONAL CR/NC or A, B, C/NC.	A, B, C, and CR indicate passing grades. CR, indicating passed with credit, is given for work equivalent to C or better for undergraduate students. NC, indicating no credit, is given for work equivalent to D or F for undergraduate students.
Graduate	
TRADITIONAL A, B, C, D, F.	Letters A, B, and C indicate passing grades; letters D and F indicate failure.
NONTRADITIONAL CR/NC.	CR, indicating passed with credit, is given for work taken by graduate and postbaccalaureate students, including 400-level courses, that is equivalent to B or better. NC, indicating no credit, is given for work equivalent to C, D, or F, for postbaccalaureate and graduate students. A course in which a postbaccalaureate or graduate student earns a grade below C must be repeated; grades from both the original course and the repeated course are used in computing the grade point average.

Explanation of Grades

Grade Symbol	Explanation	Grade Points
A	Outstanding	4 per unit value of course
B	Very Good	3
C	Average	2
D	Barely Passing	1
F	Failure	0
CR	Credit	not applicable
NC	No credit	not applicable
I, IN	Incomplete	not applicable
U	Unauthorized Incomplete	0
SP	Satisfactory Progress	not applicable
W	Withdrawal	not applicable
RD	Report delayed	not applicable

Definitions of Administrative Grading Symbols

Marks other than letter grades used to indicate status in courses undertaken have the following meanings:

CR used to denote "passed with credit" when no traditional letter grade is given, is assigned to undergraduate grades of C or better and to graduate grades of B or better. CR grades are not included in the calculation of the grade point average.

NC is used to denote "no credit" when no traditional letter grade is given. NC grades are not included in the calculation of the grade point average.

SP (Satisfactory Progress) is used for thesis, project, dissertation, and similar approved courses in which assigned work frequently extends beyond one academic quarter—and may include enrollment in more than one quarter. The SP indicates that the student's performance has been evaluated and found to be satisfactory but that further work must be completed before a final grade (or grades) can properly be assigned for any part of the course. Enrollment for more units of credit than the total number of units that can be applied toward the fulfillment of the student's educational objective is prohibited. The SP symbol shall be replaced with the appropriate final grade within one year of its assignment except for courses associated with the master's degree thesis (courses numbered 597, 598, 599, and 900) and with the doctoral dissertation (courses numbered 698 and 699) in which case the time limit shall be five years. An SP does not add earned units and does not affect grade point average calculations.

An SP that has not been replaced by a final grade within the prescribed time limit for the course shall be changed to NC. Extensions of time to remove SP grades may be granted by the Undergraduate Studies Subcommittee (for undergraduate courses) or the appropriate school graduate dean (for graduate courses) for contingencies such as—but not limited to—military service and health problems of an incapacitating nature verified by a physician's statement.

W (Withdrawal) indicates that a student was permitted to drop a course after the "no-record drop" deadline with the approval of the instructor and the department or division chair. The W carries no connotation of quality of student performance and is not used in calculating grade point averages.

RD (Report Delayed) may be used when a delay in the reporting of a grade is caused by circumstances that are beyond the student's control. The symbol will be replaced by a more appropriate grading symbol as soon as possible. An RD is not included in calculations of grade point average.

IN, I (Incomplete). An Incomplete (IN) grade is inappropriate for failing students. It is an interim grade designed for students who are passing but who through extenuating circumstances have not been able to complete all or part of the work of the last four weeks of the course. An Incomplete (IN) grade may be removed by completing the outstanding work within one calendar year following the end of the quarter in which it was assigned unless the time has been extended by the Undergraduate Studies Subcommittee or the Graduate Studies Subcommittee, as appropriate, for contingencies such as military service or health problems of an incapacitating nature verified by a physician's statement. Any petition for extension of time to remove an incomplete must be filed within one calendar year immediately following the end of the quarter in which it was assigned. When the outstanding work has been completed during the time period allowed, the final grade will be reported to the Records Office. The time limitation prevails whether or not the student maintains continuous attendance.

An Incomplete that is made up within the time period allowed will be replaced on the permanent academic record by the letter grade earned followed by an explanation that the original grade was an Incomplete and the date that the Incomplete was removed.

An Incomplete that is not removed during the time period allowed will remain on the student's permanent academic record as an I and will be charged as an F in grade point average computations.

U (Unauthorized Incomplete) indicates that an enrolled student did not withdraw from the course but failed to complete course requirements. It is used when, in the opinion of the instructor, completed assignments or course activities or both were insufficient to make normal evaluation of academic performance pos-

sible. For purposes of grade point average this symbol is equivalent to an F.

Nontraditional Grading Options

Undergraduates may choose to receive grades on a nontraditional basis, either A, B, C, NC, or CR/NC, under specified conditions. Some courses are graded only nontraditionally, as shown in course descriptions. In addition, students in good standing who have completed at least 12 units at Cal State L.A. and students admitted with upper division standing may elect to have some courses graded on either the traditional or the nontraditional basis. CR and NC grades are not included in grade point average computations.

CR/NC Option. Courses for which a student may not elect to be graded on a CR/NC basis are those courses required in the student's major, minor, or credential program and other courses selected to meet general education requirements. A maximum of 45 quarter units may be graded CR/NC, whether elected or designated. A maximum of 8 quarter units elected CR/NC may be taken in any single quarter.

A, B, C, NC Option. Courses for which a student may not elect to be graded A, B, C/NC are those required in the student's major, minor, or credential program; however, any general education or elective course may be taken with A, B, C/NC grading. Use of this grading may not exceed a total of 45 quarter units within the total degree program, whether elected or designated.

Students may elect to register for a course with a nontraditional grading option up to the last date in the quarter to add classes. The decision to elect an option is irrevocable. Academic standards are identical for all students enrolled in a course, irrespective of the grading option. Instructors are not notified that students have elected nontraditional grading options in their courses; traditional grades are reported and are converted as needed to CR or NC by the registrar.

Final Examinations

Final examinations or final class meetings are required in all courses at the time and place shown in the final examination schedule in the *Schedule of Classes*. Any exception in time or place must have written approval of the instructor, department or division chair, and school dean. Students who find it impossible to take a final examination at the scheduled time may, with the written approval of the instructor, department or division chair, and school dean, have a special final examination administered.

Repeating Courses

Unless otherwise indicated in the description of a particular course in this catalog, students may not repeat for credit any course they have already completed with a grade of C or higher.

Academic Renewal

Removal of Work from Degree Consideration

Under certain circumstances, up to two semesters or three quarters of previous undergraduate course work taken at any college may be disregarded from all considerations associated with requirements for the baccalaureate. Detailed eligibility and procedural information is provided in the *Schedule of Classes*. The basic criteria are listed below:

- Five years must have elapsed since completion of the most recent work to be disregarded;
- Any previous removal of work from degree consideration must be included in applying the limits on work that may be disregarded;

- Since completion of the work to be disregarded, students must have maintained the following grade point averages at Cal State L.A. at the time of petition: 3.0 for students with 22-44 quarter units completed; 2.5 with 45-66 units completed; and 2.0 with 67 or more units completed; and
- Subject, but not unit, credit will be allowed for work completed satisfactorily during disregarded terms, and there is every evidence that the student would find it necessary to complete additional units and enroll for one or more additional quarters in order to qualify for the baccalaureate if the request was not approved.

Students are advised that they may file an academic renewal petition only if their grade point average is lower than C (2.0) on overall college units attempted (a condition is preventing them from qualifying for the degree) and meet all above criteria and conditions.

Repeating Courses for Academic Renewal

Effective summer 1983, students pursuing a baccalaureate may repeat a course one time for purposes of academic renewal if the grade of record is D, F, or U. This procedure is limited to a maximum of 20 quarter units and to courses taken at Cal State L.A. within the previous five years. All repetitions must be done at Cal State L.A.

Students pursuing a second or subsequent bachelor's degree may repeat only courses leading to the present degree objective (not courses used for prior bachelor's degrees) for purposes of academic renewal. In computing grade point averages for graduation with a baccalaureate from Cal State L.A., units attempted, units earned (if any), and grade points (if any) for previous attempts of the same or equivalent courses shall be excluded when specified conditions are met.

Students are advised that repeating a course under this policy does not result in removal of the original record and grade from the transcript. However, the earlier grade is disregarded in calculating the grade point average. Individual schools, departments, and divisions may have additional restrictions about acceptance of repetitions. Students should therefore consult department/division advisers before attempting repetitions and should consult the *Schedule of Classes* for details about filing instructions. The repeated course form, available at Administration 101, must be on file when a student enrolls in the course to be repeated and no later than the add deadline.

Scholastic Status

Passing Grades Required for Credit

Students are advised that they receive no credit for any course in which they do not earn a passing (i.e., D or higher) grade.

Grade Point Requirements

Undergraduate students are expected to maintain a C (2.0) average in all courses attempted at Cal State L.A. and any other college or university attended and to make satisfactory progress toward their academic objectives. Students who receive financial aid should inform themselves of additional criteria defining satisfactory progress by consulting the Center for Student Financial Services.

Grade Point Average

The grade point average (GPA) is computed by dividing the total number of grade points earned by the total number of units attempted. Grade points are assigned for each unit of course work undertaken, as follows:

Grade Symbol	Explanation	Grade Points Earned
A	Excellent	4 per unit value of course
B	Above average	3 per unit value of course
C	Average	2 per unit value of course
D	Barely passing	1 per unit value of course
F	Failure	0 per unit value of course

Thus, students who earn a grade of D in a 3-unit course have 3 grade points fewer than the number they would have earned with a grade of C, and are therefore deficient 3 grade points from a C average (-3 grade points). Students who earn a B grade in a 3-unit course have three grade points more than they would have earned with a C grade (+3 grade points); an A, +6 grade points; or an F, -6 grade points. The overall grade point deficiency or surplus can be computed by assigning the number of plus or minus grade points for each unit attempted and adding algebraically. CR and NC grades are not included in grade point average computations.

Probation for Undergraduate Students

Probation is determined separately for grade point deficiency and administrative-academic deficiency. Students' probation status is indicated on their grade report.

Grade Point Deficiency

Students are placed on academic probation if either their grade point average at Cal State L.A. or their cumulative grade point average in all college work attempted falls below C (2.0). They are continued on probation for grade point deficiency until their entire deficiency is removed or until they are disqualified in accordance with the regulations stated below.

Administrative-Academic Deficiency

Provision has been made by the Office of the Chancellor whereby students may be placed on administrative-academic probation for any of the following reasons:

- Withdrawal from all or a substantial portion of courses for which they registered in two successive quarters or in any three quarters.
- Repeated failure to progress toward a stated degree or program objective when such failure is within their control.
- Failure to comply, after due notice, with a routine academic requirement or regulation.

Written notice is given of the conditions required for removal from administrative-academic probation, as well as circumstances that would lead to disqualification if probation is not rectified.

Disqualification of Undergraduate Students

Disqualification is determined separately for grade point deficiency and for administrative-academic deficiency.

Grade Point Deficiency

Students who accumulate a deficiency of 22 or more grade points at Cal State L.A. or in all college work attempted are disqualified, regardless of whether they were on probation during the prior quarters. Students on probation whose cumulative grade point deficiency reaches the following levels are disqualified:

Class Level	Deficiency
Lower Division (0-89 units completed)	22 grade points
Juniors (90-134 units completed)	13 grade points
Seniors (135+ units completed)	9 grade points

Administrative-Academic Deficiency

Provision has been made by the Office of the Chancellor whereby students placed on administrative-academic probation may be disqualified for any of the following reasons:

- The conditions for removal of administrative-academic probation are not met within the period specified.
- Students become subject to academic probation while on administrative-academic probation.
- Students become subject to a new administrative-academic probation period for the same or similar reasons of a previous probationary period, although not currently in such status.

Notification of Disqualification

Students' notices of disqualification appear on their grade reports. Students who wish to appeal their disqualification should refer to Immediate Reinstatement below. Disqualified students are required to arrange an exit interview with their academic adviser in order to establish readmission requirements. Undecided majors will hold this exit interview with their assigned adviser in the University Academic Advisement and Information Center.

Immediate Reinstatement

Disqualified students may submit a petition for immediate reinstatement to their school dean or designee (department chair in the schools of Engineering and Technology and Natural and Social Sciences) after the exit interview has taken place. The University Academic Advisement and Information Center will rule on petitions for immediate reinstatement for undecided majors after their exit interview has taken place. Students' approved petitions must be received in the Records Office, Administration 409, by the end of the fifth week of the quarter following disqualification.

Immediate reinstatement may be granted for not more than two successive quarters to students pursuing the program in which disqualification was incurred, including an undecided major. Students who are admitted with a grade point deficiency on transfer work and whose grades at Cal State L.A. alone are not the basis for disqualification may qualify for immediate reinstatement in additional quarters.

Students enrolled but not officially reinstated for the quarter after disqualification should file a request for complete withdrawal and full refund of fees by the end of the fifth week of the quarter. Official withdrawal and refund application forms are available at Administration 101. Complete withdrawal also may be accomplished by writing to the Assistant Registrar for Registration. Registration will be cancelled for disqualified students who are enrolled and do not file a withdrawal request; fees are not returned in these cases.

Special Probation

All disqualified students who are reinstated or readmitted are placed on special probation because their grade point deficiency is greater than the maximum allowed for their class level as outlined above. These students are required to earn better than a C (2.0) grade point average each quarter until their deficiency is removed or is reduced to the maximum allowed for their class level. Students who withdraw completely from any quarter while on special probation will again be disqualified.

Readmission of Disqualified Students

Readmission after disqualification is not automatic. Disqualified students will not be considered for readmission until at least two quarters have elapsed. Procedures and regulations governing readmission of disqualified students are found in the Admission chapter of this catalog.

Student Conduct: Rights and Responsibilities

Cal State L.A. assumes that all students will conduct themselves as mature citizens of the campus community and that they will comply with university policies and regulations. Inappropriate conduct by students or applicants for admission is subject to discipline as provided in Sections 41301-41304 of Title 5, *California Code of Regulations*. (See Appendix E in this catalog.) Copies of the CSU Student Disciplinary Procedures, which govern enforcement of these regulations, are available from the Coordinator of Student Discipline, University-Student Union 425, or the Office of the Dean of Students, Student Affairs 117.

Student Grievances

An official Statement of Student Rights and Responsibilities enumerates the rights guaranteed to, and the responsibilities of, all Cal State L.A. students and contains the procedures to be followed for the redress of grievances. Copies of this document are available at the Office of the Dean of Students, (SA 117) and the office of each school dean and each department or division chair.

Adequate safeguards have been instituted to protect the rights of students and the university and to ensure that grievances are handled fairly. The grievance procedure is but one channel for solving problems and should not take the place of negotiating in good faith or open, honest communication.

Grievances are formal complaints by students arising out of alleged actions of the university or its faculty, administrators, or officers, such actions being alleged by students to be unauthorized or unjustified and adversely to affect students' status, rights, or privileges, including actions based on race, color, religion, sex, sexual orientation, national origin, age, handicap, or veteran status.

Coordinator of Student Discipline

Incidents of violation of Section 41301A-M, Title 5, *California Code of Regulations*, detailed in Appendix E, may be reported to the Coordinator of Student Discipline, University-Student Union 425.

Cheating

Instructors have the responsibility of planning and supervising all academic work, in order to encourage honest individual effort, and taking appropriate action if instances of academic dishonesty are discovered. However, honesty is primarily the responsibility of each student. The university considers cheating to be a voluntary act for which there may be reasons, but no acceptable excuse. The term "cheating" includes, but is not limited to:

- Plagiarism;
- Receiving or knowingly supplying unauthorized information during an examination;
- Using unauthorized material/sources during an examination;
- Changing an answer after work has been graded, and presenting it as improperly graded;
- Taking an examination for another student or having another student take an examination for you; and
- Forging or altering registration or grade documents.

Students who are caught cheating may be subject to a punitive grade for the assignment or for the course. If issuing a punitive grade, the instructor shall report it to the Coordinator of Student Discipline and may recommend that appropriate action be taken through the Student Discipline Procedures of The California State University.

Sexual Harassment Policy

It is the policy of California State University, Los Angeles not to tolerate sexual harassment within the campus community. Students who believe they are victims of sexual harassment may contact the Affirmative Action Program Director (Administration 701) or the Equal Employment Opportunity Commission.

Writing and Plagiarism

Plagiarism is a direct violation of intellectual and academic honesty. Although it exists in many forms, all plagiarisms refer to the same act: representing somebody else's words or ideas as one's own. The most extreme forms of plagiarism are the use of a paper written by another person or obtained from a commercial source, or the use of a paper made up of passages copied word for word without acknowledgment. Paraphrasing an author's idea or quoting even limited portions of his or her text without proper citation is also an act of plagiarism. Even putting someone else's ideas into one's own words without acknowledgment may be plagiarism.

In none of its forms can plagiarism be tolerated in an academic community. It may constitute grounds for a failing grade, probation, suspension, or expulsion.

One distinctive mark of an educated person is the ability to use language correctly and effectively to express ideas. Faculty assign written work for the purpose of helping students achieve that mark. Each professor will outline specific desiderata, but all expect students to present work that represents the student's understanding of the subject in the student's own words.

It is seldom expected that student papers will be based entirely or even primarily on original ideas or original research. Therefore, incorporating the concepts of others may be appropriate with proper acknowledgment of sources, and quoting others directly by using quotation marks and acknowledgments is proper. However, papers that consist entirely of quotations and citations should be rewritten to show the student's own understanding and expressive ability. The purpose of a written assignment (i.e., development of communication and analytic skills) should be kept in mind as each paper is prepared and should not be evaded through plagiarism.

Honorable Dismissal

Honorable dismissal is granted to all students who are not under financial obligation to the university and who are not under disciplinary probation, suspension, or expulsion. Academic disqualification does not constitute dishonorable dismissal.

Petitions for Waiver of Regulations

Rules and regulations in this catalog have been adopted by the faculty and administration to maintain appropriate academic standards and facilitate the administration of the university's programs. Students who believe that extenuating circumstances might justify the waiver of a particular regulation or requirement may file a petition at their major department/division office, according to established procedures, for consideration by a faculty committee. However, provisions of Title 5, *California Code of Regulations*, or other state or federal laws and regulations, are not subject to waiver by petition. Detailed information about procedures and regulations governing petitions are found in the *Schedule of Classes*.

UNDERGRADUATE STUDY

UNDERGRADUATE STUDY

Bachelor's Degrees and Majors

Bachelor of Arts Degrees

Afro-American Studies
 Anthropology
 Art
 Chemistry
 Child Development
 Communicative Disorders
 Earth Sciences
 Economics
 English
 French
 Geography
 History
 Home Economics
 Industrial Arts
 Japanese
 Journalism
 Latin American Studies
 Liberal Studies
 Mathematics
 Mexican American Studies
 Microbiology
 Music
 Philosophy
 Physics
 Political Science
 Psychology
 Radio and Television Broadcasting
 Social Science
 Social Work
 Sociology
 Spanish
 Special Major
 Speech Communication
 Theatre Arts

Bachelor of Science Degrees

Biochemistry
 Biology
 Business Administration
 Business Education
 Chemistry
 Computer Information Systems
 Computer Science
 Criminal Justice
 Engineering
 Fire Protection Administration and Technology
 Geology
 Health Science
 Industrial Technology
 Mathematics
 Medical Technology
 Nursing
 Nutritional Science
 Physical Education
 Physical Science

Physics
 Rehabilitation Counseling
 Special Major

Bachelor of Music Degree

Music

Bachelor of Vocational Education Degree

Vocational Arts

Minors

Anthropology
 Art
 Basic Business
 Biology
 Business Education
 Chicano Studies
 Child Development
 Chinese
 Classics
 Computer Science
 Creative Writing
 Criminal Justice
 Economics
 English
 French
 General Physical Education
 General Political Science
 Geography
 Geology
 Health Science
 History
 Home Economics
 Industrial Studies
 Japanese
 Journalism
 Latin American Studies
 Mathematics
 Microbiology
 Music
 Pan-African Studies
 Philosophy
 Physics
 Prelaw
 Psychology
 Public Administration
 Religious Studies
 Social Gerontology
 Sociology
 Spanish
 Speech Communication
 Theatre Arts
 World Politics
 Women's Studies

Credentials

Basic Teaching Credentials

For students interested in obtaining either the Single Subject or Multiple Subject credential, appropriate degree programs are listed below. Each program (or a specific option within it) has been approved by the Commission on Teacher Credentialing for waiver of the subject area examination for the credential indicated. Interested students should consult advisers in both the specific department and the School of Education.

MULTIPLE SUBJECT CREDENTIAL

† Offered with the following undergraduate degrees:

- Afro-American Studies, BA
- Child Development, BA, Option II
- Latin American Studies, BA
- Liberal Studies, BA
- Mexican American Studies, BA

† No students may enroll in the existing Multiple Subject waiver programs after September 1, 1991. Students are cautioned that major and credential requirements listed for the above majors will change effective Fall Quarter 1991 and that additional majors approved for Multiple Subject Credential waivers may be available. Those who are currently enrolled in an existing program must complete that program by September 1, 1994. Students should contact Multiple Subject program advisers for further information.

The Multiple Subject credential is also available with a bilingual emphasis in Spanish. Internship credential options are available for the Multiple Subject and Multiple Subject/Bilingual Emphasis credentials.

SINGLE SUBJECT CREDENTIAL

Authorized Area	Degree Program
Art	Art, BA
Business	Business Education, BS
English	English, BA
English	Speech Communication, BA
Foreign Language	French, BA
Foreign Language	Japanese, BA
Foreign Language	Spanish, BA
Health Science	Health Science, BS
Home Economics	Home Economics, BA
Industrial Arts	Industrial Arts, BA
Life Science	Biology, BS
Mathematics	Mathematics, BA, BS
Music	Music, BA
Physical Education	Physical Education, BS
Physical Science	Earth Sciences, BA
Physical Science	Physical Science, BS
Social Science	Social Science, BA

An internship credential option is available for the Single Subject credential.

SUPPLEMENTARY AUTHORIZATIONS

Holders of a Single Subject or Multiple Subject credential issued by the state of California may add a supplemental authorization to teach in another discipline by completing additional course work. A partial listing of supplementary authorizations and the credentials to which they apply are listed below. Course content of these supplementary authorizations is included in the academic department listings later in this catalog. Interested students should consult the appropriate academic departments and the School of Education for further information.

Authorized Area	Type of Credential Required
Basic Mathematics	Multiple or Single Subject
Biology	Single Subject
Chemistry	Single Subject
Comparative Political Systems and International Relations	Single Subject
Earth Sciences	Single Subject
Geography	Single Subject
Physics	Single Subject
U.S. Government and Civics	Single Subject

Information about other supplementary authorizations is available in the School of Education. Information about additional credential programs appears in the *Graduate and Postbaccalaureate Study* chapter.

Credit Certificate Programs

- Accounting
- Adult Medical Nurse Practitioner
- Adult Nurse Practitioner
- Advanced Information Systems
- Alcohol and Drug Problems Specialist
- Applied Gerontology
- Cartography and Air Photo Interpretation
- Child Maltreatment and Family Violence
- Computer Programming
- Electronics Technology
- Entrepreneurship
- Fashion Design
- Fashion Merchandising
- Fire Protection Risk Analysis and Reduction
- Fire Service Administration
- Graphic Design
- Interior Design
- International Business
- International Criminal Justice Administration
- Marketing
- Music Recording Arts
- Neonatal Nursing Care Clinician
- Nurse Midwifery Education
- Obstetrics-Gynecology Nurse Practitioner
- Occupational Safety and Health Professional
- Office Systems
- Retail Professional Development
- Teaching Microcomputer Business Applications
- Transportation (Commercial)
- Urban Land Use and Property Analysis
- Voluntary Youth Agency Administration

Rules and regulations governing certificate programs and brief descriptions of these programs appear at the end of this chapter. Specific requirements and course listings appear in the individual academic department and division listings following this chapter.

UNDERGRADUATE STUDY

California State University, Los Angeles offers the Bachelor of Arts, Bachelor of Music, Bachelor of Science, and Bachelor of Vocational Education degrees. The specific bachelor's degrees and academic majors are listed on the preceding pages. Minors and certificate programs are also available in many fields. These are described in the appropriate academic departments.

Specific information about admission requirements, curriculum, and graduation requirements for these programs is listed alphabetically by school and department in the academic department and division descriptions that follow this chapter. Characteristics of the individual degrees are described below.

Characteristics of Bachelor's Degrees

The *Bachelor of Arts* (B.A.) degree is designed to provide a balanced liberal arts education and general knowledge in a recognized discipline, interdisciplinary field, or areas of professional study.

The *Bachelor of Science* (B.S.) degree is designed to provide a balanced liberal arts education and a scientific, technical, or professional entry level of competence.

The *Bachelor of Music* (B.M.) degree provides a balanced liberal arts education with additional preparation in musical performance with emphasis on high performance standards.

The *Bachelor of Vocational Education* (B.V.E.) degree, created through state legislation, is designed specifically for vocational/occupational teachers who are required to have both work and teaching experience.

Summary of Bachelor's Degree Requirements

† Total units required for degrees:	
Bachelor of Arts (B.A.)	186 units
Bachelor of Music (B.M.)	198 units
Bachelor of Science (B.S.)	186–205 units depending on major
Bachelor of Vocational Education (B.V.E.)	186 units
General education	72 units, including:
• 12 in residence	
• 12 in an upper division theme	
Grade point average:	Minimum C (2.0) average in:
• all college work attempted	
• all courses attempted at Cal State L.A.	
• all general education courses	
• all courses required for major**	
Major units required	varies depending on major
Residence: 45 units at Cal State L.A. including:	
• 36 upper division units	
• 18 units in a major	
• 12 units in general education	
Upper division units	60 units minimum
Writing skills requirement:	
• minimum C grade in ENGL 190	
• passing score on Writing Proficiency Examination (WPE)	

† Students receive no credit for any course in which they do not earn a passing (i.e., D or higher) grade

** some majors require a minimum C grade in each course that is used to fulfill major requirements

General Requirements for the Bachelor's Degree

The Bachelor of Arts and Bachelor of Vocational Education degrees each require the satisfactory completion of 186 quarter units. The Bachelor of Music degree requires 198 quarter units and the Bachelor of Science degree unit requirement varies from 186 to 205 units, as specified individually for each degree program. Included in the total unit requirement for each of these degrees is a minimum of 72 units of general education courses, including the units necessary to complete mandatory requirements for the U.S. Constitution and American History and Ideals, 12 units in an upper division theme, and 12 units in residence at Cal State L.A. For each degree a minimum of 60 quarter units must carry upper division credit (courses numbered 300–499). Courses numbered above 499 are intended for graduate students only and are not applicable toward bachelor's degrees.

Evaluation of Transfer Credit (Credit Summary)

College work completed elsewhere is evaluated in terms of its relevance to Cal State L.A. course offerings and degree requirements. An official evaluation form known as a Credit Summary is sent to all new transfer and returning students and to their major department or division office. The Credit Summary identifies general education requirements met by transfer courses and transfer unit credit accepted. Students should review the credit summary carefully, consult the Admission Services Office (Administration 228) promptly if they do not agree with or fully understand all information on the form, and keep it in a safe place for easy reference. Determination of the catalog governing graduation requirements is explained below.

Degree programs, courses of instruction, and specific regulations and requirements appropriate to individual areas of study are fully described in this catalog. The baccalaureate programs and the subject matter portions of the teaching credential programs in the academic departments and divisions and interdisciplinary programs are arranged in alphabetical order within each school. Professional education requirements for the basic credential programs are listed in the School of Education chapter in the Undergraduate Programs section; specialist and administrative credential requirements are included in the graduate School of Education section. Students are expected to familiarize themselves with all degree requirements and to consult an academic adviser on a regular basis.

Special Major for the Bachelor's Degree

The Bachelor of Arts or Bachelor of Science degree with a special major allows students an opportunity to pursue individualized programs of study if their academic and professional goals cannot be met by existing degree majors. Programs for the special major consist of integrated studies in two or more fields. The special major does not bypass normal graduation requirements or provide an alternative means of graduating for students who have failed to complete requirements in a previously designated major.

A candidate for the special major must have more than one full year (45 units) of academic work remaining to complete minimum requirements for a bachelor's degree. Neither lower nor upper division courses applied to general education requirements may be counted toward fulfillment of minimum requirements for the major.

Approval of the special major is based upon individual justification. Further information is available from the school associate deans and from the Dean of Undergraduate Studies, Administration 725.

Multiple Majors

Students who wish to have multiple majors for one baccalaureate listed on their diploma and transcript must:

- Fulfill all department/division requirements in the several majors;
- File a request endorsed by the several departments and divisions to the dean(s) of the appropriate school(s); and
- Be approved and recommended for graduation by the faculty of each major department or division.

Second Baccalaureate

With faculty recommendation and approval, students may qualify for a second baccalaureate upon completion of the first degree if they fulfill general education requirements in effect at the time of admission for the second degree and meet scholarship requirements for seniors.

Students who earned their first baccalaureate from another institution must complete requirements for general education and a new major as specified by the major department or division and must earn a minimum of 45 quarter units in residence at Cal State L.A. following the date of the first degree.

Students who completed their first baccalaureate at Cal State L.A. may qualify for a second bachelor's degree in a quarter subsequent to the first if they complete requirements for a major in a different academic field as specified by the department or division and earn a minimum of 45 quarter units in residence beyond the requirements for the first degree. Students may not have two degrees awarded in the same quarter.

The 45 quarter units in residence must include 36 units in upper division courses, 12 units in general education, and at least 18 units in the second academic major whether the first baccalaureate was earned at Cal State L.A. or elsewhere.

Units included in a second baccalaureate program may not be applied to a graduate degree. Candidates for second baccalaureates are eligible for the Dean's List and other academic honors based on the same criteria as candidates for first degrees. A second baccalaureate candidate may graduate with honors according to the same criteria as candidates for first degrees, with the grade point average computed on all units attempted in residence at Cal State L.A.

Minors

Although a minor is not required for a baccalaureate, minors are available in many fields for the purpose of strengthening students' preparation in areas related to the major field or to career choices. A minor may not be taken in the same subject as the major.

A minor consists of a formal aggregate of courses totaling 18 or more quarter units, of which at least 12 units must be upper division and taken in residence at Cal State L.A. A minimum C (2.0) grade point average is required on all course work taken to complete the minor program. The minor will be noted on the student's transcript if the individual program has been approved by the offering department or division and is completed at the same time as the work for the degree itself. Interested students should consult an adviser in the department or division offering the minor of their choice. A list of the approved minors appears at the beginning of this chapter.

Credit for Prior Experiential Learning (CPEL)

Through the CPEL program, Cal State L.A. grants undergraduate academic credit for prior learning, knowledge, or skills-based experience that has been documented and evaluated according to campus policy. Students should be aware, however, that policies for earning credit for prior learning vary among CSU campuses.

Cal State L.A. grants up to 4 units of resident credit for UNIV 295, a course in which the student enrolls and, in collaboration with a faculty sponsor, prepares a portfolio documenting the prior learn-

ing. In addition, a student may earn up to 8 units of nonresident credit, applicable to a bachelor's degree, for learning, knowledge, or skills-based experience that has been documented and evaluated according to campus policy. To qualify, students must have completed 45 quarter units in residence at Cal State L.A. and not more than 165 quarter units overall, and must demonstrate how the prior learning articulates with their present educational objectives. Credit is awarded for UNIV 295 and for the prior learning based on faculty evaluation of the learning experience in terms of academic standards both within the discipline and universitywide. Applications for CPEL are available in the office of the Dean of Undergraduate Studies, Administration 725.

Students should be aware that policies for earning credit for prior learning vary from campus to campus in the CSU.

Cooperative Education

The Cooperative Education program provides educational enhancement by integrating classroom studies with related on-the-job experiences. With department approval, students may earn a maximum of 12 quarter units of elective credit toward an academic major or minor, including a maximum of 9 transferred quarter units. A maximum of 21 quarter units earned in cooperative education may apply toward a baccalaureate. With department approval, from 1 to 4 units of credit can be earned per quarter, based upon a minimum 10 hours per week of approved work experience for each unit of credit. Cooperative education may be offered in any department or division.

Cooperative Education Courses

The following courses are offered through the Cooperative Education program. Full course descriptions in the chapter entitled *University Programs*.

- 298 Preparation for Cooperative Education (2 units)
- 398 Cooperative Education (1-4 units)
- 399 Cooperative Education Honors (1-4 units)
- 498 Advanced Cooperative Education (1-4 units)

UNIV 298 is open to all students without restriction. Admission to UNIV 398, 399, and 498 is arranged through the coordinator for the student's major department or division. Admission to UNIV 399 requires UNIV 298 as prerequisite, as well as eligibility for a university or academic department or division honors program.

A minimum 2.35 overall grade point average is required and students must have completed 45 quarter units of course work before requesting permission of their major department or division to enroll. Approved employment, periodic conferences, and written reports are required.

Full descriptions of cooperative education courses (UNIV 298, 398, 399, and 498) are found later in this catalog in the chapter entitled *University Programs*.

Internship in Public Service

The Internship in Public Service program combines individual instruction with practical experience in government agencies and quasi-public enterprises. Although enrollment usually is restricted to Political Science majors, nonmajors with appropriate background and preparation may apply. The program operates similarly to the Cooperative Education program, except that the maximum 6 units earned may apply only to upper division free elective credit rather than toward the major. A qualifying civil service examination is required for admission to some internship programs. Information about opportunities and qualifications may be obtained from the coordinator in the Political Science Department.

ACADEMIC SUPPORT PROGRAMS

Health Science Advisement Office (HSAO)

In general, students planning to enter a school of dentistry, medicine, optometry, pharmacy, podiatry, or veterinary medicine are advised to elect a major related to their own interests and include appropriate science courses as part of their major, general education, or elective program. Medical schools expect students to show proficiency in English, mathematical reasoning, and fundamentals of physical and biological sciences. Some medical schools also require work in the social sciences, humanities, and a foreign language. Most now expect completion of a baccalaureate program.

The advisory staff serving preprofessional students in medical and related health fields includes two appointed health science advisers and a supporting group of faculty members in the departments of Biology, Chemistry and Biochemistry, Microbiology, Physics and Astronomy, and Psychology. Medical sciences advisement and recommendations are coordinated through the Health Science Advisement Office (HSAO) in Biological Sciences 202, (213) 343-2070. Students planning careers in these areas should visit the office for guidance about programs and application procedures, irrespective of their declared major. The staff has prepared a number of brochures that answer most of the students' initial questions about the various health science careers. The center also contains current catalogs for every health science professional school in the United States as well as information about foreign schools, financial aid, and alternative careers.

Health Careers Opportunity Program (HCOP)

Since 1984, the HSAO has also administered a federally-funded Health Careers Opportunity Program (HCOP). This program is designed to increase the number of minority and disadvantaged Cal State L.A. students accepted into health professional schools. Under the direction of two campus health science advisers and a full-time administrator, the program offers students a variety of enrichment courses, video mock interviews, MCAT/DAT preparation, seminar series, and application counseling, among other benefits. This assistance has enhanced their success in gaining admission to their chosen health professional programs as judged by the most recent national admission statistics.

Minority Access to Energy Research Careers (MAERC)

MAERC is designed to increase the number of underrepresented minority scientists and engineers in energy research. Funded by the U.S. Department of Energy, the program provides monthly stipends for six junior and six senior level student fellows to do research under the direction of a Cal State L.A. faculty member. In the summers, the student fellows receive full funding while working in one of the following U.S. Department of Energy laboratories: Idaho Falls National Energy Laboratory, Lawrence Berkeley National Laboratory, Los Alamos National Laboratory, Solar Energy Research Institute. For further information, call the Dean of the School of Natural and Social Sciences at (213) 343-2000.

Minority Access to Research Careers (MARC)

The MARC Honors Undergraduate Research Training Program trains up to 10 academically accomplished (B or higher grade point average) natural and behavioral science juniors and seniors who can compete successfully for entry into graduate programs leading to the Ph.D. degree in the biomedical sciences or an M.D.-Ph.D. degree.

Student fellows perform research under the direction of faculty who are engaged in biomedical research. A stipend is provided for each student fellow. In addition, the program provides payment of student registration fees, funds for research supplies, and a travel

allowance for fellows to attend scientific meetings to present research papers.

A participant's tenure in the program is two years for trainees entering as juniors and one year for those entering as seniors.

Further information about the MARC program and applications forms may be obtained by writing or phoning Dr. Carlos G. Gutierrez, Director, MARC Program, Department of Chemistry and Biochemistry, (213) 343-2300.

Minority Biomedical Research Support Program (MBRS)

Designed to increase the pool of underrepresented minority biomedical scientists, the MBRS provides annual salaries for undergraduate and graduate students to participate in original research projects in collaboration with experienced faculty mentors.

Students are also given excellent opportunities to obtain experience in contemporary and sophisticated biomedical research, a seminar series presented by distinguished scientists, and travel to national and regional scientific meetings. For further information, contact the MBRS office at (213) 343-2395.

Minority Engineering Program (MEP)

MEP's goal is to increase the number of engineering majors and graduates from underrepresented minority groups while improving these students' professional preparation. MEP services include scholarships, counseling, advising, registration assistance, a study center, study and academic support groups, preprofessional internships, career and professional development seminars, and opportunities for involvement in student organizations. MEP students learn to work cooperatively in a supportive environment. The program provides services to all black, Hispanic, and American Indian engineering majors. For further information, contact the MEP office, E&T A136, or call (213) 343-4527.

Minority Science Program (MSP)

The MSP aims to improve the chances for success of high-potential minority students by helping them improve their study habits and self-esteem and by providing a strong student-faculty support group. Students who register for introductory science and mathematics classes and are identified in the registration process as African-American, Mexican-American or other Hispanic, or Filipino or other Pacific Islander are notified about the program, but all eligible students are invited to apply.

MSP students enroll in a science orientation course designed to help them develop a sense of community. Those who are enrolled in the same courses are assigned a student mentor who works with them as a tutor and counselor. Faculty who teach freshman mathematics and science courses present information to MSP students about their expectations of students enrolled in their courses. Faculty who direct research projects are invited to talk with MSP students about their research. In addition, students learn about required tests and prerequisites, study and communicative skills, science and math careers, and computer usage in the sciences.

The Science and Math Study Center in Biological Sciences 220 is a gathering place for MSP students for individual or group study. Student mentors are available to help students with assigned problems. For further information, contact the program directors, Dr. Margaret Jefferson (Biology Department) or Raymond Garcia (Chemistry and Biochemistry Department), either department office, or the study center.

Partnership for Academic Learning and Success (PALS)

PALS is a faculty/student mentoring program designed to enhance the retention of first-time freshman students from underrepresented populations. Freshmen are paired with peer mentors

who are advanced students with similar majors and career interests and are responsible for assisting freshmen in meeting the challenges of the first year of college. PALS is a school-based retention program, and faculty coordinators from each of the schools and the Academic Advisement and Information Center (for students with undecided majors) are actively involved in the program. Exciting academic programs and cultural and social activities are key elements of the PALS program. For further information, contact the PALS office, Administration 127B, (213) 343-3184.

PREPROFESSIONAL STUDY

Students who wish to prepare for professional study in engineering and the natural sciences, as well as the fields of law, librarianship, or medicine and health sciences will find specialized counseling and advisement at Cal State L.A. Such preprofessional advisement is separate from and in addition to major program advisement. Students are urged to consult current catalogs of professional schools available in the Reference Room of the Library for specific requirements, or to contact the advisement offices named below.

American Humanics, Inc.

Cal State L.A.'s American Humanics program, housed in the School of Health and Human Services, provides opportunities for students interested in human service organization careers to receive a specific, practical, educational experience related to their desired career goals. American Humanics, Inc. is a national program available at selected college and university campuses in the continental United States. The intent of the program is to recruit, educate, and place qualified professional staff in nonprofit agencies. Cal State L.A.'s American Humanics program office is located at the entrance to Library North, phone (213) 343-4580. Students interested in the program are advised to contact the program director. A certificate program in Voluntary Youth Agency Administration and Youth Agency Administration (YAA) courses are described in the undergraduate School of Health and Human Services chapter.

Health-Related Programs

A wide range of programs in health and health-related fields is offered in a variety of departments and divisions. The various programs have a strong clinical and field placement component at several leading health care facilities and clinics in the metropolitan area to prepare graduates to enter the health field as professionals. Additional information is available from the Coordinator of Health-Related Programs, Biological Sciences 125, (213) 343-2995. Programs and the departments and divisions in which they are offered include:

<i>Program/Department/Division</i>	<i>Phone (Area Code 213)</i>
Audiology	
Communication Disorders	343-4690
Dietetics	
Family Studies and Consumer Sciences	343-4630
Exercise Science	
Physical Education and Recreation/Leisure Studies	343-4650
*Health Care Management	
Coordinator	343-2903
Health Science	
Health Science	343-4740
Medical Technology	
Microbiology	343-2030
Nursing	
Nursing	343-4700

<i>Program/Department/Division</i>	<i>Phone (Area Code 213)</i>
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(continued)

Nutrition and Food	
Family Studies and Consumer Sciences	343-4630
Physical Education for Exceptional Individuals	
Physical Education and Recreation/Leisure Studies	343-4650
Preprofessional Program for Medicine, Dentistry, Optometry, Pharmacy, Podiatry, and Veterinary Medicine	
Health Science Advisement Office	343-2070
Rehabilitation Services	
Administration and Counseling	343-4250
Social Work	
Social Work	343-4680
*Special Education	
Special Education	343-4400
Speech-Language Pathology	
Communication Disorders	343-4690

* graduate program only

Law

Students who wish to study law are expected in most instances to earn a baccalaureate in a relevant academic field and to acquire a good foundation in English, history, economics, logic, political science, psychology, and sociology.

The *Prelegal* option for the Bachelor of Arts degree in Political Science and the Business Arts-Prelegal option for the Bachelor of Science degree in Business Administration are recommended as acceptable interdisciplinary programs. The Department of Political Science also offers a Prelaw minor. Preprofessional advisement is available in the Department of Political Science and the Department of Finance and Law concerning other programs acceptable for admission to schools of law.

Prelaw students are expected to take the Law School Aptitude Test (LSAT) in the fall quarter of the year preceding their anticipated admission to law school. Application forms may be obtained during the spring quarter in the Political Science department office.

Librarianship

The field of librarianship provides careers with diverse opportunities and room for personal and professional growth. The information field is growing, and the work of librarians is expanding to keep pace. Every day librarians sift through clues, uncover facts, and help people weave knowledge from threads of information. School library media specialists do some of the most important teaching in schools today.

School library media specialists in California are required to hold a California teaching credential and a Library Media Teacher credential. The Library Services credential program is described in the graduate *School of Education* chapter of this catalog. For more information, consult the School of Education, King Hall D2071B.

Many libraries also have support and paraprofessional positions that do not require a library science degree but offer valuable experience for someone interested in pursuing work in libraries. For information about the Library Technician nondegree credit certificate program, consult Continuing Education, (213) 343-4900.

For more information about library education programs, write to Library Careers, ALA/OLPR, 50 East Huron Street, Chicago, Illinois 60611.

THE GENERAL EDUCATION PROGRAM

The California State University (CSU) requires that each baccalaureate graduate have completed a program of general education breadth requirements in addition to a major program of study. The general education program is designed to ensure that graduates "have made noteworthy progress toward becoming truly educated persons." Although the general areas of study and minimum unit requirements within them are prescribed by the CSU Board of Trustees, the individual campuses are given the authority to set course requirements within those areas, to add other requirements, and to enact other regulations. California State University, Los Angeles has designed its general education program within these guidelines.

Each baccalaureate student who enters Cal State L.A. fall 1982 or later and who is subject to requirements in the 1982-1983 or any later catalog shall complete the general education program described below.

Students who enter Cal State L.A. summer 1987 or after must complete the program with a minimum C (2.0) average and a minimum C grade in all basic subjects courses.

It is essential that students plan their general education programs with the help of an academic adviser. Please consult the current *Schedule of Classes* for specific information about distribution requirements, unit requirements, and current general education courses. General requirements include a minimum of 72 quarter units to be selected in accordance with the specified distributions among the designated categories. At least 12 units of upper division course work must be included, taken subsequent to the attainment of upper division standing (completion of 90 quarter units) and selected from the list of approved upper division theme courses. A student may not use an upper division theme course to satisfy both general education and major requirements, a course may be used to meet a major or general education requirement, but not both. All students must complete a minimum of 12 quarter units of general education courses in residence at Cal State L.A.

Departments and divisions that require of their majors specific courses that are certified by the offering department or division as at least equivalent to the general education courses in a given subject may permit approved substitutions for general education courses. All such substitutions must be arranged by the student in consultation with the major department or division academic adviser.

Certification of General Education

Under the provisions that govern general education within the CSU, regionally accredited, participating colleges and universities may certify the completion of a portion of the 48 semester (72 quarter) units required in general education. Cal State L.A. will accept up to 39 semester (60 quarter) units of course work certified by another authorized institution. However, such acceptance is limited to the number of units required in each area and to a maximum of 30 semester (45 quarter) units in Areas B through D. Course work completed by students whose general education requirements are not certified by the transfer institution is evaluated in terms of Cal State L.A.'s current general education requirements.

Students are cautioned that certification is not automatic; each student must request it. In addition, all participating college and universities have their own policies governing certification. Students are strongly advised to read their college or university catalog carefully and to consult a counselor for details about individual regulations and restrictions.

Students who transfer to Cal State L.A. who were certified as having completed the lower division general education requirements under previous requirements but who have not maintained continuous attendance must complete Cal State L.A.'s upper division requirements as described below.

Goals of the Program

Cal State L.A.'s General Education program emphasizes the interdependence of individuals, the human community, and the natural world by focusing on the knowledge, experiences, relationships, and ethical concerns common to all people. In affirming the community's claim on individual members, general education courses call attention to a shared cultural heritage and common contemporary problems. The goal of General Education is to provide knowledge and understanding of common problems, experiences, and traditions, and an assessment of finite resources, mutual human needs, and values.

Toward this end, general education courses encourage students to acquire a knowledge of humankind's common heritage, develop global perspectives, cultivate social responsibilities, stimulate commitments to moral values and ethical behavior, develop common commitments and mutual respect among diverse social, cultural, and ethnic groups, establish an understanding of the natural and physical aspects of the world that render life forms interdependent, and nurture an understanding of environmental responsibilities.

All courses approved for general education credit, including those lower division courses that also earn credit toward a major, are mandated to require the practice and evaluation of writing, as well as library assignments when appropriate.

Within an integrated and systematically organized curriculum, students acquire proficiency in the basic intellectual approaches to learning, become familiar with the methodologies and scholarly concerns of various disciplines, and participate in an interdisciplinary application of these to a common thematic focus. Through a combination of direct participation and observation, general education courses enable students to:

- Demonstrate the ability to think clearly and logically, to find and critically examine information, to communicate orally and in writing, and to perform quantitative functions;
- Acquire appreciable knowledge about their bodies and minds, about how human society has developed and how it functions, about the physical world in which they live, about other life forms, and about the cultural endeavors and legacies of civilization;
- Appreciate the principles, methodologies, value systems, and thought processes employed in human inquiry; and
- Attain a broad general knowledge of a wide range of multicultural achievements stressing the major artistic and creative contributions made throughout the ages by individuals and societies.

Structure of the Program

The General Education Breadth Requirements are structured so that introductory courses are taken prior to participation in integrative experiences. Students are expected to complete the general education requirements in written and oral communication, critical thinking, and mathematics, and general education prerequisite courses, if any, before enrolling in any upper division general education theme course.

THE GENERAL EDUCATION PROGRAM

All baccalaureate students who enter Cal State L.A. fall 1982 or later and who are subject to requirements in the 1982-1983 general catalog shall complete the general education program described below, in consultation with a faculty adviser. The requirements include a minimum of 60 units selected from the course lists on the next page. In addition, at least 12 of the total 72 units must be earned at Cal State L.A. *All students who are subject to requirements of the 1987-1989 or later catalog must earn a C average in their general education program and minimum C grades in all Block A (basic subjects) courses.*

CONFIGURATION OF BLOCKS

A. BASIC SUBJECTS (16 units) (one course from each area)

1. Written Communication (4 units)
2. Oral Communication (4 units)
3. Critical Thinking (4 units)
4. Mathematics (4 units)

A minimum C grade in all basic subjects courses is required of all students who enter Cal State L.A. summer 1987 or later.

AMERICAN INSTITUTIONS (8 units)

B. NATURAL SCIENCES (8 or 12 units) (2 or 3 areas)

Based on the classification of the student's major as listed below. A biological science and a physical science, each with lab, are required of all students.

1. Biological Science with lab (4 units)
2. Physical Science with lab (4 units)
3. Interactions-Nonlab science (4 units)

C. HUMANITIES (8 or 12 units) (2 or 3 areas)

Based on the classification of the student's major as listed below. Students must take either 8 units from 2 fields or 12 units from 3 fields.

1. Literature
2. Arts
3. Philosophy
4. Foreign Language

D. SOCIAL SCIENCES (8 or 12 units) (2 or 3 areas)

Based on the classification of the student's major as listed below. Students must take either 8 units from 2 fields or 12 units from 3 fields.

E. LIFELONG UNDERSTANDING AND SELF-DEVELOPMENT (4 units)

F. UPPER DIVISION THEME (12 units)

Select one theme and complete 3 courses as required in that theme.

CONFIGURATION OF UNITS								
A	B	C	D	E	F			
Basic Subjects	American Institutions	Natural Sciences	Humanities	Social Sciences	Lifelong Understanding and Self-Dev.	Lower Division Total	Upper Division Theme	General Education Total
16	8	8 or 12	8 or 12	8 or 12	4	60	12	72

CLASSIFICATION OF MAJORS

Natural Science-based Majors. Students majoring in the following programs should take 8 units of natural science (physical and biological, each with lab) 12 units of humanities, and 12 units of social science:

Biochemistry (BS)	Earth Sciences (BA)	Nutritional Science (BS)	Nursing (BS)
Biology (BS)	Engineering (BS)*	Mathematics (BA, BS)	Physical Education (BS)
Chemistry (BA, BS)	Geology (BS)	Medical Technology (BS)	Physical Science (BS)
Computer Science (BS)	Health Science (BS)	Microbiology (BA)	Physics (BS, BA)

Humanities-based Majors. Students majoring in the following programs should take 12 units of natural science; including Interactions, 8 units of humanities, and 12 units of social science:

Art (BA)	Japanese (BA)	Music (BMus, BA)	Spanish (BA)
English (BA)	Journalism (BA)	Philosophy (BA)	Speech Communication (BA)
French (BA)	Liberal Studies (BA)	Radio/TV Broadcasting (BA)	Theatre Arts (BA)
Industrial Arts (BA)			

Social Science-based Majors. Students majoring in the following programs should take 12 units of natural science, including Interactions, 12 units of humanities, and 8 units of social science:

Afro-American Studies (BA)	Computer Information Systems (BS)	History (BA)	Psychology (BA)
Anthropology (BA)	Criminal Justice (BS)	Home Economics (BA)	Rehabilitation Services (BS)
Business Administration (BS)	Economics (BA)	Industrial Technology (BS)	Social Science (BA)
Business Education (BS)	Fire Protection Administration and Technology (BS)	Latin American Studies (BA)	Social Work (BA)
Child Development (BA)	Geography (BA)	Mexican-American Studies (BA)	Sociology (BA)
Communicative Disorders (BA)		Political Science (BA)	Vocational Arts (BVE)

Students should choose general education courses in consultation with an academic adviser in their major department or division. This is particularly important for science majors whose general education Natural Science requirements will differ from the courses listed in the general education program.

*GE program for Engineering majors is available in the School of Engineering and Technology. See a faculty adviser.

General Education Lower Division Courses



Catalog: 1982-1983 or later

A	B	C	D	E	
Basic Subjects	American Institutions	Natural Sciences	Humanities	Social Sciences	Lifelong Understanding and Self Development
UNITS: 16	8	8 or 12	8 or 12	8 or 12	4
<p><u>§A1 WRN COMM</u></p> <p>§ENGL 190</p> <p><u>A2 ORAL COMM</u></p> <p>SPCH 150</p> <p><u>§A3 CRIT THINK</u></p> <p>PHIL 160, 250 POLS 155 SPCH 176</p> <p><u>§A4 MATH</u></p> <p>MATH @100, 102, #153</p> <p>@formerly MATH 153 #changed to MATH 100</p> <p>§Minimum C grades in these classes required of students following 1987-1989 or any later catalog</p>	<p><u>U S HISTORY</u></p> <p>HIST 202A or 202B</p> <p><u>U S CONSTITUTION</u></p> <p>†POLS 150</p> <p><u>ST/LOCAL GOV'T</u></p> <p>†POL 150 or 200</p> <p>†POLS 150 meets both areas</p>	<p><u>B1 BIOLOGICAL</u> (w/lab)</p> <p>BIOL 155, 156 MICR 151</p> <p><u>B2 PHYSICAL</u> (w/lab)</p> <p>ASTR 151 with 152 CHEM 158 with 159 GEOL 150 with 151 or 152 GEOL 155 with 156 or 157 PHYS 150</p> <p><u>B3 INTERACTIONS</u> (no lab)</p> <p>ANTH 260 BIOL 165 GEOG 160 GEOL 158 PHYS 155 PSY 270</p>	<p><u>C1 LITERATURE</u></p> <p>ENGL 250, 258</p> <p><u>C2 ARTS</u></p> <p>ART 101ABC, 151-159 #DANC 157 ENGL 225 MUS 150, 160, 264 PAS 260 TA 152</p> <p>‡formerly PE 157</p> <p><u>C3 PHILOSOPHY</u></p> <p>PHIL 151, 152, 238 RELS 200</p> <p><u>C4 FOREIGN LANGUAGE</u></p> <p>#ARAB 100ABC CHIN 100ABC, 101ABC, 200ABC, 201ABC FREN 100ABC, 200AB GERM 100ABC ITAL 100ABC JAPN 100ABC, 130, 200ABC, 230 LATN 100ABC, 222 PAS 125 RUSS 101AB SPAN 100ABC, 105, 130, 200ABC, 205AB, 230</p> <p>#not offered after the 1986-87 academic year</p>	<p>ANTH 250 ECON 150 ENGR 250 GEOG 150 HIST 110ABC POLS 250 PSY 150 SOC 201 URBA 101</p> <p>No more than 4 units from group below:</p> <p>CHS 111 LAS 150 PAS 101 **SOCS 180 SOC 263</p> <p>**formerly L&S 180</p>	<p>ANTH 265 CHEM 160 ***FSCS 120, 250 HS 150 PE 150 PSY 160 SOC 202</p> <p>***formerly HE 120, 250</p>

NOTE: A minimum C average in general education is required of all students following the 1987-1989 or any later catalog.

NOTE: Other courses may be approved in some categories in conjunction with a student's major. Consult a department or division adviser for a list of double-counted courses.

NOTE: Engineering majors' GE program differs. See an academic adviser in your major department.

UPPER DIVISION THEMES

Students are required to complete a 12-unit upper division theme as part of the general education program after they have achieved upper division standing (i.e., after they have completed 90 units). The themes consist of integrated courses designed to help students acquire knowledge of the major achievements and concerns of enduring significance in the human experience.

Courses in each theme are distributed among three areas including natural sciences and mathematics, social sciences, and humanities. Students must select one course from each area for the theme selected. Completion of the lower division Basic Subjects requirement is prerequisite to all upper division theme courses, and additional lower division general education courses may be required as prerequisites to individual courses contained in the themes. Some courses included within the themes are "crosslisted"; that is, they are offered under two or more course abbreviations (e.g., BIOL/CHEM 350N). Students may register under any of the available course abbreviations; departments offering these courses will change from quarter to quarter. Students may not use an upper division theme course to satisfy both general education and major requirements. A course may be used for a general education or a major requirement, but not both.

Students may choose from the following themes, in consultation with an adviser. A student who elects to change themes before completing the sequence must take 12 units of work in the three areas of the new theme to meet this requirement.

1. SCIENCE, ENVIRONMENT, AND PUBLIC POLICY

"Science, Environment, and Public Policy" explores the scientific considerations that have an impact on the natural environment. It discusses the moral obligation of humanity toward the environment and societal attitude toward nature as revealed by the arts. The student also can explore the historical development of current attitudes toward the environment and the way in which the political process is brought to bear on environmental concerns. Courses included are:

Natural Sciences and Mathematics

- BIOL/CHEM/CS/PHYS 358N, Science and Controversy (4)
- ENGR/GEOG 358, Technology and Environment (4)

Social Sciences

- HIST 458, History of the American Environment (4)
- POLS 458, Environmental Policy and Politics (4)

Humanities

- ART/MUS 456, Nature, Environment, and the Arts (4)
- ENGL 358, Technology in Literature (4)

2. ANCIENTS AND MODERNS

"Ancients and Moderns" is an integrated approach to antiquity, its history, achievements, and legacy to modern Western and Islamic culture. Its purpose is to develop an understanding of our civilization, its achievements and problems. Courses included are:

Natural Sciences and Mathematics

- CHEM 380N/HIST 380, Ancient and Modern Science (4)

Social Sciences

- HIST 311, Classical Civilization and the Modern World (4)

Humanities

- ART/ENGL 381, Legacy of Ancient Literature and Art (4)
- PHIL 321, Ancient Thought and its Modern Legacy (4)

3. THE CREATIVE EXPERIENCE IN HUMAN DEVELOPMENT

"The Creative Experience in Human Development" explores all aspects of the creativity of human beings. Students examine the

thought processes employed in human inquiry through a study of the culture, history, and physical nature of the world in which they live. Courses included are:

Natural Sciences and Mathematics

- MICR 363, Microbiological Detectives (4)
- PHYS 363, The Creative Process in Physics (4)

Social Sciences

- ANTH 450, Culture and Innovation (4)
- SOC 442, Social Change (4)

Humanities

- ART/MUS 455, The Creative Genius in Art and Music (4)
- MUS 355, The Creative Aspects of Music (4)

4. THE NUCLEAR AGE

This theme has been deleted from the curriculum. Students may no longer enroll.

5. PERSPECTIVES ON EVOLUTION

"Perspectives on Evolution" is intended to provide a foundation for understanding the theory of evolution as applied to the origins of the universe, the earth, raw materials for life, and life forms. The history of the idea of evolution from antiquity to the present and its impact on the culture of the 20th century will be explored. Courses included are:

Natural Sciences and Mathematics

- BIOL/CHEM 350N, Evolution of Life (4)
- GEOG/PHYS 350N, Evolution of Universe and Earth (4)

Social Sciences

- ANTH 350, Evolution of Culture (4)

Humanities

- ART/ENGL/HIST/PHIL 350, Evolution and the Modern World (4)

6. WORLD URBAN ENVIRONMENT: ECOLOGY AND MAJOR URBAN ISSUES

"World Urban Environment: Ecology and Major Urban Issues" contributes to an understanding of urbanization, its causes and consequences, and focuses on the city as a special kind of human habitat, with emphasis on the relationship of urban issues to the ecology of the city. Courses included are:

Natural Sciences and Mathematics

- BIOL 361N, Ecology of the Urban Environment (4)
- ENGR 352, Technological Aspects of Urban Environment (4)

Social Sciences

- GEOG 476, Urban Areas (4)
- SOC 430, Urban Sociology (4)

Humanities

- ART 485, Ecology and Environment (4)
- SPCH 489, Intercultural Communication (4)

7. THE AMERICAN LANDSCAPE

This theme provides a basis for viewing the American landscape as an evolving aggregate of natural human resources in interaction with the awareness that natural science, social science, and the humanities all contribute to an understanding of that landscape. Emphasis includes evaluation of America's natural environments and settlement features as seen by geologists, geographers, authors, and artists.

Natural Sciences and Mathematics

- GEOG 420N, Geology of the National Parks (4)

Social Sciences

- GEOG 421, United States (4)

Humanities

- ART 341, The American Landscape in Art (4)
ENGL 387, The American Landscape in Literature (4)

8. INSTITUTIONAL RACISM

Institutional racism is a set of beliefs, attitudes, policies, and practices that permeate the major social, political, and economic institutions of the Western world. This theme helps students identify and explore the origins and present systems of institutional racism and develop new strategies designed to lessen the impact of institutional racism in modern society.

Natural Sciences and Mathematics

- BIOL 319N, Human Genetics (4)
BIOL 321N, Institutional Racism: The Social Darwinian Rationale (4)

Social Sciences

- EDAD 480, Institutional Racism and Schools (4)
SW 462, Institutional Racism and Poverty (4)

Humanities

- LAS 435, Race and Culture in Latin America (4)
PAS 427, Institutional Racism: Black Response in Literature (4)

9. DEVELOPMENT PROCESS IN THE THIRD WORLD

The Third World is characterized by severe social tension and staggering challenges. Immigration pressures are a continuing source of conflict and the competition for resources will become more acute. The natural science courses consider the physical limits and possibilities of Third World development; the social sciences develop an appreciation of human and economic processes affecting social and economic change in the Third World; and the humanities component examines the dynamic interplay among the arts, religion, and cultural values.

Natural Sciences and Mathematics

- GEOG 433, Third World Environments and Their Technological Development (4)

Social Sciences

- ECON 460, Economic Growth of Underdeveloped Areas (4)
LAS/PAS 460, Dynamics of Social Change in the Third World (4)

Humanities

- LAS/PAS 442, Cultural Impact of Third World Development (4)
PHIL 418, Religion, Traditional Values, and Modernization (4)

10. GENDER IN HUMAN EXPERIENCE

The theme provides an integrated and disciplined inquiry into the status and implications of gender differences, exploring the meaning and significance of these basic factors in human experience. The natural sciences introduce students to the biological bases of sex differences; the social sciences treat gender in relation to cultural and social institutions; and the humanities explore the meaning of sex and gender, their cultural expressions, and prospects for rational evaluation of gender organization.

Natural Sciences and Mathematics

- BIOL 488N/PSY 488, Gender Differences (4)

Social Sciences

- ANTH 438, Sex Roles in Crosscultural Perspective (4)
SOC 441, Sociology of Sex Roles (4)

Humanities

- ENGL/SPCH 385, Sex and Gender in Language and Literature (4)
PHIL 412, Philosophy and Sex Roles (4)

11. HUMAN MATURITY AND AGING: PROCESSES AND PROBLEMS

The theme addresses major life issues that confront individuals in maturity and adulthood, and provides an integrated academic approach to the study of human aging through examination of the biological bases of aging, the social and psychological implications of maturity and aging, and the literary and philosophical concepts of age and aging.

Natural Sciences and Mathematics

- BIOL 484N, Biology of Human Aging (4)
FSCS 451, Nutrition and Aging (4)

Social Sciences

- PSY 462, Psychology of Human Development: Maturity and Aging (4)
SOC 450, Sociology of Aging (4)

Humanities

- ENGL/FL/PHIL 383, Themes of Adult Life in Philosophy and Literature (4)
RELS 425, Themes of Adult Life in Religion (4)

12. HEALTH AND WELL-BEING

The theme provides a basis for understanding the physical, emotional, cultural, and philosophical aspects of self as these relate to personal well-being. The focus is on concerns of enduring importance to the human experience of all individuals as members of the national and world communities. Nursing majors may not enroll in this theme.

Natural Sciences and Mathematics

- FSCS/PE 300, Physiological and Nutritional Bases of Fitness (4)
FSCS 450, Nutrition and Well-Being (4)

Social Sciences

- ANTH 444, Medical Anthropology (4)
SOC 425, Medical Sociology (4)

Humanities

- PHIL 491, Medical Ethics (4)
ART/DANC/MUS/TA 357, Creative Experiences for Well-Being (4)

13. ROMANCE VS. REASON

This theme consists of an integrated sequence of courses that focus on a complex historical period, 1789-1914, in which scientific, humanistic, and social perspectives are transformed by human action and historical events to create the environment for the intellectual revolution of the period and lay the groundwork for the social, political, intellectual, and cultural changes in twentieth century societies. The dramatic tensions between romanticism and rationalism in the sciences, humanities, and social sciences are explored in the reactions to the Enlightenment and Revolution (1789-1848), during the period of institutionalized change after the revolutions of 1848, in which theories of evolutionary change provided debate over the place of human beings in nature (1848-1871), and through the crisis of Victorian culture in which psychic, intellectual, and political tensions reached a climactic synthesis in the cataclysm of 1914 (1871-1914). The courses that comprise this theme are Liberal Studies 300A, 300B, and 300C. They are offered according to the schedule below.

Romance vs. Reason I

- LBS 300A, Romance, Reason, and Revolution, 1789-1848

Romance vs. Reason II

- LBS 300B, The Debate over Man's and Woman's Place in Nature, 1848-1871

Romance vs. Reason III

LBS 300C, Crisis of Victorian Culture, 1871-1914

14. HUMAN EMOTIONS

"Human Emotions" is an interdisciplinary exploration of the integration within humans of biology, society, and culture, drawing on fundamental knowledge about human nature and evolution, social institutions and values, and creative and aesthetic elements of institutions and values, and aesthetic elements of culture. Students learn to reflect upon and evaluate their own emotional feelings and expressions within physiological, social, and cultural frameworks relating their private experiences to education and connecting the personal with the abstract.

Natural Sciences and Mathematics

ANTH 400, Evolution of Human Emotions (4)

PSY 323, Psychology of Emotions (4)

Social Sciences

HIST 456, History of Emotions (4)

SOC 400, Emotions in Society (4)

Humanities

ENGL/FL 389, Human Emotions in Literary Expression (4)

TA 457, Emotions in the Theatre and Film (4)

15. VIOLENCE AND VICTIMS

"Violence and Victims" utilizes a multidisciplinary approach that provides comprehensive investigations, discussions, and debate involving theories, research, and intervention methodologies relevant to the causes and effects of violent behavior. The theme, which is structured to increase students' understanding of the nature, causes, and complexities of violence in its myriad forms, includes the study of how, when, and why it occurs.

Natural Sciences and Mathematics

NURS/PSY 307, The Physiological and Behavioral Aspects of Victims and Aggression (4)

Social Sciences

NURS/SW 455, Family Violence and Abuse: Strategies for Prevention and Intervention (4)

SOC 483, Violence in American Society (4)

Humanities

BCST 466, The Visualization of Violence in the Media (4)

ENGL 382, Violence in Literature (4)

DEGREE REQUIREMENTS**Catalog Requirements Under Which An Undergraduate Student Graduates**

Unless exception is requested under one of the provisions below, students enrolling at Cal State L.A. for the first time must meet degree requirements specified in the catalog in effect at the time of entrance. The catalog date is specified on each student's credit summary.

Baccalaureate students who remain in attendance in regular sessions at any California State University campus, any California community college, or any combination of California community colleges and CSU campuses and thereafter at Cal State L.A. may elect to meet Cal State L.A. graduation requirements in effect at the time they began such attendance, at the time they entered Cal State L.A., or at the time of graduation from Cal State L.A. In this context, attendance means attendance in at least one semester or two quarters each calendar year, excluding summer session, extension, and concurrent enrollment in Cal State L.A. courses. Absence due to an approved educational leave or for attendance at another accredited institution of higher learning shall not be considered an interruption in attendance if the interruption does not

exceed two years. Disqualified students retain their existing catalog privileges under the conditions outlined above, also.

All other transfer students and students who have not remained in attendance as described above will be held to Cal State L.A. graduation requirements in effect at the beginning of their most recent period of attendance at Cal State L.A. or, alternatively, at the time of graduation. Students who change to a new degree and/or major objective must meet requirements for the new degree and/or major in the catalog in effect at the time of change. If courses described under earlier requirements are no longer available, the major department or division may authorize or require appropriate substitutes.

General education is an integral component of the requirements for the bachelor's degree. Students who remain in attendance as defined above normally will meet general education requirements listed in the catalog in effect at time of entrance. However, they may elect to meet general education requirements in the catalog in effect either at the time of entrance or graduation, and need not meet major requirements from the same catalog. If courses described under earlier requirements are no longer available, appropriate substitutes must be selected from the current list of courses approved for the area involved.

Time Limits on Major Requirements for Bachelor's Degrees

A department or division may specify that no subject, unit, or grade credit be granted for specific upper division courses offered by that department or division to students who completed such courses more than ten years prior to the date of their bachelor's degree. Courses with time limits are designated in the course descriptions in this catalog and on the major program advisement sheets submitted by each student's major department or division to the Graduation Office. When a Cal State L.A. course is so designated, the restriction also applies to equivalent courses transferred from other institutions. Students may petition for and, in extraordinary circumstances, the major departments and divisions may grant, permission to validate by examination such an expired course with the concurrence of the department or division that offers the course or its equivalent.

For all requirements, election of any catalog will not extend beyond ten years after its designated academic year.

Residence Requirement

Students must complete a minimum of 45 quarter units, including at least 36 upper division units, 18 units in the major, and 12 units in general education courses, in residence at Cal State L.A. for the baccalaureate. Credit earned in Special Sessions may be applied toward this residence requirement to a maximum of 8 units in the major and 18 units overall. Credit earned in extension courses or by examination may not apply toward the residence requirement.

Scholarship Requirements

In addition to meeting total unit requirements for graduation, students must also satisfy specific scholarship requirements. These include achievement of a minimum 2.0 grade point average (C on a scale in which A = 4.0) in all units attempted, including those accepted by transfer from another institution, all courses required for the major, all courses used to meet general education requirements, and all units attempted at Cal State L.A.

**Writing Skills Requirement
(Upper Division Writing Requirement)**

All CSU students must demonstrate competence in writing skills as a requirement for graduation. The English Placement Test (EPT), described in the Admissions chapter of this catalog, has been

implemented as a screening device for entering undergraduate students.

All Cal State L.A. students who enter summer 1984 or later and are pursuing a degree or credential are required to pass the Writing Proficiency Examination (WPE) prior to completion of 135 quarter units. English 190 is prerequisite to that examination. Transfer students who have completed 135 quarter units upon entrance must pass the WPE during their first quarter in residence at Cal State L.A. Students who fail to pass the WPE in timely fashion are subject to administrative probation or disqualification. Students who have satisfied the upper division writing skills requirement at another institution with an implied level of achievement at least equivalent to that at this campus shall be considered to have met the Cal State L.A. requirement.

Successful performance on the WPE satisfies the Cal State L.A. upper division writing skills requirement. However, departments and divisions may require of their majors additional discipline-based course work in writing. See a faculty adviser concerning major department or division requirements.

To take the WPE, students must register for UNIV 400 which is offered every quarter. Additional information about the WPE is available in the *Schedule of Classes* and at the Learning Resource Center.

The postbaccalaureate writing skills requirement—for students pursuing graduate degrees and credentials—is described in the Graduate and Postbaccalaureate Study section.

Undergraduate Credit for Graduate Courses

Under extraordinary academic circumstances as specified below, the University Undergraduate Studies Subcommittee (USS) may approve the granting of baccalaureate credit for 500-level course work to a maximum of two courses not to exceed a total of 6 quarter units. The following conditions must be met:

- Senior standing at the time of petition (completion of 135 quarter units);
- grade point average of 3.5 in the major;
- submission of a petition to the Undergraduate Studies Subcommittee (USS) at least one full quarter in advance of the quarter in which the courses are to be taken; and
- submission of a letter of recommendation from the instructor of the 500-level course(s), endorsed by the chair of the student's major department or division and by the chair of the host department or division if the proposed course is not in the student's major department or division.

Graduate Credit for Undergraduate Students

With the exception of the provisions for outstanding seniors described above and for vocational teachers enrolled for the community college credential and the BVE degree, graduate course credit may not be applied toward a baccalaureate. In their final quarter of undergraduate study, students may apply toward graduate credit a maximum of eight units in courses beyond the minimum requirements for the baccalaureate, provided they have maintained a minimum 2.5 grade point average in all upper division work. Students with a 3.0 average or higher may include in this allowance one 500-level course. Any course for which graduate credit is requested must be approved in advance by the graduate adviser in the department or division in which the master's degree is to be taken.

The approved application must be delivered to the Office of Admissions, Graduation Section, Administration 409, during the quarter prior to that in which courses are to be taken. Graduate credit is allowed for courses numbered in the 400- and 500-series only.

Application for Graduation (Degree Check)

Application for graduation (degree check) is made on a form available at Administration 101 or 409, or academic department or division offices. Permission to apply for graduation must be granted by the candidate's major department or division before the completed application form and required fee are submitted to the Cashier's Office for payment of the fee.

Students are required to file an application by the deadline announced in the *Schedule of Classes*. The application is valid only for the stated quarter. A new application is required of students who do not meet requirements for the stated quarter by the completion deadline announced in the *Schedule of Classes*. Graduation check reports normally are mailed to applicants no later than the deadline to add classes for the final quarter. Candidates who apply during the final quarter may not receive a graduation check report until the following quarter.

A graduation application is not subject to withdrawal if degree requirements are met by the end of the quarter for which the application was filed. Students who fail to qualify for graduation in the quarter for which they applied must file a new application when requesting a graduation check report for any future quarter. Degrees are granted at the end of the quarter in which all requirements are met.

Commencement Exercises

Commencement is held annually at the end of the spring quarter. Students who have completed degree requirements the previous summer, fall, or winter quarter are eligible to participate in the ceremony along with those who complete their work in the spring quarter. Information bulletins about commencement activities are mailed to the home address of those eligible to participate early in the spring, and are available on campus at school and department and division offices and Administration 101 and 409.

During Commencement Exercises, degrees are conferred on the candidates by the President of the University. Although each candidate receives a diploma cover during the program, the actual diploma is sent several months later. A few weeks after graduation, eligible candidates receive a Letter of Congratulations in the mail and degrees are posted on their permanent academic records.

Career Placement Information

The campus may furnish, upon request, information about subsequent employment of students who receive academic degrees in programs or courses of study that prepare them for a particular career field. This information includes data concerning average starting salary and the percentage of previously enrolled students who obtained employment. The information may include data collected from either graduates of the campus or graduates of all California State University campuses. Copies of the published information are available in the Cal State L.A. Office of and College Relations/Preadmission Counseling, Student Affairs 123.

Recognition of Academic Excellence

Cal State L.A. recognizes superior academic achievement by conferring honors upon students with outstanding records at an annual spring Honors Convocation and at the annual Commencement Exercises in June.

Recognition is accorded at the annual Honors Convocation to undergraduate students placed on the Dean's List, those who were awarded Honors at Entrance, members of the General Education Honors Program, and both undergraduate and graduate students selected by their major departments and divisions to receive the Alumni Association Certificate of Honor. Also recognized at the Honors Convocation are recipients of academic scholarship

awards and juniors and seniors elected to membership in national honor societies. The requirements for Honors at Entrance, Dean's List, and Certificate of Honor awards are as follows:

Honors at Entrance

First-time freshmen who enter with a grade point average of 3.5 or higher on their high school record.

Dean's List

Undergraduate students who earn a 3.4 grade point average or higher for a quarter in which they complete 12 or more units of traditionally graded course work and who rank in the upper five percent of students in academic achievement within their school. The preceding eligibility criteria also apply to graduate students seeking a second or subsequent baccalaureate. Students will not be added retroactively to the Dean's List on the basis of completion of work in which the original grade was I (Incomplete).

Alumni Association Certificates of Honor

Awarded to undergraduate and graduate students who are selected by their academic department or division for outstanding achievement in their field of study with a B (3.0) grade point average and at least three quarters completed at Cal State L.A.

Graduation with Honors

Baccalaureate graduates of Cal State L.A. who maintain an outstanding scholarship record while earning the degree receive special recognition upon graduation. These honors, designated on the diploma and the permanent academic record, are granted to the top 5% of students graduating in each school, calculated from grade point averages achieved at Cal State L.A. These percentages are calculated once for each academic year (the academic year is defined as summer, fall, winter, and spring quarters). Eligibility is limited to students who have earned at least 72 quarter units in residence at Cal State L.A. Second baccalaureate candidates who are eligible for University honors may receive those honors for which they qualify. Students pursuing an advanced degree or a teaching credential are not eligible for such honors.

Honors at graduation are determined according to the criteria listed below.

Honors Category	Percentage
<i>Cum laude</i> (honor)	Top 1%
<i>Magna cum laude</i> (high honor)	Top 3%
<i>Summa cum laude</i> (highest honor)	Top 5%

For these calculations, Rehabilitation Services majors (School of Education) will be included with the competition pool for the School of Natural and Social Sciences. Students with a special major will be included with the school in which they have earned the majority of the units in their major.

General Education Honors Program

Cal State L.A.'s General Education Honors Program provides highly qualified students with diverse, enriched intellectual activities through a separate curriculum which includes Honors classes, seminars, and research. Honors courses promote intellectual curiosity, critical reading, and logical thought and writing. These courses have a lower student enrollment than other general education courses and are taught by the university's finest professors, many of whom are nationally recognized authorities in their field of study. Honors students not only have the opportunity to accelerate their academic program; they also encounter challenging and rewarding educational experiences.

The General Education Honors Program:

- Provides high potential students an opportunity to participate in intellectually demanding and academically challenging general education courses
- Offers opportunities for greater interaction with peers and involvement in interdisciplinary learning
- Identifies Cal State L.A. resources through which high potential students can receive academic, personal, and career counseling to help them better define and reach their goals
- Creates opportunities for high potential students and faculty members to establish closer educational and personal relationships
- Prepares students for participation in upper division departmental honors programs

Students are offered the following special opportunities:

- **Special sections of general education courses.** Participation in courses appropriately modified in content, methodology, and level of enrichment for the high potential student.
- **Honor societies.** Coordination of membership with other honors organizations.
- **Priority registration privileges.** Students are allowed priority registration privileges for General Education Honors Program courses.
- **Waiver of prerequisites.** With department or division approval, students with appropriate background may be allowed to enroll in upper division courses without having met the usual lower division prerequisites.
- **Student Association.** All students in the program hold membership in the Student Association which promotes non-academic and social interests and serves as a source of enrichment to the University by sponsoring and arranging activities beneficial and open to the entire campus. The group is represented on the Honors Council and aids the director and the council in the developing and implementing the program.

Classes that meet general education requirements are available each quarter except summer. These classes are designated as General Education Honors Program courses and enrollment is restricted to honors program students. All courses seek to explore more advanced and sophisticated areas of knowledge than regular general education offerings, although they meet general education requirements. A higher level of achievement is expected. Honors Program students are required to complete at least 24 units with a minimum B (3.0) grade point average to earn a General Education Honors Program certificate.

For further information, contact the Program Director, Honors Program office, Library North Lobby, phone (213) 343-4960.

Departmental Honors Programs

Further recognition of academic excellence is accorded through Cal State L.A.'s departmental honors programs, offered presently in anthropology, biology, chemistry, child development, and physics. Students who maintain a superior grade point average and have faculty recommendation are permitted to enroll in an honors program in their elected major. Considerable freedom is provided students and their advisers in designing enriched programs of study. This may include deviation from traditional course patterns to permit additional work in subjects related to the major, more intensive study in subject areas of special interest, and participation in special colloquia, independent study, individual research, and honors theses.

Students who complete these honors programs receive citations of departmental honors on their transcripts and diplomas.

National Honor Societies

Chapters of more than twenty national honor societies have been chartered at Cal State L.A. to accord recognition to students who demonstrate superior scholarship and leadership in academic areas. A specific minimum grade point average, ranging from 3.0 to 3.85, is required for initiation into each of these honor societies.

<i>National Honor Society</i>	<i>Discipline(s)</i>
Alpha Kappa Delta, Iota Chapter	Sociology
Beta Alpha Psi, Beta Lambda Chapter	Accounting
Beta Gamma Sigma, Eta Chapter	Business
Chi Epsilon, Cal State L.A. Chapter	Civil Engineering
Delta Pi Epsilon, Beta Pi Chapter	Business Education
Epsilon Pi Tau, Alpha Psi Chapter	Technology
Eta Kappa Nu, Epsilon Nu Chapter	Electrical Engineering
Golden Key, Cal State L.A. Chapter	all academic disciplines
Kappa Delta Pi, Iota Phi Chapter	Education
Kappa Pi, Gamma Tau Chapter	Art
Omicron Delta Epsilon, Eta of California Chapter	Economics
Phi Alpha Theta, Eta Xi Chapter	History
Phi Beta Delta, Zeta Chapter	international scholars
Phi Delta Kappa, Campus Chapter No. 121	Education
Phi Kappa Phi, Cal State L.A. Chapter	all academic disciplines
Pi Delta Phi, Epsilon Nu Chapter	French
Pi Lambda Theta, Alpha Psi Chapter	Education
Pi Tau Sigma, Sigma Kappa Chapter	Mechanical Engineering
Psi Chi, Cal State L.A. Chapter	Psychology
Sigma Delta Pi, Gamma Psi Chapter	Spanish
Tau Beta Pi, California Iota Chapter	Engineering

Credit Certificate Programs

Certificate programs are designed to augment university curricula by providing specialized instruction and training within a field. These programs usually require significantly fewer units than a degree major. An undergraduate credit certificate program must contain a minimum of 24 quarter units and a graduate level program, 16 units. Normally, courses in certificate programs will be upper division or graduate level, except for prerequisites. Students may transfer from another institution no more than one quarter of the total units required for a certificate (75% of the course work must be completed at Cal State L.A.). A maximum of one quarter (25%) of the total units required for a certificate may be devoted to internships or independent study, or a combination of both. The minimum grade point average required for completion of an undergraduate credit certificate program is C (2.0), and for postbaccalaureate certificates, B (3.0). These grade point average requirements do not pertain to noncredit certificate programs. A *Certificate of Completion* is awarded upon successful completion of the program requirements. Some certificates are offered within degree majors and can be applied toward a baccalaureate or a master's degree; others are offered through Continuing Education with the certificate being the main goal.

Cal State L.A. offers the following credit certificate programs that are open to qualified undergraduate students. Additional postbaccalaureate and graduate level programs are listed in the *Graduate and Postbaccalaureate Study* chapter. Individual certificate program requirements and required courses appear in the program listings of the academic departments, divisions, and schools that offer them.

Accounting

Offered by the Department of Accounting, (213) 343-2630, the program is designed to provide an organized series of courses in

accounting for students in other majors who wish to qualify to take a professional accounting examination, to meet civil service educational requirements for employment as a professional accountant or auditor, or to acquire the skills needed for employment as a professional accountant in private industry.

Adult Medical Nurse Practitioner

Offered by the Department of Nursing, (213) 343-4700, this program provides training for nurses who desire to expand their role by becoming adult medical nurse practitioners.

Adult Nurse Practitioner

Offered by the Department of Nursing, (213) 343-4700, this program is designed for nurses who desire to expand their area of expertise by becoming adult nurse practitioners. The nurse practitioner can effectively lower or eliminate certain deficits in the health care delivery system and make a positive impact in the areas of distribution and utilization of direct providers of care, cost and efficiency of primary health care delivery, and access and quality in meeting health care needs.

Advanced Information Systems

Offered by the Department of Information Systems, (213) 343-2983, the program is designed to give individuals who are pursuing or have earned a degree in business administration (or have equivalent experience) an introduction to the techniques of information systems design, planning, and management. Applicable toward degrees in business administration.

Alcohol and Drug Problems Specialist

Offered by the Department of Health Science (213) 343-4740, the program prepares students to work in community agencies involved with alcohol and/or drug related problems. Applicable toward degree programs in health science.

Applied Gerontology

Offered by the School of Health and Human Services, (213) 343-4724, this program is designed to enhance the preparation of individuals enrolled in courses or working in health-related disciplines to exercise their effectiveness as practitioners with older populations, particularly ethnic minorities. The program includes instruction about aging in several domains: biological, social/psychological, and policy-social services.

Cartography and Air Photo Interpretation

Offered by the Department of Geography and Urban Analysis (213) 343-2220, in cooperation with the departments of Art, Civil Engineering, and Technology, the program provides a practical approach to the design, layout, and graphics needed in cartographic production, and the training needed to read, digest, and apply information obtainable from aerial photographs. Applicable toward degree programs within the cooperating departments.

Child Maltreatment and Family Violence

Offered by the School of Health and Human Services, (213) 343-4600, the program provides individuals from various disciplines with expanded knowledge and formalized education in the area of child abuse and domestic violence, training and field experience in serving this population, and opportunities to qualify for career positions in which multidisciplinary training is required or essential.

Computer Programming

Offered by the Department of Information Systems (213) 343-2983, the program is designed to prepare individuals for entry level computer programmer positions. Courses in COBOL programming are required and other programming languages may be studied as electives. Applicable toward the baccalaureate in Busi-

ness Administration. Also available through Continuing Education, (213) 343-4900, for nonmatriculated students.

Electronics Technology

Offered by the Department of Technology, (213) 343-4550, the program is designed to provide technical knowledge and hands-on skills necessary for employment in electronic manufacturing, electronic field servicing, or electronic design-assisted environment. Applicable toward baccalaureate programs in technology.

Entrepreneurship

Offered by the Department of Marketing, (213) 343-2960, the program is designed to prepare students and business people for careers in small companies: starting companies, managing small businesses, and working in small businesses. The program includes instruction about how to take a product or service from the idea stage through the introduction and growth stages and/or how to successfully manage the business. A focus may be taken in Retailing, Marketing of Services and Products, Consulting, Accounting, Finance, or Entrepreneurship.

Fashion Design

Offered by the Department of Family Studies and Consumer Sciences, (213) 343-4630, the program provides opportunities for individuals to expand their knowledge and formalized education in the field of fashion design.

Fashion Merchandising

Offered by the Department of Family Studies and Consumer Sciences, (213) 343-4630, the program provides opportunities for individuals to expand their knowledge and formalized education in the field of fashion merchandising.

Fire Protection Risk Analysis and Reduction

Offered by the Department of Technology, (213) 343-4550, the program offers students and individuals in the insurance industry and in private sector fire protection positions a series of professionally related courses in fire protection and fire safety. The program prepares individuals to serve as fire protection and safety specialists, inspectors, evaluators, and managers. Applicable toward the baccalaureate in Fire Protection Administration and Technology.

Fire Service Administration

Offered by the Department of Technology, (213) 343-4550, the program offers fire department personnel who hold an associate degree an opportunity to continue their knowledge and formalized education in the elements of effective modern fire department functioning. Course work covers planning, prevention and disaster administration, public administration, and personnel and budgeting administration. Applicable toward the baccalaureate in Fire Protection Administration and Technology.

Graphic Design

Offered by the Department of Art, (213) 343-4010, the program is designed to prepare individuals for career positions in graphics, advertising, illustration, and related media industries. The program includes theory, technical methods, creative concepts, and portfolio development. Applicable toward the baccalaureate in art.

Interior Design

Offered by the Department of Art, (213) 343-4010, the program is designed to prepare individuals for careers in all phases of interior design. Course work includes theoretical, technical, and conceptual experiences leading to portfolio development and career placement. Applicable toward the baccalaureate in art.

International Business

Offered by the Department of Marketing, (213) 343-2960, the program prepares students for careers in firms operating on a multinational basis; for careers in import-export, international finance and banking, and international agencies; and for the Commerce Option of the Foreign Service Officer Examination with the federal government, and to provide training for managers of internationally oriented companies in the Los Angeles area. Applicable toward the baccalaureate in Business Administration. This certificate program is also available through Continuing Education, (213) 343-4900, for nonmatriculated students.

International Criminal Justice Administration

Offered by the Department of Criminal Justice, (213) 343-4610, the program is designed to prepare criminal justice practitioners from foreign nations for management and supervisory positions within criminal justice agencies in their own countries. Course work includes theoretical, technical, and conceptual experiences leading to a balanced view of contemporary thinking in the field. Applicable toward baccalaureate in criminal justice.

Marketing

Offered by the Department of Marketing, (213) 343-2960, the program is designed to prepare students in majors other than business for professional careers in marketing in profit or nonprofit organization. Students may select a focus in marketing management, advertising, public relations, marketing research, retailing, direct response marketing, international marketing, transportation, or financial service marketing. Applicable toward degree programs in business administration. Also available through Continuing Education, (213) 343-4900, for nonmatriculated students.

Music Recording Arts

Offered by the Department of Music, (213) 343-4060, the program is designed to provide the artistic and technical skills necessary for employment in the recording industry. Applicable toward degree programs in music, industrial studies, and engineering.

Neonatal Nursing Care Clinician

Offered by the Department of Nursing, (213) 343-4700, the program is designed to equip registered nurses with in-depth knowledge and expanded role abilities to allow them to function as neonatal nursing care clinicians.

Nurse Midwifery Education

Offered by the Department of Nursing, (213) 343-4700, the program is designed to prepare registered nurses to expand their practice roles by becoming Certified Nurse Midwives (C.N.M.), to reduce the existing severe obstetrical care provider shortages that exist in the greater Los Angeles area. Applicable toward the baccalaureate in Nursing.

Obstetrics-Gynecology Nurse Practitioner

Offered by the Department of Nursing, (213) 343-4700, this program is designed for nurses who desire to expand their role by becoming nurse practitioners.

Occupational Safety and Health

Offered by the Department of Health Science, (213) 343-4740, the program prepares occupational safety and health professionals to function as generalists in implementing safety and loss control programs in industry or medical institutions. This program was developed in accordance with federal and state legal occupational safety and health acts. Applicable toward the baccalaureate or the master's degree in health science.

Office Systems

Offered by the Department of Office Systems and Business Education, (213) 343-2983, the program is designed to provide academic preparation for supervisory positions over the technology, people, and procedures within the organizational and environmental contents of an organization. Includes study of integrated and stand-alone software, electronic spreadsheets, data base management systems, telecommunications, and graphics. Applicable toward the baccalaureate in business education.

Retail Professional Development

Offered by the Department of Marketing, (213) 343-2960, in conjunction with the Institute of Retail Management, the program is designed to provide the skills required for executive positions in the retail industry and to prepare individuals to become successful entrepreneurs in their own retail business. Available through Continuing Education, (213) 343-4900, for nonmatriculated students.

Teaching Microcomputer Business Applications

Offered by the Department of Office Systems and Business Education, (213) 343-2860, the program is designed for teachers and trainers in education and industry who are responsible for teaching students and employees widely used microcomputer business applications. Includes study of integrated and stand-alone software, electronic spreadsheets, data base management systems, telecommunications, and graphics. Applicable toward the baccalaureate in business education.

Transportation (Commercial)

Offered by the Department of Marketing, (213) 343-2960, the program is designed for individuals intending to pursue a career or enhance their advancement potential in the field of industrial traffic and transportation or carrier operation. Applicable toward the baccalaureate in business administration. Also available through Continuing Education, (213) 343-4900, for nonmatriculated students.

Urban Land Use and Property Analysis

Offered by the Department of Geography and Urban Analysis (343-2220) in cooperation with the Department of Finance and Law, the program provides students and professionals with technical and analytical training for evaluating current problems confronting the urban community.

Voluntary Youth Agency Administration

Offered by the School of Health and Human Services in conjunction with American Humanics, Inc., (213) 343-4580, the program is designed to prepare professionals for careers in youth agency administration. Applicable toward baccalaureate programs.

UNDERGRADUATE PROGRAMS

School of Arts and Letters

School of Business and Economics

School of Education

School of Engineering and Technology

School of Health and Human Services

School of Natural and Social Sciences

University Programs



SCHOOL OF ARTS AND LETTERS

Departments and Programs within the School

Department of Art

Department of Communication Studies

Department of English

Department of Foreign Languages and Literatures

Liberal Studies Program

Department of Music

Department of Philosophy

Department of Theatre Arts and Dance

ART

School of Arts and Letters

DEPARTMENT OFFICE

Fine Arts 326

Phone (213) 343-4010

FAX (213) 343-4045

Art is the aesthetic study of humankind's aspirations and accomplishments. The programs of the Department of Art offer students the opportunity to acquire a background of understanding and skills, and to develop their talents in the visual arts. They prepare students for advanced professional study in art as well as for many positions in teaching and in business and industry. Students who intend to pursue careers in advertising, costume, photography, or environmental design; illustration; computer graphics; painting; printmaking; sculpture; jewelry and metal crafting; textiles; art history; and/or teaching art will find appropriate programs or courses of study in the department.

Students pursuing careers in computer science, education, the humanities, industrial studies, home economics, recreation, public relations, and the social sciences may benefit from combining the study of art with their professional preparation.

The Bachelor of Arts degree program is described below. The Master of Arts and Master of Fine Arts degree programs are described in the *Graduate Programs* section.

The Faculty

Emeriti: Amy G. Brainard, John P. Cornish, Geraldine Dimondstein, Wachtang Djobadze, Leonard Edmondson, Leonard F. Heath, Virginia Hoffman, Malcolm A. McClain, Jay M. Metcalf, Hudson Roysher, Ronald Silverman, Lydia M. Takeshita, Lee Wexler, Kenneth Wynsma.

Professors: Walter M. Askin, Charles E. Borman (*Chair*), Marilyn Buccellati, Peter Marc Damian, Abbas Daneshvari, Daniel Douke, Robert R. Fiedler, Edward C. Forde, Gray Phillips, Carolyn R. Radakovich, Robert D. Reeser, Beverly Jeanne Schnitzler, Joseph E. Soldate, Vance Studley, Roy H. Walden.

Associate Professors: Barbara Ann Boyer, Tony Longson, Jay C. Maddox.

Assistant Professors: Elizabeth R. Bryant, John Butler, John Funakura, Imelda R. O'Connor, Beatrice Taylor.

Gallery Director: Daniel Douke.

Exhibitions of Work

The Department of Art schedules exhibits in its galleries of works by established professional artists, as well as by students and faculty. The department reserves the right to retain student work for this purpose.

Bachelor of Arts Degree

The program for the Bachelor of Arts degree in Art is so structured that students have the opportunity to acquire an understanding of the variety of subjects encompassed within the visual arts as well as to develop excellence in a specific area.

Requirements for the Major (90-99 units)

All students majoring in Art, except those following the art history option, participate in an exploratory and fundamental core program of 30-33 quarter units of lower division and 21 units of upper division courses.

Completion of lower division core courses or their equivalent and achievement of upper division standing are prerequisite to admission to upper division art courses. Students not majoring or minor-ing in Art must have consent of the instructor.

To complete the remaining 33 of the 90-95 units required for the major in Art, students select one of three option programs (the fourth option, art history, has a separate core), in consultation with an adviser.

Credit for ART 499, if taken, is limited to 9 units, with no more than 3 units in any one quarter. Nine units may be used for electives.

Required Core (57-62 units):

Lower Division Required Courses (30-33 units):

- ART 101ABC World Art (4, 4, 4)
- ART 103 Design I (3) or
- ART 153 Survey and Studios: Introduction to Design (4)
- ART 104 Introduction to Drawing (3) or
- ART 159 Survey and Studio: Drawing (4)
- ART 203 Design II (3)
- ART 155 Survey and Studio: Painting (4) or
- ART 234 Introduction to Painting (3)
- ART 244 Introduction to Life Drawing (3)
- TECH 280 Tools for the Artist (3)

Electives (6-8 units)-select two from following:

- ** ART 102 Introduction to Clay and Ceramic Processes (3) or
- ART 152 Survey and Studio: Introduction to Ceramics (4)
- ART 158 Survey and Studio: Weaving/Fibers Arts (4) or
- ART 202 Introduction to Weaving: Loom Techniques (3) or
- ART 212 Introduction to Weaving: Knotting Techniques (3)
- ART 157 Survey and Studio: Metals, Jewelry, Enamels (4) or
- ART 207 Introduction to Metals and Enamels (3) or
- ART 272 Introduction to Jewelry (3)
- ART 287 Introduction to Photographic Processes (4)

** ART 203 or 153 required for students in credential option

Upper Division Required Courses (21 units):

- ART 303 Theories of Three-Dimensional Applied Design (3)
- ART 309 Sculpture: Basic Approaches (3)
- ART 356 Written Expression in Visual Arts (4)
- ART 401 Proseminar: Critical Theories in Visual Arts (3)
- ART 415 Foundations of Art (4)
- ART 426 Modern Art (4)

Options

Students elect one of the following options to complete their major. Prerequisites to admission to an option are upper division standing and completion of the core. Students within 5 units of completing core requirements may take courses within their option with departmental permission.

• Design Option (33 units)

The *Design* option is planned to develop an understanding of design theory necessary for production of ideas in the following career interest areas: computer graphics; fashion design, textile and fiber arts; graphic design and advertising; illustration; interior and architectural design; metals and jewelry; and photography.

Required Courses (33 units):

- ART 312 Rendering: An Introduction (3)
 ART 323 Perspective Drawing (3)
 ART 333 Color (3)

Select remaining 24 units of upper division art courses, excluding ART 499, with adviser approval. Recommended career interest areas are:

Computer Graphics

- ART 380, 403, 416, 433, 454L.P., 463, 468, 480, 494

Fashion Design, Textiles, and Fiber Arts

- ART 336, 373, 376, 380, 407, 416, 433, 437, 438, 447, 453,
 454L.P., 463, 467, 468, 471, 473, 478, 486

Graphic Design and Advertising

- ART 308, 313, 332, 360, 408, 413, 416, 423, 448, 453, 454L.P.,
 463, 468, 480, 493, 494

Illustration

- ART 388, 418, 433, 453, 454L.P., 463, 468, 488

Interior and Architectural Design

- ART 322, 328, 343, 380, 403, 418, 428, 433, 443, 454L.P., 463,
 468, 480

Metals and Jewelry

- ART 327, 418, 427, 454L.P., 463, 468, 472

Photography

- ART 377, 387, 392, 402, 454L.P., 463, 468, 477, 482, 483, 487, 497

Electives (6 units):

Select upper division art courses, excluding ART 499, with approval of adviser.

• Single Subject Teaching Option (37 units)

The *Single Subject Teaching Option* is planned for art majors who are also candidates for the Single Subject teaching credential. It is designed to acquaint students with concepts and processes associated with the visual arts as identified by the California Commission on Teacher Credentialing. Refer to the undergraduate *School of Education* chapter of this catalog for regulations governing all teaching credential programs. Students electing this option should seek advisement from both the department and the School of Education.

Required Courses (16 units):

- ART 400 Development of Literacy in Visual Arts (4)
 ART 405 Exploring Art Concepts and Media (4)
 ART 460 Multicultural Approaches to Visual Arts (4)
 PHIL 475 Aesthetics (4)

Electives (21 units):

Select art courses from one of the other three options:

• Studio Arts Option (33 units)

The *Studio Arts* option is planned for the development of perceptual and conceptual abilities needed for engaging in creative visual expression. A minimum of 33 units is required, distributed in the following pattern:

Required Courses (minimum 27 units)—select from following:

- ART 307 Ceramics (3)
 ART 314 Sculpture: Plaster and Stone (3)
 ART 319 Sculpture: Wood (3)
 ART 364 Intermediate Drawing (3)
 ART 374 Intermediate Painting (3)
 ART 377 Intermediate Photography (4)
 ART 380 Computer Graphics I (4)

- ART 387 Color Negative Photography (4)
 ART 392 Color Transparency Photography (4)
 ART 402 Advanced Color Photography (4)
 ART 404 Studio Seminar (4)
 ART 409 Sculpture: Clay Modeling (3)
 ART 412 Advanced Ceramics (3)
 ART 414 Advanced Painting and Drawing (3)
 ART 417 Advanced Ceramic Processes (3)
 ART 419 Sculpture: Metal (3)
 ART 424 Printmaking: Lithography (3)
 ART 429 Sculpture: Plastics (3)
 ART 434 Watercolor Painting (3)
 ART 439 Sculpture: Exhibition (3)
 ART 453 Airbrush Techniques (3)
 ART 454L.P. Special Topics in Art (1–4)
 ART 464 Life Composition (3)
 ART 474 Printmaking: Etching (3)
 ART 477 History of Photography (4)
 ART 479 Silkscreen/Serigraphy (3)
 ART 480 Computer Graphics II (4)
 ART 482 Photographic Manipulations and Extensions (4)
 ART 483 Photographic Studio Techniques (4)
 ART 484 Advanced Sculpture (3)
 ART 487 Advanced Photography (4)
 ART 494 Computer Graphics Animation (4)
 ART 497 Large Format Photography (4)

Electives (6 units):

Select upper division art courses, excluding ART 499, with approval of adviser.

• Art History Option (91–95 units)

Students who select this option complete a separate core described below, incorporating foundations courses within a total of 27–31 units in lower division and 8 units in upper division courses. In addition to the core, 56 units are required in the option.

The *Art History* option covers historical and developmental studies of art in most of the world's civilizations. It is intended to develop the student's ability to evaluate and comprehend concepts and issues within this cultural heritage.

Art History Core**Lower Division Required Courses (21–23 units):**

- ART 101ABC World Art (4, 4, 4)
 ART 103 Design I (3) or
 ART 153 Survey and Studio: Introduction to Design (4)
 ART 104 Introduction to Drawing (3) or
 ART 159 Survey and Studio: Drawing (4)
 ART 244 Introduction to Life Drawing (3)

Select two from following (6–8 units):

- ART 102 Introduction to Clay and Ceramic Processes (3) or
 ART 152 Survey and Studio: Introduction to Ceramics (4)
 ART 155 Survey and Studio: Painting (4) or
 ART 234 Introduction to Painting (3)
 ART 203 Design II (3)
 CIS/SOCS 280 The Computer World (4)
 CIS 294 Business Computer Systems (4)

Upper Division Required Courses (8 units):

- ART 356 Written Expression in Visual Arts (4)
 ART 426 Modern Art (4)

Area of Specialization**Required Courses (56 units)—select from following:**

- ART 406 Ancient Near Eastern Art and Archeology (4)

153 Survey and Studio: Introduction to Design (4)

The role of design and its influences on human development; history, functions, cultural survey, and symbolism correlated with personal exploration. Lecture 2 hours, activity 4 hours.

CAN ART 14

155 Survey and Studio: Painting (4)

Human development and the arts as experienced through painting; history, forms, functions, interrelationships, and symbolism correlated with personal exploration. Lecture 2 hours, activity 4 hours.

CAN ART 10

157 Survey and Studio: Metals, Jewelry, Enamels (4)

Human development and the arts as experienced through metals, jewelry, enamels; history, forms, functions, symbolism integrated with personal exploration. Lecture 2 hours, activity 4 hours.

158 Survey and Studio: Weaving/Fiber Arts (4)

The role of weaving and fiber arts in art and human development; history, techniques, forms, and iconology correlated with personal exploration. Lecture 2 hours, activity 4 hours.

159 Survey and Studio: Drawing (4)

Human development and the arts as experienced through drawing; history, forms, functions, interrelationships, and symbolism correlated with personal exploration. Lecture 2 hours, activity 4 hours.

CAN ART 8

202 Introduction to Weaving: Loom Techniques (3)

Techniques of weaving on a multiple harness loom. Warping, dressing loom, basic weaves, pattern drafts, and other necessary knowledge and skill. Activity 6 hours.

203 Design II (3)

Prerequisite: ART 103. Two- and three-dimensional studies of elements and principles of art with emphasis on color theory. Meets 6 hours weekly. **CAN ART 16**

1207 Introduction to Metals and Enamels (3)

Exploration of characteristics of metals and enamels; introduction to basic tools, techniques, and processes; emphasis on design possibilities inherent in nonsolder joining, texturing, forging, and application of enamels. Activity 6 hours.

1210 Art for the Young Child (4)

Exploring visual arts in relation to aesthetic, emotional, intellectual, and social growth of young children. Lecture 2 hours, activity 4 hours.

212 Introduction to Weaving: Knotting Techniques (3)

Methods of structuring with fiber including knotting, macrame, loom-free and primitive weaving; fabric constructions involving collage, applique, stitchery, and three-dimensional forms. May include field trips. Activity 6 hours.

234 Introduction to Painting (3)

Creative use of color based on an understanding of visual structural elements; study and manipulation of various media including watercolor and oil. Activity 6 hours. **CAN ART 10**

244 Introduction to Life Drawing (3)

Basic concepts of figure drawing; experimentation leading toward understanding of form, structure, and proportions of human figure as applied to visual expression. Activity 6 hours.

254L.P. Special Topics in Art (1-4)

Prerequisite: As needed for specific topic. Current topics of special interest, as announced in *Schedule of Classes*. May be repeated to maximum of 9 units.

1272 Introduction to Jewelry (3)

Design and fabrication of basic jewelry techniques; lost wax casting; texturing; forming; linking; soldering; bezel stone setting; use of bronze, silver, and other nonferrous metals. Activity 6 hours.

1287 Introduction to Photographic Processes (4)

Basic principles of photography; tools, materials, philosophies, and techniques of photography as an expressive medium. Students furnish their own cameras. Lecture 2 hours, laboratory 4 hours. **CAN ART 18**

Upper Division Courses

Upper division standing is prerequisite to enrollment in all upper division art courses. Students majoring or minoring in Art must have completed applicable lower division core courses or equivalents; students in other fields must have instructor consent.

303 Theories of Three-Dimensional Applied Design (3)

Prerequisite: ART 203. Theoretical studies in the design of three-dimensional form utilizing a variety of materials and processes. Meets 6 hours weekly.

1307 Ceramics (3)

Intermediate level study of clay technology, hand construction, and decorative processes. Activity 6 hours. May be repeated to maximum of 6 units.

308 Graphic Design I (3)

Prerequisites: ART 313, 332. Layout skills; use of artists' media and tools in graphic design and knowledge of various graphic processes. Activity 6 hours.

1309 Sculpture: Basic Approaches (3)

Introductory experiences in three principal sculptural approaches of modeling, carving, and construction; physical characteristics of various materials used in sculpture and aesthetic concepts involved in basic approaches. Activity 6 hours.

312 Rendering: An Introduction (3)

Rendering techniques for all phases of design; control of value to distinguish objects, show distance and space, describe form, organize composition, and achieve atmosphere; various media employed. Activity 6 hours. May include field trips. May be repeated to maximum of 6 units.

313 Lettering I (3)

Theoretical and historical background of lettering. Development of basic skills in beginning lettering and calligraphic techniques. Activity 6 hours.

1314 Sculpture: Plaster and Stone (3)

Basic sculptural experiences and use of sculpture tools; work in stone, plaster, and cement; direct carving and modeling; armature construction. Activity 6 hours. May be repeated to maximum of 6 units.

1319 Sculpture: Wood (3)

Basic sculpture concepts and techniques of direct wood carving and construction. Other materials used to supplement use of wood in exploration of contemporary concepts of sculpture. Activity 6 hours. May be repeated to maximum of 6 units.

322 Rendering: Architectural and Interiors (3)

Prerequisite: ART 312. Intermediate course in rendering of architectural projects both exterior and interior; descriptive techniques using markers and pencils on various papers/surfaces. May be repeated to maximum of 6 units.

323 Perspective Drawing (3)

Laboratory course designed to develop skills in perspective drawing including orthographic projection, isometric drawing, and rendering. Activity 6 hours.

1327 Intermediate Enameling (3)

Prerequisite: ART 207. Intermediate exploration of techniques and processes with emphasis on design and craftsmanship.

328 Interior Design (3)

Prerequisites: ART 322, 323. Interior design spaces, interior appointments, color usage, space-object relationships of interior traffic patterns. Activity 6 hours. May include field trips.

332 Rendering: Graphics and Product (3)

Prerequisite: ART 312. Rendering techniques and studies for the product and graphic designer, emphasizing methods of formal presentation techniques. May be repeated to maximum of 6 units.

333 Color (3)

Prerequisite: ART 203. Study and interaction of color; laboratory work in subtractive color and defined problems in theory of color design. Activity 6 hours.

1338 Textile Design (3)

Prerequisite: ART 203. Fundamental theories, concepts, and processes used for printed textile ornamentation. Activity 6 hours. May include field trips.

341 The American Landscape in Art (4)

Historical survey and analysis of the landscape and visions of the U.S. in art and architecture from 1700 to the present. Theories and principles of art, especially landscape painting.

343 Architectural Design (3)

Prerequisites: ART 313, 322. Historical and contemporary architectural ideas and solutions; simple layout skills, media, and tools as they relate to architectural designer. Activity 6 hours. May include field trips.

350 Evolution and the Modern World (4)

(also listed as ENGL 350, HIST 350, and PHIL 350)

Prerequisite: GE humanities requirement. History of the idea of evolution from antiquity to the present and its impact on the culture of the 20th century.

351 Art Appreciation (4)

Development of an understanding of world art through the study of its structure, history, and significant works. Attendance at selected galleries required.

356 Written Expression in Visual Arts (4)

Prerequisite: ENGL 190. Study of and practice in forms of writing pertaining to art.

357 Creative Experiences for Well-Being (4)

(also listed as DANC 357, MUS 357, and TA 357)

Prerequisites: HS 150, one GE humanities (arts-C2) course. Exploration of creative experiences in the arts for promotion of mental, emotional, and physical well-being.

364 Intermediate Drawing (3)

Prerequisite: ART 104. Composition with diversified subjects other than life model; comprehensive drawings in line, value, and shape. May include field trips. Activity 6 hours.

373 Creative Fashion Design (3)

Prerequisites: ART 203, 244. Basic studies in creative fashion design and body ornamentation formulated through the application of elements and principles of art.

374 Intermediate Painting (3)

Prerequisite: ART 234. Intensive study in style and subject matter in painting. May include field trips. Activity 6 hours.

377 Intermediate Photography (4)

Prerequisite: ART 287. Development of individual creative approaches and philosophies in photography as well as strengthening of controls and techniques of black and white processes. Camera required.

378 Fashion Illustration (3)

Prerequisite: ART 244. Fashion design, its relation to high style and commercial development of fashion; rendering and production methods. May include field trips. Activity 6 hours.

380 Computer Graphics I (4)

Computers in art and design; descriptions, functions, visual problem solving, programming, computer graphics, applications in visual imagery and design. May be repeated to maximum of 8 units. Lecture 2 hours, laboratory 4 hours.

381 Legacy of Ancient Literature and Art (4)

(also listed as ENGL 381)

Prerequisite: ENGL 250. Legacy of ancient literature and art in modern literature and art through focus on three themes: the self and self-consciousness, society, and nature.

1387 Color Negative Photography (4)

Prerequisite: ART 377. Introduction to color negative films and paper; work with properties of color negative film and producing prints from color negative materials. Lecture 2 hours, activity 4 hours.

388 Illustration (3)

Prerequisite: ART 203. Problems in illustration emphasizing composition techniques using various media. May include field trips. Activity 6 hours.

1392 Color Transparency Photography (4)

Prerequisite: ART 377. Introduction to color transparency films and printing materials; work with properties of slide films and producing prints from slide materials. Lecture 2 hours, laboratory 4 hours.

1400 Development of Literacy in Visual Arts (4)

Investigation of perceptual, expressive, historical, and cultural components associated with visual-aesthetic phenomena. Lectures, studio experience, and visits to art exhibits.

401 Proseminar: Critical Theories in Visual Arts (3)

Prerequisites: ART 101A or 101C; 426; senior-standing as Art major or recommendation of department. Systematic approach to art theory, criticism, and evaluation within the visual arts; development of independent critical and artistic viewpoints with regard to creation of art forms.

402 Advanced Color Photography (4)

Prerequisite: ART 392. Advanced techniques, theories, history of color photography; student production of comprehensive body of work utilizing color processes. Lecture 2 hours, activity 4 hours. May be repeated to maximum of 8 units.

403 Advanced Three-Dimensional Design (3)

Prerequisite: ART 203. Studies in design of space modulation and motion; innovative three-dimensional forms. Activity 6 hours. May be repeated to maximum of 6 units.

1404 Studio Seminar (4)

Prerequisite: ART 401. On-site examination of contemporary art in artists' studios in Los Angeles; practical application of theory and

interaction with artists in their work place. May be repeated to maximum of 12 units.

†405 Exploring Art Concepts and Media (4)

Prerequisite: Lower division Art major or minor core. Exploration and analysis of ideas and processes suited to development of expressive and appreciative skills. Lecture 2 hours, activity 4 hours.

406 Ancient Near Eastern Art and Archeology (4)

Art and archeology of ancient Mesopotamia, Egypt, Crete, and Greece. Principal monuments of architecture, sculpture, and the applied arts.

407 Fiber Arts (3)

Prerequisite: ART 103 or 153. Creative and expressive potential of fibers including techniques using loom weaving, papermaking, and 3-D fiber construction. May be repeated to maximum of 9 units.

408 Graphic Design II (3)

Prerequisite: ART 308. Studies developing layout skills, use of artists' media and tools in graphic design, and knowledge of graphic processes. Activity 6 hours. May be repeated to maximum of six units.

†409 Sculpture: Clay Modeling (3)

Prerequisite: ART 309. Advanced clay modeling and construction; anatomical studies from model, physical, and aesthetic properties of clay as a medium of personal expression. Activity 6 hours.

†410 Art Experiences for Exceptional Children (3)

Art education concepts relative to requirements of retarded or handicapped children; work in two-dimensional and three-dimensional materials and skills appropriate to individual abilities. Activity 6 hours.

411 Greek and Roman Art (4)

Art of Greece, its development in Hellenistic and Roman times, and the Etruscan influences.

†412 Advanced Ceramics (3)

Prerequisite: ART 307. Formation of ceramic art forms by means of wheel-thrown and hand-construction methods. Activity 6 hours. May be repeated to maximum of 9 units.

413 Lettering II and Typography (3)

Prerequisite: ART 313. Advanced studies and development of skills in use of lettering, calligraphy, and typography. Lecture and activity 6 hours. May be repeated to maximum of 6 units.

414 Advanced Painting and Drawing (3)

Prerequisites: ART 234, 244. Studio approaches to painting techniques and pictorial organization. May be repeated to maximum of 24 units, and to maximum of 9 units with any one instructor. Activity 6 hours.

415 Foundations of Art (4)

Philosophical, historical, cultural, and psychological factors in creation of a response to visual-aesthetic form.

416 Medieval Art (4)

Principal monuments of Medieval architecture, sculpture, and painting covering the Celtic, Carolingian, Ottonian, Romanesque, and Gothic periods.

†417 Advanced Ceramic Processes (3)

Prerequisite: ART 412. Advanced ceramic technology, clay, glazes; practical applications to all clay forms. May be repeated to maximum of 9 units.

418 Business Principles and Practices for Artists and Designers (4)

Business management for small design or studio offices; training in freelance procedures, billing, contracts, portfolios, licenses, and artist representation; survival strategies.

†419 Sculpture: Metal (3)

Prerequisite: ART 314 or 319. Lost-wax method of casting non-ferrous metals, welding, and braced sculpture. Activity 6 hours. May be repeated to maximum of 9 units.

421 Baroque Art (4)

Art of western Europe from 16th through late 17th century.

423 Product Design (3)

Prerequisites: ART 332, 403. Manipulation of three-dimensional form relative to functional and merchandising requirements of industrial assignments. Activity 6 hours. May be repeated to maximum of 6 units.

†424 Printmaking: Lithography (3)

Prerequisite: Lower division art major core. Graphic processes of lithography; work in black and white and color. Activity 6 hours. May be repeated to maximum of 12 units.

†425 Art as a Recreational Activity (3)

Prerequisite: ART 400. Theory and practice of arts and crafts for varied recreational settings based on relationship of creative arts to leisure. Lecture 1 hour, activity 4 hours.

426 Modern Art (4)

Evolution of modern painting, sculpture, and architecture since Impressionism; surrealism, Russian constructivism, and abstract expressionism.

†427 Advanced Jewelry and Metalsmithing (3)

Prerequisite: ART 272. Lost-wax casting of precious and nonprecious metals, traditional and contemporary stone setting, and advanced fabrication of jewelry-like forms including commercial production methods, electrofabrication, raising, and hot and cold forging techniques. Activity 6 hours. May be repeated to maximum of 15 units.

428 Advanced Interior Design (3)

Prerequisite: ART 328. Elements of visual expression and design related to historical and contemporary concepts of interior work and living space needs. Activity 6 hours. May be repeated to maximum of 6 units.

†429 Sculpture: Plastics (3)

Prerequisite: ART 309. Basic study in sculptural techniques and concepts through exploration of plastics. Activity 6 hours. May include field trips. May be repeated to maximum of 6 units.

431 Oriental Art (4)

Ancient graphic and plastic arts of China, Japan, India, and Persia. Evaluation of their contribution to art expressions of present day. Offered in two sections: China and Japan considered in one, and India and Persia in the other. May be repeated to maximum of 8 units.

433 Advanced Color (3)

Prerequisite: ART 333. Phenomena of color, color perception, and color control for heightened visual experience. Work with defined problems in hue, value, and chroma. Activity 6 hours. May be repeated to maximum of 6 units.

434 Watercolor Painting (3)

Prerequisite: ART 155 or 234. Techniques of watercolor painting; advanced studies in pictorial composition through landscape, fig-

ure, still life, and abstract painting. May be repeated to maximum of 9 units.

†435 Exploring the Arts in Early Childhood (4)

Prerequisite: ART 210 or 410. A conceptual and experimental approach to the interrelationship of visual arts and dance in the education of young children. Studio experiences included. Lecture 2 hours, activity 4 hours.

436 Renaissance Art (4)

Art of Europe from 15th and 16th centuries.

†438 Advanced Textile Design (3)

Prerequisite: ART 338. Advanced theories, concepts, and procedures in dyeing and printing techniques for textile ornamentation. May be repeated to maximum of 6 units.

437 Creative Fabric Art (3)

Prerequisite: ART 103 or 153. Manipulation of fabric as an art form: color, design, patterning through pigmentation, multimedia; historical background and contemporary focus. May be repeated to maximum of 6 units.

439 Sculpture: Exhibition (3)

Prerequisite: Senior standing. Student project demonstrating mastery of selected aspects of sculpture, culminating in student display of work. Activity 6 hours. May include field trips. May be repeated to maximum of 6 units.

†440 Basic Craft Materials and Processes (3)

Exploration of meanings and techniques associated with basic handcraft forms. Activity 6 hours.

441 American Art (4)

History of painting, sculpture, architecture, and minor arts of America from colonial times to present.

443 Advanced Architectural Design (3)

Prerequisites: ART 323, 343. Study in external development of space, scale, human measurement, and space planning. Activity six hours. May be repeated to maximum of 6 units.

†445 Art as Therapy (4)

Prerequisites: Lower division Art major core, PSY 410AB. Fundamental concepts and activities appropriate for therapeutic uses of art with the emotionally and socially disoriented. May be repeated to maximum of 8 units.

446 Art of Latin America (4)

Art of Latin America from ancient civilizations to contemporary painting, crafts, and architecture.

447 Advanced Weaving (3)

Prerequisite: ART 202. Advanced techniques using multiple harness loom; production of two- and three-dimensional woven forms; traditional pattern weaving and tubular weaving with creative adaptations for art forms and utilitarian design. Activity 6 hours. May be repeated to maximum of 12 units.

448 Exhibition Design (3)

Prerequisites: ART 303, 328. Theory and techniques of exhibition and display design; evaluation and analysis of its communicative, aesthetic, and technical factors through practical application. Activity 6 hours. May be repeated to maximum of 9 units.

450 Art, Religion, and Technology (4)

(also listed as RELS 450)

Prerequisite: RELS 200 or PHIL 238 or ART 101A, 101B, or 101C. Relations among art, religion, and technology in selected periods of history in major cultures of the world.

451 Mannerism: High Renaissance to Baroque (4)

Sixteenth century architecture, painting, sculpture, and minor arts from High Renaissance to Baroque.

453 Airbrush Techniques (3)

Intensive study in airbrush painting techniques: spray-coloring, stenciling, product illustration, and rendering. Emphasizes graphic illustration and photo realism. May be repeated to maximum of 6 units.

454LP Special Topics in Art (1-4)

Prerequisite: Upper division standing; courses as needed for specific topic. Current topics of special interest, as announced in *Schedule of Classes*. May be repeated to maximum of 9 units.

455 The Creative Genius in Art and Music (4)

(also listed as MUS 455)

Great artists and musicians throughout history; their philosophy, innovations, accomplishments, and effects on culture and history.

456 Nature, Environment, and the Arts (4)

(also listed as MUS 456)

Human attitudes toward the natural environment as revealed in the visual arts and music. Analysis and interpretation of examples from various periods and cultures.

457 Art and Civilization (4)

Development of world civilization as manifested through art and architecture from ancient Middle East through modern era; history, forms, symbolism, and relationships with other cultural and technological phenomena.

460 Multicultural Approaches to Visual Arts (4)

Prerequisites: ART 351; ANTH 250 (may be taken concurrently). Analysis of art experience as human behavior responsive to sociological, ecological, political and historical conditions in American and other cultures. Specially recommended for students preparing for bilingual/crosscultural specialist credential.

461 Oceanic and North American Indian Art (4)

Historic and traditional art of Pacific areas of Micronesia, Melanesia, Polynesia, and of American Northwest Coast and Southwest Indian art.

463 Portfolio Presentation (3)

Portfolio development techniques for art students including book-binding and photography techniques; collecting, matting, and evaluating art work. Preparatory to starting professional art career. Activity 6 hours. May be repeated to maximum of 6 units.

464 Life Composition (3)

Use of human figure in composition, utilizing various media and techniques. Activity 6 hours. May be repeated to maximum of 12 units.

†465 Theory and Practice of Art Therapy (4)

History, theoretical approaches to, and practical applications of, art therapy.

466 Nineteenth Century Art (4)

Art of western Europe from David to end of nineteenth century.

467 Loom-Free Fiber Structures (3)

Prerequisite: Lower division Art major core; ART 212 for other majors. Exploration of loom-free fiber techniques: knotless netting, crochet, colling, twining, bobbin lace, and macrame. Activity 6 hours.

468 Problems in Advanced Design (3)

Prerequisite: Senior standing in design option. Advanced investigations and concepts in aesthetics; materials and techniques

relevant to professional practice requirements. Activity 6 hours. May include field trips. May be repeated to maximum of 9 units.

470 Directed Field Work in Art/Art Therapy (1-4)

Prerequisites: Art major core, ART 425 or 445. Supervised art observation and participation in nonschool recreation, therapy or nontraditional situations. Lecture 1 hour, field work 9 hours weekly. May be repeated to maximum of 8 units.

471 History of Costume I (4)

Major periods in Western costume from primitive times through 17th century. Evaluation of aesthetic, technical, sociological, psychological, and economic factors related to art of dress.

†472 Advanced Enameling (3)

Prerequisite: ART 327. Advanced experience in transparent and opaque enameling techniques, emphasizing professional approaches to design development. May be repeated to maximum of 12 units.

473 Advanced Creative Fashion Design (3)

Prerequisite: ART 373. Advanced design theories and concepts of creative fashion and body ornamentation. Activity 6 hours. May be repeated to maximum of 6 units.

†474 Printmaking: Etching (3)

Graphic processes of etching; work in black and white and color. Activity 6 hours. May be repeated to maximum of 12 units.

475 The Arts and Human Development (4)

Prerequisite: ART 400 or 435. Analysis of relationship between human behaviors and forms of artistic expression.

476 Early Christian and Byzantine Art (4)

Prerequisite: ART 101A. Art history from 250 to 1453 A.D. in Eastern empire, to 476 A.D. in western Roman empire; covers key monuments of architecture, sculpture, painting, and applied arts.

477 History of Photography (4)

Prerequisite: ART 101A. History of photography from 19th century to present; relationship with history, culture, technology, art, social values, and other concerns.

478 Advanced Fashion Illustration (3)

Prerequisite: ART 378. Clothed and fashion figures; their relation to commercial promotion and development of rendering and production methods. Activity 6 hours. May be repeated to maximum of 6 units.

†479 Silkscreen/Serigraphy (3)

History, processes, production of fine prints using silk screens; color, and black and white printing. May be repeated to maximum of 6 units.

480 Computer Graphics II (4)

Prerequisite: ART 380. Continued studies in computers for artists and designers; use of C language; graphics procedures; frame-buffer technology and applications. Lecture 2 hours, laboratory 4 hours. May be repeated to maximum of 12 units.

481 African Art (4)

Art of sub-Saharan Africa. Includes historic art of Benin, Ghana, and Kongo kingdoms and traditional art of Western Sudan, Guinea Coast, and the Kongo.

†482 Photographic Manipulations and Extensions (4)

Prerequisite: ART 377. Use of photographs as part of broad vocabulary of processes; exploration of techniques and methods outside mainstream of photography. Lecture 2 hours, activity 4 hours. May be repeated to maximum of 12 units.

483 Photographic Studio Techniques (4)

Prerequisite: ART 377. Introduction to techniques in studio lighting and related activities through lecture and practical demonstrations. Lecture 2 hours, laboratory 4 hours. May be repeated to maximum of 8 units.

†484 Advanced Sculpture (3)

Prerequisite: ART 309, 314, or 319. Realization of sculptural form in permanent materials; techniques of stone and wood carving; sculpture with metal and plastic materials. Activity 6 hours. May be repeated to maximum of 12 units.

485 Ecology and Environment (4)

Relationships between aesthetics and ecosystems, social structures and environments.

486 History of Costume II (4)

Western costume of 18th, 19th, and 20th centuries. Evaluation of aesthetic, technical, sociological, psychological, and economic factors related to art of dress.

†487 Advanced Photography (4)

Prerequisite: ART 377. Advanced experimental photographic techniques including examination of critical, creative problems; emphasis on individual development and growth. Lecture 2 hours, activity 4 hours. May be repeated to maximum of 8 units.

488 Advanced Illustration (3)

Prerequisite: ART 388. Practical and theoretical problems in illustration, utilizing human figure as principal motivational device for dramatization, story line, and composition. Activity 6 hours. May be repeated to maximum of 6 units.

490 The Arts and Society: Continuity and Change (4)

Examination of the arts throughout history in terms of their effects upon and reflection of values. An interdisciplinary approach drawing from philosophy, the arts, and related fields.

491 Art Since 1945 (4)

Prerequisite: ART 426. Beginning with surrealism and abstract expressionism, this course delineates the many styles of the 1960s and focuses upon postmodern art of the 1970s and 1980s.

493 Advanced Graphic Design (3)

Prerequisite: ART 408. Studies utilizing a wide variety of media in professional design; emphasis on rendering and illustrative methods. Activity 6 hours. May be repeated to maximum of 6 units.

†494 Computer Graphics Animation (4)

Prerequisite: ART 480. Computer graphics animation for artists and designers: storyboard, object design, animation, and production. Lecture 2 hours, laboratory 4 hours. May be repeated to maximum of 12 units.

†497 Large Format Photography (4)

Prerequisite: ART 377. Photographic imaging with large format cameras: view camera techniques, contact prints, zone system, studio, aesthetic issues, theory. Lecture 2 hours, activity 4 hours.

499 Undergraduate Directed Study (1-3)

Prerequisites: Senior standing, completion of all upper division course work in area of study, consent of an instructor to act as sponsor. Project selected in conference with sponsor before registration; progress meetings held regularly and a final report submitted. Limited to 3 units per quarter. May be repeated to maximum of 9 units.

COMMUNICATION STUDIES

School of Arts and Letters

DEPARTMENT OFFICE

Music 104

Phone: (213) 343-4200

The Department of Communication Studies offers undergraduate programs leading to Bachelor of Arts degrees in Journalism, Radio and Television Broadcasting, and Speech Communication; and minors in Journalism and Speech Communication. The graduate program leading to the Master of Arts degree in Speech Communication is described in the Graduate Programs section.

The Faculty

Emeriti: Robert E. Blackmon, Irvin Borders, Jack B. Cullen, Anthony Hillbruner.

Professors: W. Keith Henning, Howard Holladay, Michael P. Kelley, Robert D. Kully, Bobby R. Patton.

Associate Professors: Beryl L. Bellman, Alan J. Bloom, Lesley DiMare (Chair), Dan Hackel, Judith Hamera, Suzanne E. Regan, Charles Simmons, Robert Vianello.

Assistant Professors: Laura Chey Acuña, Kevin Baaske, Ivan M. Cury, Evie-Kaiulani Daufin, Timothy Downs, John Joseph Ramirez, Gust A. Yep.

Bachelor of Arts Degree in Journalism

Students who complete the preprofessional major in Journalism are prepared for careers in (1) editorial and advertising departments of newspapers, press associations, magazines, and industrial organs, (2) public relations programs in business, government, colleges, and city school systems, (3) editorial and business staff work with radio and television stations. Career objectives can be met by specialization in advertising, news-editorial, or public relations, each offered as a sequence in the Journalism major.

Requirements for the Major (minimum 78-79 units)

A minimum of 78-79 units is required, including a core of 23 units in journalism taken by all students, a specialization sequence of 23-24 units in Journalism courses, and 32-34 units of interdisciplinary course work. Ability to type or concurrent enrollment in typing is a prerequisite for all students majoring in Journalism.

Required Core (23 units):

Lower Division Required Courses (8 units):

JOUR 201 News Writing (4)

JOUR 202 Reporting (4)

Upper Division Required Courses (15 units):

JOUR 330 News Editing I (4)

JOUR 391 University Times (3)

JOUR 400 History and Philosophy of Mass Media (4)

JOUR 441 Social Responsibility of Press (4)

Specialization Sequence (23 or 24 units)

Students complete this required concentration by electing one of the following three sequences.

• Advertising Sequence (23 units)

Required Courses (11 units):

JOUR 130 Introduction to Graphic Arts (3)

JOUR 471 Newspaper Advertising (4)

JOUR 475 Advertising Copy and Layout (4)

Electives (select 12 units in journalism form following): (must include 493 or 494):

JOUR 331 News Editing II (4)

JOUR 460 Industrial Magazine Publishing (4)

JOUR 491 Law of Mass Media of Communication (4)

JOUR 492 Radio and Television News Writing (4)

JOUR 493 Editorial and Interpretive Writing (4)

JOUR 494 Reporting of Public Affairs (4)

JOUR 496 Publicity and Public Relations (4)

• News-Editorial Sequence (23-24 units):

Required Courses (12 units):

JOUR 491 Law of Mass Media of Communication (4)

JOUR 493 Editorial and Interpretive Writing (4)

JOUR 494 Reporting of Public Affairs (4)

Electives (select 11-12 units from following):

JOUR 130 Introduction to Graphic Arts (3)

JOUR 331 News Editing II (4)

JOUR 345 Magazine Article Writing (4)

JOUR 471 Newspaper Advertising (4)

JOUR 492 Radio and Television News Writing (4)

JOUR 496 Publicity and Public Relations (4)

• Public Relations Sequence (23-24 units)

Required Courses (12 units):

JOUR 460 Industrial Magazine Publishing (4)

JOUR 496 Publicity and Public Relations (4)

JOUR 497 Public Relations Problems (4)

Electives (11-12 units):

Select three from following (must include JOUR 493 or 494):

JOUR 130 Introduction to Graphic Arts (3)

JOUR 331 News Editing II (4)

JOUR 471 Newspaper Advertising (4)

JOUR 491 Law of Mass Media of Communication (4)

JOUR 492 Radio and Television News Writing (4)

JOUR 493 Editorial and Interpretive Writing (4)

JOUR 494 Reporting of Public Affairs (4)

Courses in Related Fields (32 units):

In addition to the 46-47 units required in journalism, students select at least 32 units from courses listed below to complete a major of at least 78-79 units.

(1) Select a concentration of 16-18 units from one of the following subject fields. All courses are 4 quarter units unless otherwise indicated.

ECON 201, 202, 303, 390, 402, 412, 460, 471, 480

ENGL: any 400-level course up to 490

HIST 110ABC, 150, or any 400-level course

POLS 202, 203, 403, 404, or any other 400-level course up to 477

SOC 201, 202, 390, 414, 415, 424, 430, 480, 482

(2) Select additional courses from any of fields listed above and below which are not part of concentration, to bring total units in related fields to 32-34.

AMER 401, 402, 403
 CHS 110, 111, 150, 410, 430, 444
 MKT 304 PAS 251AB, 400, 403
 PHIL 250, 304, 410 SPCH 176, 371, 485
 PSY 308, 410AB, 418AB, 420, 422

Minor in Journalism

Careers in journalism are not limited to those who major in the field. An appropriate alternative is to major in another subject and take the minor in Journalism, which consists of 15 units of lower division and 19 units of upper division courses. A Journalism minor will introduce students to an interesting career field and provide them with the fundamentals of professional preparation.

Requirements for the Minor (34 units)

Lower Division Required Courses (15 units):

JOUR 100 Survey of American Mass Media (4)
 JOUR 130 Introduction to Graphic Arts (3)
 JOUR 201 News Writing (4)
 JOUR 202 Reporting (4)

Upper Division Required Courses (19 units):

JOUR 330 News Editing I (4)
 JOUR 391 University Times (3)
 JOUR 400 History and Philosophy of Mass Media (4)
 JOUR 441 Social Responsibility of Press (4)
 JOUR 493 Editorial and Interpretive Writing (4) or
 JOUR 494 Reporting of Public Affairs (4)

Bachelor of Arts Degree in Radio and Television Broadcasting

The program leading to the Bachelor of Arts degree with a major in Radio and Television Broadcasting emphasizes both theoretical understanding and practical application of these mass media of communication in contemporary society. This major offers four interdisciplinary options: Advertising; Broadcast Journalism; Mass Communication; and Telecommunications and Film. It is the primary objective of our curriculum to help develop a knowledgeable and artistically skilled graduate who will be able to pursue an advanced degree and/or a professional career in broadcasting, cinema, and mass communication research. The program emphasizes the importance of the communication media's awareness of the multiethnic composition of society and media's impact on all aspects of human interaction.

Requirements for the Major (80-95 units)

Core Requirements (40 units):

Lower Division Required Courses (12 units):

BCST 201 Introduction to Television Studio Production (4)
 BCST 220 Introduction to Broadcasting (4)
 BCST 224 Survey of Film (4)

Upper Division Required Courses (28 units):

BCST 301 Intermediate Television Studio Production (4)
 BCST 328 History of Broadcasting and Film (4)
 BCST 420 Responsibility and Regulation in Broadcasting and Film (4)
 BCST 429 Broadcast and Film Writing (4)
 BCST 462 Criticism of Broadcasting and Film (4)
 MSCM 460 Theories of Mass Communication (4)

Select one from following:

JOUR 493, 494 SPCH 300

Options

• Advertising Option (51 units)

Lower Division (4 units):

JOUR 201 News Writing (4)

Upper Division (36 units):

BCST 362 Broadcast and Film Aesthetics (4)
 BCST 370 Broadcasting and Film as Shapers of the Public Mind (4)
 JOUR 330 News Editing I (4)
 JOUR 441 Social Responsibility of Press (4)
 JOUR 471 Newspaper Advertising (4)
 JOUR 474 Media Sales (4)
 JOUR 475 Advertising Copy and Layout (4)
 MKT 304 Principles of Marketing (4)
 MKT 340 Principles of Advertising (4)

Advertising Practicum

* Select one from following:

UNIV 398 Cooperative Education (3) or
 JOUR 391 University Times (3)

*minimum of 3 units required

Electives (8 units):

Select upper division courses in BCST, JOUR, SPCH, and/or related fields with adviser consent.

• Broadcast Journalism Option (55 units)

Lower Division (15 units):

COMD 160 Voice and Diction (3)
 JOUR 201 News Writing (4)
 JOUR 202 Reporting (4)
 SPCH 267 Introduction to Oral Interpretation (4)

Upper Division (32 units):

BCST 320 Radio Production (4)
 BCST 330 The Documentary in Broadcasting and Film (4)
 BCST 430 Factual Film for Television (4)
 BCST 475 Radio/Cable News Production (4, 4)
 BCST 480 New Media Technologies (4)
 JOUR 441 Social Responsibility of Press (4)
 JOUR 492 Radio and Television News Writing (4)

Electives (8 units):

Select upper division courses in BCST, JOUR, MSCM, SPCH, and/or related fields with adviser consent.

• Mass Communication Option (40 units)

Upper Division (32 units):

BCST 480 New Media Technologies (4)
 JOUR 400 History and Philosophy of Mass Media (4)
 JOUR 491 Law of Mass Media of Communication (4)
 MSCM 390 Mass Media and Human Interaction (4)
 MSCM 453 International Communication Media (4)
 SOC 424 Mass Communications and Public Opinion (4)
 SPCH 450 Communication Theory (4)
 SPCH 487 Proseminar: Experimental Research in Speech (4)

Electives (8 units):

Select upper division courses in BCST, JOUR, or SPCH and/or related fields with adviser approval.

• **Telecommunications and Film Option (40 units)**

Advanced Television Studio Production (16 units)

Required Course (4 units):

BCST 401 Advanced Television Studio Production (4)

Select three from following (12 units):

BCST 320 Radio Production (4)

BCST 340 Educational and Instructional Uses of Broadcast and Film Media (4)

BCST 424 Crosscultural Broadcasting and Film (4)

BCST 430 Factual Film for Television (4)

BCST 454L Selected Studies in Broadcast Production (4, 4)

BCST 475 Radio/Cable News Production (4)

Advanced Analysis Classes in Broadcasting (16 units)

Select from following:

BCST 330 The Documentary in Broadcasting and Film (4)

BCST 362 Broadcast and Film Aesthetics (4)

BCST 370 Broadcasting and Film as Shapers of the Public Mind (4)

BCST 410 Contemporary Radio Broadcasting (4)

BCST 440 Noncommercial Broadcasting and Film (4)

BCST 454 Selected Studies in Broadcasting (4)

BCST 470 Administration and Studio Operations in Broadcasting and Film (4)

BCST 480 New Media Technologies (4)

Electives (8 units):

Select upper division courses in broadcasting, which may include BSCT 499 and UNIV 398, or upper division courses in related fields, with adviser consent.

Bachelor of Arts Degree in Speech Communication

The Speech Communication major is available in three options: the General option, the Professional Communication option, and the Single Subject Teaching option. The general option is intended for students seeking a broad education in all phases of speech communication. The professional communication option is designed for those students seeking communication related careers. The credential option is designed to qualify students who wish to teach in public secondary schools for examination waiver for the Single Subject credential in English.

All options provide an understanding of the nature and functions of human symbolic communication. The scope of the program includes theories of communication in terms of historical, philosophical, critical, cultural, and scientific constructs; dimensions of public discourse, interpersonal, small group, and intercultural communication, persuasion and social influence, language and symbolic processes, the aesthetic dimensions of speech, and instructional development; and methodologies necessary for communication research (historical, critical, and empirical).

The degree adds to the student's perception and skill in dealing with people and is structured to provide a foundation for careers in business, law, government service, health, the ministry, teaching, public relations, media communication, and other professions in which an understanding and utilization of the process of communication is essential.

Requirements for the Major (72-80 units)

The General and Professional Communication options include a common core of 24 upper division units. An additional 48 units of required and elective courses comprise the total 72 units required by these options. The Option for Single Subject Credential in

English has a separate 60-unit core and 20-unit breadth requirement.

• **General Option (72 units)**

Lower Division Required Courses (4 units):

SPCH 176 Argumentation (4)

Elective (4 units):

SPCH 267 Introduction to Oral Interpretation (4) or

SPCH 278 Problem Solving through Group Discussion (4)

Additional Elective (0 or 4 units):

Select from lower division SPCH courses with adviser approval.

Upper Division Required Courses (24 units):

SPCH 300 Applied Writing in Speech Communication (4)

SPCH 367 Oral Interpretation of Prose and Poetry (4) or

SPCH 371 Persuasive Communication (4)

SPCH 450 Communication Theory (4)

SPCH 470 Theories of Rhetoric: Survey and Analysis (4)

SPCH 485 Rhetorical Criticism (4)

SPCH 487 Proseminar: Experimental Research in Speech (4)

Electives (20 units):

Select one course from each of following five dimensions:

A. Public Discourse Dimension

SPCH 371 Persuasive Communication (4)

(if not taken in the core)

SPCH 472 Studies in Literature of International Public Discourse (4)

SPCH 473A Studies in Literature of U.S. Public Discourse to 1860 (4)

SPCH 473B Studies in Literature of U.S. Public Discourse: 1860-Present (4)

SPCH 482 Rhetorical Theory: Contemporary Developments (4)

B. Interpersonal and Organizational Communication

SPCH 350 Interpersonal Communication (4)

SPCH 430 Organizational and Professional Communication (4)

SPCH 462 Nonverbal Communication (4)

SPCH 478 Group Communication: Dynamics of Leadership and Participation (4)

C. Aesthetic Dimension

SPCH 367 Oral Interpretation of Prose and Poetry (4)

(if not taken in the core or under Performance Dimension)

SPCH 467 Studies in Aesthetic Bases of Speech (4)

SPCH 490 Studies in Children's Speech Arts (4)

D. Performance Dimension

SPCH 340 Interviewing (4)

SPCH 367 Oral Interpretation of Prose and Poetry (4)

(if not taken in the core or under Aesthetic Dimension)

SPCH 370 Business and Professional Speaking (4)

SPCH 491 Instructional Theories in Speech Communication (4)

E. Social Dimension

SPCH 479 Sex Roles in Communication (4)

SPCH 489 Intercultural Communication (4)

Additional Electives (16-20 units):

Select from upper division courses in SPCH or related fields, with adviser approval.

• **Professional Communication Option (72 units)**

Lower Division Required Courses (4 units):

SPCH 176 Argumentation (4)

Elective (4 units):

- SPCH 267 Introduction to Oral Interpretation or
 SPCH 278 Problem Solving through Group Discussion (4)

Additional Elective (0 or 4 units):

Select from lower division SPCH courses with adviser approval.

Upper Division Required Courses (24 units):

- SPCH 300 Applied Writing in Speech Communication (4)
 SPCH 367 Oral Interpretation of Prose and Poetry (4) or
 SPCH 371 Persuasive Communication (4)
 SPCH 450 Communication Theory (4)
 SPCH 470 Theories of Rhetoric: Survey and Analysis (4)
 SPCH 485 Rhetorical Criticism (4)
 SPCH 487 Proseminar: Experimental Research in Speech (4)

Electives (select 20 units from following):

- SPCH 340 Interviewing (4)
 SPCH 350 Interpersonal Communication (4)
 SPCH 371 Persuasive Communication (4) (if not taken in core)
 SPCH 430 Organizational and Professional Communication (4)
 SPCH 431 Internship in Organizational Communication (4) or
 SPCH 398 Cooperative Education (4)
 SPCH 462 Nonverbal Communication (4)
 SPCH 478 Group Communication: Dynamics of Leadership
 and Participation (4)
 SPCH 479 Sex Roles in Communication (4)
 SPCH 489 Intercultural Communication (4)

Professional Sequence (12-16 units):

Plan a 12-16 unit interdisciplinary professional theme with a career focus, and obtain adviser approval. Suggestions for possible themes are listed below.

- A. Communication Supervision
- B. Technical Communication
- C. Corporate Communication
- D. Communication in Health Care
- E. Communication in the Family
- F. Communication in Multicultural Environments

Additional electives (0-8 units):

Select from upper division SPCH courses with adviser approval.

• Single Subject Teaching Option (80 units)

Refer to the undergraduate *School of Education* chapter of this catalog for regulations governing all teaching credential programs.

REQUIRED CORE (60 units):**Composition (12 units)**

- ENGL 410 Writing in the Schools (4)
 SPCH 300 Applied Writing in Speech Communication (4)
 SPCH 485 Rhetorical Criticism (4)

Language/Linguistics**Required Courses (12 units):**

- ENGL 405 Modern English Grammar (4)
 SPCH 463 Language and Communication Behavior (4)
 SPCH 467 Spoken Language and Literature (4)

Literature (36 units)

- ENGL 318-319-320 British Literature (4, 4, 4)
 ENGL 417 or 418 Shakespeare I or II (4)
 ENGL 471-472 American Literature (4, 4)
 SPCH 267 Introduction to Oral Interpretation (4) or
 SPCH 367 Oral Interpretation of Prose and Poetry (4)

- SPCH 473A or 473B Studies in Literature of American Public
 Discourse: 1860-Present (4)

Select 4 units in ethnic literature with adviser approval. Possible choices include:

- CHS 201 ENGL 477
 JAPN 307 PAS 422

BREADTH REQUIREMENTS (20 units):

- BCST 224 Survey of Film (4) or
 ENGL 451 Film and Literature (4)
 JOUR 493 Editorial and Interpretive Writing (4) or
 MSCM/SPCH 390 Mass Media and Human Interaction (4)
 BCST 201 Introduction to Television Studio Production (4) or
 SPCH 268 Readers' Theatre (2, 2) or
 SPCH 277 or 377 Forensics (2, 2)
 SPCH 489 Intercultural Communication (4)
 SPCH 491 Instructional Theories in Speech Communication (4)

Minor in Speech Communication

The Speech Communication minor is designed for students interested in expanding their knowledge of the communication process, especially as it relates to their professional careers or related fields in the liberal arts. The Speech Communication curriculum provides a variety of courses for students preparing for careers in community development, social services, health, safety, and recreation services, business and industry, criminal justice, law, education, industrial studies, mass media, and many others in which an understanding of the process and practice of speech communication is vital. A total of 32 units in SPCH is required.

Requirements for the Minor (32 units)**Required Courses (8 units):**

- SPCH 150 Oral Communication (4)
 SPCH 176 Argumentation (4)

Electives (24 units):

Select a program, in consultation with a departmental adviser, to meet the goals for which the minor is chosen. A minimum of 16 units must be taken in upper division courses.

The Credential Program

The Bachelor of Arts degree in Speech Communication with the credential option has been approved by the Commission on Teacher Credentialing for examination waiver for the Single Subject credential in English. Interested students should consult advisers in the department and the School of Education.

Courses in Broadcasting (BCST)**Lower Division Courses**

- 201 Introduction to Television Studio Production (4)
 Introduction to radio and television production facilities and techniques. Principles of directing, picture composition, camera movement, lighting, basic sound patterns, and control room operation. Lecture 3 hours, laboratory 2 hours.
- 220 Introduction to Broadcasting (4)
 Survey of principles and practices in American broadcasting with emphasis on techniques of radio and television programming through lectures, reports, and selected viewing.
- 224 Survey of Film (4)
 Cinema as a creative communication medium, emphasizing certain perceptual, conceptual, and technical considerations.

Upper Division Courses**301 Intermediate Television Studio Production (4)**

Prerequisite: BCST 201. Intermediate study of directing principles and production techniques as applied to educational, informational, and cultural program production. Lecture 3 hours, laboratory 2 hours.

320 Radio Production (4)

Prerequisite: BCST 220. Experience in radio production techniques and the creative production of audio programming.

328 History of Broadcasting and Film (4)

Prerequisites: BCST 220, 224. Major events, names, and movements in contemporary society that influenced development of radio, television, and motion pictures as mass-communication media of twentieth century.

330 The Documentary in Broadcasting and Film (4)

Prerequisites: BCST 220, 224. Historical and critical study of documentary form in broadcasting and film using classic examples in radio, television, and motion pictures to assess influence of media as persuasive powers in society.

340 Educational and Instructional Uses of Broadcast and Film Media (4)

Prerequisites: BCST 220, 224. Utilizing radio, television, and film in education, business, and industry; experience in researching, writing, producing, and evaluating such specialized uses of electronic and film media. Lecture 3 hours, laboratory 2 hours.

362 Broadcast and Film Aesthetics (4)

Prerequisites: BCST 220, 224. Radio, television, and film aesthetics, analyzing component elements of light, space, time, sound, music, and motion in synthesized image.

370 Broadcasting and Film as Shapers of the Public Mind (4)

Prerequisites: BCST 220, 224. Broadcast and film media as persuasive and motivational forces in society, techniques of audience-market research, advertising process, and effects of advertising environment on public opinion and buying power.

1397 Motion Picture Photography (3)

Prerequisite: ART 287. Principles and practices of motion picture photography; background of general film production. Lecture 1 1/2 hours, laboratory 4 1/2 hours. May be repeated to maximum of 6 units.

401 Advanced Television Studio Production (4)

Prerequisite: BCST 301. Advanced television studio practicum stressing aesthetic techniques as applied to video production.

410 Contemporary Radio Broadcasting (4)

Prerequisite: BCST 220. Description and analysis of the structure and practice of contemporary radio.

420 Responsibility and Regulation in Broadcasting and Film (4)

Prerequisites: BCST 220, 224. Professional responsibilities of broadcasters and film makers to their audiences; regulatory issues; problems, and systems that influence broadcast and film production in the U.S.

424 Crosscultural Broadcasting and Film (4)

Prerequisites: BCST 220, 224. Broadcast media and film as means of crosscultural communication and intercultural understanding from both national and international perspective; moral, social, and psychological implications.

429 Broadcast and Film Writing (4)

Content and techniques of radio, television, and script writing; development of story idea through outline, treatment, and dialog script. May be repeated to total of 8 units with instructor consent.

430 Factual Film for Television (4)

Prerequisites: BCST 220, 224. Film and portapak and their use in specialized broadcast programming and news services. Lecture 3 hours, laboratory 2 hours.

434 Latin American Radio Documentary Production (4)

(also listed as LAS 434)

Recommended prerequisites: BCST 320 or 2 upper division Latin American content courses in history, political science, or Latin American studies. Analysis of political, economic, and cultural issues in Latin America, utilizing primary sources; production of research in the form of broadcasting tapes.

440 Noncommercial Broadcasting and Film (4)

Prerequisites: BCST 220, 224. Analysis of noncommercial broadcasting and film systems; special focus on the Public Broadcasting System and key film distribution companies.

454 Selected Studies in Broadcasting (1-4)

Selected topics in broadcasting media, as announced in *Schedule of Classes*. May be repeated for credit as subject matter changes.

454L Selected Studies in Broadcast Production (4)

Prerequisite: BCST 301. Special application of audio and video production techniques in the creation of entertainment, educational, documentary, and public affairs programming. Variable topics. May be repeated as subject matter changes.

462 Criticism of Broadcasting and Film (4)

Prerequisites: BCST 220, 224. Purposes and styles of criticism as applied to broadcast and film media; development of standards of evaluation as determined by analysis of selected radio and television programming and motion pictures.

466 Visualization of Violence in the Media (4)

Sociological and structural analysis of the depiction of violence in the media; special emphasis on portrayal of violence against women, children, and minorities in their historic and contemporary manifestations.

470 Administration and Studio Operations in Broadcasting and Film (4)

Prerequisites: BCST 220, 224. Administrative techniques, operational procedures, and organizational structures within contemporary radio and television broadcast stations and film studios.

475 Radio/Cable News Production (4)

Prerequisites: BCST 301, JOUR 202. Advanced news practicum for radio/cable news production; investigating, producing, and reporting local/community news for campus radio station and cable channels. May be repeated to maximum of 12 units.

480 New Media Technologies (4)

Prerequisites: BCST 201; 220 or JOUR 100 and 201. Description and analysis of new and evolving communication media, their growth, development, and effect on social and political systems.

1492A Motion Picture Preproduction (3)

Prerequisite: BCST 397. Preparation for making a motion picture; emphasis on 16mm short film, applicable to longer films. Lecture 1 1/2 hours, laboratory 4 1/2 hours.

1492B Motion Picture Production (3)

Prerequisite: BCST 492A. Shooting and editing motion pictures; emphasis on 16mm short film, applicable to longer films. May be

repeated to maximum of 6 units. Lecture 1 1/2 hours, laboratory 4 1/2 hours.

†492C Motion Picture Postproduction (3)

Prerequisite: BCST 492B. Negative cutting, sound track preparation, and printing of films; emphasis on 16mm short film, applicable to longer films. Lecture 1 1/2 hours, laboratory 4 1/2 hours.

499 Undergraduate Directed Study (2-4)

Prerequisites: Consent of adviser and of an instructor to act as sponsor. Individual projects designed to reflect ability of student and to be a contribution to field of educational, informational, or cultural broadcasting. May be repeated to maximum of 8 units.

Courses in Journalism (JOUR)

Ability to type or concurrent enrollment in typing is a prerequisite for all students majoring in Journalism.

Lower Division Courses

100 Survey of American Mass Media (4)

Survey of mass media of communication: special emphasis on newspapers, magazines, motion pictures, radio, television, advertising, and public relations. *CAN JOUR 4*

130 Introduction to Graphic Arts (3)

(also listed as TECH 130)

General industrial education course emphasizing the importance of graphic communications in our culture. History, theory, and laboratory-shop practice of varied printing processes, including letterpress, lithography, silk screen, and bookbinding. Lecture 1 1/2 hours, laboratory 4 1/2 hours.

201 News Writing (4)

Prerequisite: ENGL 190. Introduction to news writing and reporting. News sources, collection of news, acceptable forms for news stories, and newspaper style. *CAN JOUR 2*

202 Reporting (4)

Prerequisite: JOUR 201. Specialized reporting, feature writing, and staff work on the newspaper. Provides base for advanced journalism courses.

254 Selected Topics in Journalism (1-4)

Current topics of special interest in journalism, as announced in *Schedule of Classes*. May be repeated as subject matter changes.

Upper Division Courses

330 News Editing I (4)

Prerequisite: JOUR 202. Study and practice in basic editing skills and headline fundamentals with progression to advanced editing skills and writing of polished headlines.

331 News Editing II (4)

Prerequisites: JOUR 330; instructor consent. Editor and print shop; practice in picture editing, page makeup, news flow management, and news judgment.

345 Magazine Article Writing (4)

Writing and selling nonfiction articles. Magazine markets studied, queries written, and manuscripts submitted directly to general interest magazines, specialized magazines, trade publications, and Sunday feature sections of newspapers. May be repeated to maximum of 8 units.

391 University Times (3)

Prerequisite: JOUR 330. Two one-hour class meetings plus additional supervised activity weekly. Lecture 2 hours, laboratory 2 hours. May be repeated for credit. Maximum of 12 units allowed for JOUR 391, 393, or 495, separately or in any combination.

393 News Bureau (3)

Supervised work experience in University Public Affairs Office. Two one-hour meetings plus 3 hours additional supervised activity weekly. May be repeated for credit. Maximum of 12 units allowed for JOUR 391, 393, or 495, separately or in any combination.

400 History and Philosophy of Mass Media (4)

Prerequisite: Upper division standing. Development of journalism, with an introduction to important papers and personalities. Journalism majors must take this course prior to or concurrently with any 400-level journalism course.

441 Social Responsibility of Press (4)

Prerequisite: JOUR 400 for Journalism majors. Goals, ideals, responsibilities, and major criticisms and defenses of the newspress. Bases for objective and interpretive reporting. Examination of threats to a free flow of news.

454 Selected Topics in Mass Communication (1-4)

Prerequisite: Varies with topic; see *Schedule of Classes* for specific prerequisite. Selected topics of current importance in mass communications field. Subject matter varies with new developments. May be repeated to maximum of 12 units.

460 Industrial Magazine Publishing (4)

Prerequisite: JOUR 330. Planning, layout, editing, and business management of company or small magazine, stressing format, writing and producing articles, makeup, and illustration. Includes laboratory work in various techniques and outside assignments.

471 Newspaper Advertising (4)

Principles of advertising; emphasis on the newspaper as advertising medium. Instruction in preparing pictures, layouts, and copy for newspaper use, mail services, and available syndicated materials.

474 Media Sales (4)

Prerequisite: JOUR 471. Techniques of selling advertising for magazines, newspapers, radio, and television.

475 Advertising Copy and Layout (4)

Prerequisite: JOUR 471. Practice in planning and writing copy for advertisements. Construction of practical layouts, studies of advertising rates and costs, publication and advertising agency practices, and mechanical production for printed media.

491 Law of Mass Media of Communication (4)

Prerequisite: Junior standing. Study of libel law, right of privacy, contempt of court, freedom of the press, copyright, statutory limitations, postal regulations, and the right to print news of public affairs.

492 Radio and Television News Writing (4)

Prerequisites: JOUR 201, senior standing for Journalism majors. Analysis and preparation of local news and commercials, introductions and special news features for radio and television.

493 Editorial and Interpretive Writing (4)

Prerequisites: JOUR 201, senior standing. Interpretation of news events and their background. Study of editorial pages policy and the forming of public opinion. Writing of informative and argumentative editorials, columns, background-to-the-news features.

494 Reporting of Public Affairs (4)

Prerequisites: JOUR 202; POLS 403 or 404; senior standing. Advanced theory and practice in reporting courts, units of local, state, and federal government, and private agencies peripheral to government that figure in decisions about public questions.

495 Special Projects in Magazine Production (3)

Prerequisite: Upper division standing. Supervised work on University feature magazine staff. Two one-hour class meetings plus 4 additional hours activity arranged weekly. May be repeated for

credit. Maximum of 12 units allowed for JOUR 391, 393, or 495, separately or in any combination.

496 Publicity and Public Relations (4)

Prerequisites: JOUR 330, upper division standing. Methods, tools, and media used in planning and developing company, community, and institutional public relations programs. Publicity and promotional techniques; copy preparation, news releases, publications, relations with the press.

497 Public Relations Problems (4)

Prerequisite: JOUR 496. Advanced study of public relations as a way of winning recognition and understanding of the public, with analysis of contemporary problems faced by business organizations or other institutions. Laboratory work in writing and problem-solving techniques and outside assignments.

499 Undergraduate Directed Study (2-3)

Prerequisite: Consent of an instructor to act as sponsor. Project selected in conference with sponsor before registration, progress meetings held regularly, and a final report submitted. May be repeated for credit.

Courses in Mass Communication (MSCM)

Lower Division Course

100 Introduction to Mass Media (4)

Introduction to book, newspaper and magazine publishing, motion pictures, broadcasting, and new information technologies examined in terms of communication theory and as economic, political, and social institutions. *CAN JOUR 4*

Upper Division Courses

390 Mass Media and Human Interaction (4)

(also listed as SPCH 390)

Prerequisite: BCST 220 or JOUR 201 or SPCH 150. Comparison of the mass media with other forms of human interaction with attention given to the interactive role and effect of these human communication processes.

453 International Communication Media (4)

Prerequisites: BCST 220, 224 or JOUR 100 and 201 or SPCH 150. Description and analysis of media systems (print, audio, and video) as they exist in various countries around the world, and the means by which information is exchanged internationally.

460 Theories in Mass Communication (4)

Prerequisite: BCST 220 or JOUR 100 or SPCH 150. Synthesis of theories by which mass communication processes may be viewed and investigated, variables involved in these theories.

Courses in Speech Communication (SPCH)

Subcollegiate Course

094 Mainstream American Dialect (4)

Sounds, intonation, and rhythm of mainstream American dialect to modify student's own accent and pronunciation. (Limited to students whose dialects are not standard American English.) Graded CR/NC. No credit toward baccalaureate.

Lower Division Courses

150 Oral Communication (4)

Introduction to problems of effective oral communication through study and experience in analysis, synthesis, and presentation of subject matter in oral discourse. *CAN SPCH 4*

SPCH 150 is prerequisite to all Speech Communication courses with higher numbers.

176 Argumentation (4)

Principles of argumentation: reasoned discourse, methods of logical analysis and reflective thinking, practical application through adaptation of materials to audience situations, argumentative speech, kinds and forms of debate about current issues.

CAN SPCH 6

267 Introduction to Oral Interpretation (4)

Study of communicative dimensions of literature through analysis and performance.

268 Reader's Theatre: Practicum and Performance (2)

Lecture-workshop in reader's theatre, story theatre, and chamber theatre production; emphasis on group presentation of poetry, fiction, and ethnic programs. May be repeated to maximum of 8 units.

277 Forensics (2)

Workshop in intercollegiate forensic activities. May be repeated to maximum of 8 units. Graded CR/NC.

278 Problem Solving through Group Discussion (4)

Principles of decision making and interaction in group communication situations, development of discussion, participation, and leadership skills for business, school, and community.

Upper Division Courses

300 Applied Writing in Speech Communication (4)

Prerequisites: ENGL 190, upper division standing; for Radio-TV Broadcasting majors, BCST 224. Writing practicum in historical, critical, and empirical approaches to speech communication, emphasizing language usage in description, exposition, narration, and persuasion; techniques include observation, editing, and criticism.

340 Interviewing (4)

Dyadic communication in formal and informal settings. Understanding of informative, persuasive, medical, journalistic, legal, and employment interviews.

350 Interpersonal Communication (4)

Introductory study of interpersonal communication: verbal and nonverbal communication in face-to-face interaction; how individuals assume roles as message senders, receivers; interpersonal perception and adaptation, barriers to interpersonal communication.

367 Oral Interpretation of Prose and Poetry (4)

Recommended prerequisite: SPCH 267. Theory of oral interpretation. Emphasizes content, structure, and style as determinants of the oral presentation of poetry and prose.

370 Business and Professional Speaking (4)

Study and application of theories of business and professional communication; emphasis on business and professional contexts; use of multiple media for business presentations.

371 Persuasive Communication (4)

Study and application of rhetorical and social-psychological principles of persuasion. Consideration of attitude change models and behavioral studies of variables affecting persuasion. Opportunity for preparation and criticism of persuasive discourse.

377 Forensics (2)

Faculty supervised workshop preparing for University-sponsored speech activities, including forensics tournament events and/or performance for community groups. May be repeated to maximum of 6 units. Graded CR/NC.

385 Sex and Gender in Language and Literature (4)*(also listed as ENGL 385)*

Prerequisites: For English majors, ENGL 221 or 222; for others, ENGL 250. Analysis of the comparative language behavior of women and men as revealed in research on communication and in representative literary works, both classic and modern.

390 Mass Media and Human Interaction (4)*(also listed as MSCM 390)*

Prerequisite: BCST 220 or JOUR 201 or SPCH 150. Comparison of the mass media with other forms of human interaction with attention given to the interactive role and effect of these human communication processes.

430 Organizational and Professional Communication (4)

Investigation of organizational communication theories, principles, concepts, and techniques, including dyadic, small group, and public organizational communication and implementation of planned change in an organization.

431 Internship in Organizational Communication (4)

Prerequisite: SPCH 430. Opportunity to study and participate in communication processes of selected local organizations under academic supervision; emphasis on student intern's ability to diagnose and solve organizational communication problems. May be repeated once for credit.

450 Communication Theory (4)

Survey and analysis of behaviorally oriented theories and their variables in the communication process.

454 Selected Studies in Speech Communication (1-4)

Prerequisite: Varies with topic; see *Schedule of Classes* for specific prerequisites. Intensive study of selected topics in speech communication. May be repeated for credit as subject matter changes.

461 Descriptive Phonetics (4) (also listed as COMD 461)

Phonetic-phonemic analysis of language; study of physical and physiological bases of speech.

462 Nonverbal Communication (4)

Body motion, eye and facial behavior, paralanguage, touch, proxemics, physical characteristics, artifacts and environmental factors as they affect communicative exchanges.

463 Language and Communication Behavior (4)

Nature, origin, and use of speech and language in social, cultural, symbolic, and functional contexts; investigation and analysis of discourse and behavioral effects; significance of communication competence.

467 Spoken Language and Literature (4)

Prerequisite: One SPCH course. Verbal and nonverbal behavior; application of aesthetic and sociolinguistic theories to speech acts.

470 Theories of Rhetoric: Survey and Analysis (4)

Prerequisite: Upper division standing. Principal theories of rhetoric from classical Greece to the modern period; historical perspectives on communication and social influence; impact of changing political, psychological, sociological, and technological contexts.

472 Studies in Literature of International Public Discourse (4)

Prerequisite: One SPCH course. Analysis and evaluation of international rhetoric and speech communication; some attention to great international speakers and speeches; emphasizes communication in contemporary social, political, and cultural movements and campaigns.

473A Studies in Literature of American Public Discourse to 1860 (4)

Prerequisite: One SPCH course. Analysis and evaluation of American rhetoric and speech communication; some attention to great speakers and speeches; emphasizes communication in social, political, and cultural movements and campaigns, colonial times to 1860.

473B Studies in Literature of American Public Discourse: 1860-Present (4)

Prerequisite: One SPCH course. Analysis and evaluation of American rhetoric and speech communication; some attention to great speakers and speeches; emphasizes communication in social, political, and cultural movements and campaigns, 1860 to present.

478 Group Communication: Dynamics of Leadership and Participation (4)

Prerequisite: A course in group discussion. Advanced study of communication processes in small groups and effects of leadership and participation; development of communication sensitivity.

479 Sex Roles in Communication (4)

Sex as a variable influencing human communication in dyads, small groups, organizations, families; speaker-audience interaction; male-female differences in use of language, and nonverbal behavior.

482 Rhetorical Theory: Contemporary Developments (4)

Prerequisite: SPCH 470. Survey of contemporary theories of rhetoric and communication.

485 Rhetorical Criticism (4)

Prerequisite: One SPCH course. Nature and function of rhetorical criticism; survey of approaches, theories, and systems of rhetorical analysis from classical to contemporary. Practice in critical appraisal of various types of speech communication.

487 Proseminar: Experimental Research in Speech (4)

Prerequisite: Upper division standing. Introduction to methodology of experimental research and critical analysis of representative studies in speech.

489 Intercultural Communication (4)

Description and analysis of cultural influences on human communication acts; codes and paralinguistic elements; focus on communication between cultures in an urban setting.

490 Studies in Children's Speech Arts (4)

Theory and criticism of creative dramatics, choric interpretation and storytelling.

491 Instructional Theories in Speech Communication (4)

Prerequisites: Senior standing, 20 units of upper division SPCH courses. Philosophy of speech communication in educational settings; survey of contemporary trends in speech communication as revealed in professional literature.

494 Communication Behavior in Childhood (4)

Oral language and communicative behavior in children; studies in speech and language experiences basic to development of communication skills competence.

499 Undergraduate Directed Study (1-4)

Prerequisite: Consent of an instructor to act as sponsor. Project selected in conference with sponsor before registration; progress meetings held regularly, and final report submitted. May be repeated for credit.

ENGLISH

School of Arts and Letters

DEPARTMENT OFFICE

Engineering and Technology A605

Phone: (213) 343-4140

The Department of English offers both Bachelor of Arts and Master of Arts degrees in English, minors in English and Creative Writing, and programs leading to teaching credentials. The Master of Arts degree program is described in the Graduate Programs section.

The Faculty

Emeriti: Daniel A. Amneus, Charles E. Beckwith, Donald A. Bird, John C. Bushman, Morton J. Cronin, Saralyn R. Daly, Alfred Ehrhardt, Otto W. Fick, Norman Fruman, Byron Guyer, David Laird, Jean Maloney, Fred H. Marcus, Marie Ohlsen, John W. Rathbun, Clarence K. Sandelin, Leon Surmelian, Eleanor M. Tweedie, Paul M. Zall.

Professors: Edward Abood, Sharon Bassett, Gerhard Brand, Peter A. Brier, David B. Carroll, John L. Cleman, Philip Friedman, Rosemary Hake, Steven S. Jones, H. Landar, Barry Munitz, Elaine Osio, Thomas H. Peterson, Vilma L. Potter, Sidney Richman, Carl M. Selkin (Chair), Timothy Steele, Gaby Stuart, James T. Sullivan, John H. Weston.

Associate Professors: Alfred Bendixen, Alice M. Roy, Terry A. Santos.

Assistant Professors: Indira Karamcheti, Ruben Quintero, Alison Taufer.

Bachelor of Arts Degree

Students pursuing the Bachelor of Arts degree in English select one of two program options. The General Option is intended for those pursuing a liberal arts education with special emphasis on literature and composition; the Single Subject Teaching Option is designed for students interested in a career in education.

All students electing to major in English must request advisement in the Department of English upon beginning course work in their major. Those majoring in English are urged to acquire command of at least one foreign language as part of their program.

Requirements for the Major (76 or 80 units)

The General Option requires a total of 76 units and the Single Subject Teaching Option requires a total of 80 units.

• General Option (76 units)

Lower Division Required Courses (8 units):

ENGL 221 Interpreting and Writing About Fiction (4)
ENGL 222 Interpreting and Writing About Poetry and Drama (4)

Upper Division Required Courses (16 units):

ENGL 340 Writing the Critical Essay (4)
ENGL 401 English Language in America (4)
ENGL 417 Shakespeare I (4)
ENGL 441 Major Critics (4)

Required in British, American, and World Literature (36 units)

British Literature (16 units)

Select four 400-level courses in British literature, with at least two in pre-1800 literature.

American Literature (12 units)

ENGL 471 American Literature: Beginnings to 1860 (4)
ENGL 472 American Literature: 1860-1914 (4)
ENGL 473 American Literature: 1914-Present (4)

World Literature (8 units)

Select two from: ENGL 424, 425, 427, 428, 484, 485, 486

Undergraduate Seminars (4 units)

Select one from following:

ENGL 495 Seminar: British Literature (4)
ENGL 496 Seminar: American Literature (4)
ENGL 497 Seminar: World Literature (4)

Electives (12 units)

Select three 300- or 400-level ENGL courses excluding GE theme courses. With adviser approval, one 200-level course may be included.

ENGL 402-416, 418-428, 446, 447, 451, 453, 461, 475ABC-486, 492, 495, 496

• Single Subject Teaching Option (80 units)

Refer to the undergraduate *School of Education* chapter of this catalog for regulations governing all teaching credential programs.

Lower Division Required Courses (8 units):

ENGL 221 Interpreting and Writing About Fiction (4)
ENGL 222 Interpreting and Writing About Poetry and Drama (4)

Upper Division Required Courses (72 units):

Composition (8 units)

ENGL 340 Writing the Critical Essay (4)
ENGL 410 Writing in the Schools (4)

Critical Theory (4 units)

ENGL 441 Major Critics (4)

Language (8 units)

Required Course (4 units)

ENGL 401 English Language in America (4)

Select one from following (4 units):

ENGL 401, 402, 403, 405 SPCH 367, 371, 450, 467, 478, 489

Literature (40 units)

British Literature (20 units)

Select four 400-level British literature courses, with at least two in pre-1800 literature.

American Literature (16 units)

ENGL 471, 472, 473, 476

World Literature (4 units)

Select one from following:

ENGL 424, 425, 427, 428, 484, 485, 486

Undergraduate Seminars (4 units):

Select one from following:

ENGL 495, 496, 497

Electives in Language, Composition, Literature (8 units):

Select two 300- or 400-level ENGL courses excluding GE theme courses. With adviser approval, one 200-level course may be included.

NOTE: Students seeking the credential are also advised to include at least one ethnic studies course among their general education or elective courses.

Minor in Creative Writing

The minor in creative writing is designed for students majoring in other fields who are interested in the writing of imaginative literature, which may include such forms as poetry, fiction, and drama. A total of 24 units is required, of which 8–12 units must be in lower division and 12–16 units in 400-level courses.

Requirements for the Minor (24 units)

Lower Division Required Courses (8 or 12 units):

ENGL 207 Beginning Creative Writing (4)

(Prerequisite to ENGL 207 for students in the creative writing minor is at least 4 units from the lower division requirement listed above.)

Select one from following (4 units):

ENGL 221, 222, 225

Electives (select 12–16 units with adviser approval):

ENGL 406 Writing Nonfiction (4)

*ENGL 407 Writing Fiction (4)

*ENGL 408 Writing Poetry (4)

*May be repeated once for credit in the minor

BCST 429 Broadcast and Film Writing (4)

TA 476 Play Writing (4)

Minor in English

The minor in English provides a varied and flexible literary program, individually planned, for majors in other fields. Students who plan to write or edit or who are interested in business, the professions, or government service may find this minor significant in their career development. The minor is also useful to students who wish to add a supplementary authorization to their Single Subject credential. A total of 28 units is required.

Requirements for the Minor (28 units)

Lower Division Required Courses (8–12 units):

Select at least two from following: ENGL 221, 222, 250, 258

Upper Division Required Courses (16–20):

Select from following:

Composition: ENGL 306, 340, 406, 410

Language: ENGL 401, 402, 405

Literature: ENGL 318–320, 416–447, 460–497

The Credential Program

Students who complete the Bachelor of Arts degree in English, Single Subject Teaching Option, with a minimum 2.75 grade point average for course work in the option will receive certification of subject area competency in English for the Single Subject credential. Students should consult advisers in the department and in the School of Education.

English as a Second Language Programs

Students in need of a course in English as a second language may wish to consult the Office of Continuing Education.

Courses in American Studies (AMER)**Lower Division Courses**

250 The Child in American Culture (4)

Concepts of the nature and cultural role of the child from colonial days to present.

254 Special Topics in American Studies (4)

Prerequisites: As needed for specific topic. Current topics of special interest in American Studies as announced in *Schedule of Classes*. May be repeated for credit.

Upper Division Courses

350 America in Great Books (4)

Prerequisite: Lower division GE requirements in social sciences, humanities, and communication. Selected books in humanities and social sciences which, besides being outstanding in their respective fields, have influenced the character of American society.

354 Mini-Topics in American Studies (1–6)

Short-term variable-content course on topics of special interest. Unit credit will vary according to subject. May be repeated to maximum of 8 units.

401 Study of American Culture (4)

Interdisciplinary study of American culture; materials, methods, and problems in study of a civilization in comprehensive terms.

402 Ideas in America (4)

Significant social, political, economic, religious, and philosophic concepts reflected in representative statements, ranging from historical documents to imaginative literature.

403 American Popular Culture (4)

Philosophical, psychological, esthetic, and social implications in mode and meaning of representative American mass media.

404 Avant-Garde in American Life (4)

Examination of a number of movements on frontiers of American intellectual life.

405 Folklore in American Culture (4)

Prerequisite: Lower division GE requirements. Types and forms of American folklore and their significance for American society.

490 Selected Topics in American Studies (4)

Prerequisites: AMER 401, one other AMER course. Intensive study of selected topics in American culture; subjects vary. May be repeated to maximum of 8 units.

499 Undergraduate Directed Study (1–4)

Prerequisites: Consent of an instructor to act as sponsor, approval of coordinator. Project selected in conference with sponsor before registration; progress meetings held regularly and final report submitted. May be repeated for credit.

Courses in English (ENGL)

Eligibility for ENGL 095, 096, and 190 will be determined by results of the English Placement Test (EPT) which students must take before they may register for any of these courses.

Subcollegiate Courses**095 Basic Writing I (4)**

Prerequisite: English Placement Test (placement determined by student's score). Instruction in invention, revision, sentence construction, paragraph development, and English usage in personal experience essays. Graded CR/NC. Not open to students with credit for this course, an equivalent, or a higher level English composition course. Students with two NC grades may not enroll again. No credit toward baccalaureate.

096 Basic Writing II (4)

Prerequisite: English Placement Test (placement determined by student's score) or passing grade in ENGL 095. Frequent essays based on reading and responding to expository prose; instruction in expository writing conventions. Graded CR/NC. Not open to students with credit for this course, an equivalent, or a higher level English composition course. Students with two NC grades may not enroll again. No credit toward baccalaureate.

Lower Division Courses**190 Freshman Composition (4)**

Prerequisite: English Placement Test (placement determined by student's score) or passing grade in ENGL 096. Frequent essays employing a synthesis of ideas from multiple sources to support an argument; instruction in inferring and documenting a thesis. Graded A,B,C/NC. Not open to students with credit for this course, an equivalent, or a higher level English composition course.

CAN ENGL 2

ENGL 190 or its equivalent is prerequisite to all English courses with higher numbers.

195 The Research Essay (4)

Prerequisite: Passing grade in ENGL 190. Instruction in the preparation, mechanics, and style of a research essay. Graded A,B,C/NC.

207 Beginning Creative Writing (4)

Beginning creative writing workshop in which students are introduced to techniques of imaginative writing: short fiction, poetry, drama.

221 Interpreting and Writing About Fiction (4)

Techniques of organizing and developing critical essays about fiction; critical compositions and reports. Recommended as background for all upper division fiction courses.

222 Interpreting and Writing About Poetry and Drama (4)

Techniques of organizing and developing critical essays about poetry and drama; critical compositions and reports.

225 Interpreting Film (4)

Critical study of film as an art form. Emphasis on short films, including variety of genres, such as animation, documentary, and story films.

228 English Grammar Review (4)

Prerequisite: ENGL 190. Review of traditional grammar; practice in identifying sentence parts, phrases, clauses, and parts of speech, as well as grammatical categories such as tense, number, and agreement.

229 Writing Proficiency (4)

Prerequisite: ENGL 190. Strategies for improving writing proficiency in descriptive, illustrative, explanatory, and persuasive essays. Graded A,B,C/NC.

250 Understanding Literature (4)

Forms and techniques of fiction and/or drama, and poetry; analysis of representative works of various periods and cultures; critical compositions and reports. Not open to English majors.

258 Mythology in Literature (4)

Analysis and interpretation of dominant myths in representative works of world fiction, drama, and poetry; critical compositions.

260 Women and Literature (4)

Fiction, poetry, and drama by women authors; close analysis of representative works; critical compositions.

270 Contemporary American Literature (4)

Recent fiction, autobiography, poetry, and drama by American authors; close analysis of representative works; critical compositions.

280 Contemporary World Literature (4)

Recent fiction, poetry, and drama written by authors outside the U.S.; close analysis of representative works; critical compositions.

Upper Division Courses

Upper division standing is prerequisite to enrollment in 400-level courses. ENGL 190 or its equivalent is prerequisite to all upper division English courses. Prerequisite for all literature courses: ENGL 250, or 221 and 222, unless otherwise stated.

306 Technical Writing (4)

Prerequisite: Passing WPE score. Fundamentals of technical writing; development and writing of mechanism descriptions, proposals, feasibility studies, progress reports, and long technical reports.

308 Expository Writing (4)

Prerequisite: Passing WPE score. Methods of and practice in writing analytical essays that present persuasive arguments; emphasis on coherent organization, clear style, rigorous argumentation.

318-319-320 British Literature (4, 4, 4)

Prerequisite: ENGL 221, 222, or 250. Study of representative works within the contexts of literary tradition and significant historical, social, and intellectual developments. Supervised practice in writing.

318: British Literature to 1640**319: British Literature 1640-1832****320: British Literature 1832-1920****340 Writing the Critical Essay (4)**

Intensive, supervised practice in advanced composition; emphasis on critical response to a literary work and its effective statement in essay form.

350 Evolution and the Modern World (4)

(also listed as ART 350, HIST 350, PHIL 350)

Prerequisite: GE humanities requirement. History of the idea of evolution from antiquity to the present and its impact on the culture of the 20th century.

354 Selected Topics in Literature (4)

Representative works in literature of various thematic or stylistic types. Specific topics announced in *Schedule of Classes*. May be repeated for credit.

358 Technology in Literature (4)

Prerequisite: ENGL 221, 222, or 250. The literary response to the impact of technology on society, nature, individual life, and art from the 18th century to the present. Supervised practice in writing.

360 Adjunct Writing (2 or 4)

Corequisite: Upper division course in student's major department may be required. Supervised practice in advanced composition, emphasis on styles germane to student's major field. May be taken in two 2-unit segments as required by student's major department.

381 Legacy of Ancient Literature and Art (4)
(also listed as ART 381)

Prerequisite: ENGL 250. Legacy of ancient literature and art in modern literature and art through focus on three themes: the self and self-consciousness, society, and nature.

382 Violence in Literature (4)

Depiction of and attitude toward the theme of violence in selected literary works.

383 Themes of Adult Life in Philosophy and Literature (4)
(also listed as FL 383 and PHIL 383)

Prerequisite: GE humanities requirement. Meaning of selected experiences of adult life, for example, initiation and coming of age; self-actualization and responsibility; love and intimacy; parenthood; change in middle years; death and dying.

385 Sex and Gender in Language and Literature (4)
(also listed as SPCH 385)

Prerequisites: For English Majors, ENGL 221 or 222; for others, ENGL 250. Analysis of the comparative language behavior of women and men as revealed in research on communication and in representative literary works, both classic and modern.

387 The American Landscape in Literature (4)

Prerequisite: ENGL 221, 222, or 250. The literary response to the American landscape from the time of the early explorers to the present.

389 Human Emotions in Literary Expression (4)
(also listed as FL 389)

Prerequisite: GE humanities requirement. Emotions such as love, anger, laughter, joy, sorrow, guilt, pain or oppression, etc., as represented in prose and poetic forms of various cultures.

392 "Statement" and Literary Magazine Editing (1-4)

Prerequisite: Consent of faculty member advising the course. Techniques of editing and producing literary magazines. May be repeated to maximum of 6 units. Graded CR/NC.

400 Introduction to Linguistics (4)
(also listed as ANTH 471)

Descriptive and historical study of language; problems of data collection and techniques of analysis, linguistic structure, language classification, language families of the world, language in its sociocultural setting.

401 English Language in America (4)

Introduction to linguistic theory; elementary structural analysis of phonology, morphology, and syntax; discussion of levels and functional varieties of usage.

402 History of the English Language (4)

Prerequisite: ENGL 401. External history; structural history; history of vocabulary; principles of historical linguistics.

403 Language and Culture (4) (also listed as ANTH 470)

Prerequisite: ANTH 250. Nature, origin, and evolution of language. Survey of approaches and studies illustrating variations in the relation of habitual thought and behavior to language.

405 Modern English Grammar (4)

Prerequisite: ENGL 401. Transformational generative analysis of contemporary morphology and syntax; its relationship to alternate grammars of English.

406 Writing Nonfiction (4)

Prerequisite: Passing WPE score. Methods of and practice in writing documentary, biographical, and other nonfiction prose; emphasis on style, detail, effective development.

407 Writing Fiction (4)

Prerequisite: Instructor consent. Instruction in the technique and art of writing fiction. May be repeated to maximum of 16 units.

408 Writing Poetry (4)

Prerequisite: Instructor consent. Instruction in the technique and art of writing poetry. May be repeated to maximum of 16 units.

410 Writing in the Schools (4)

Prerequisite: One upper division ENGL linguistics course. Discussion of composing and theories of discourse; review of research in written expression; practice in applying and evaluating theories.

416 Chaucer (4)

Troilus and Criseyde, Canterbury Tales, and selected minor poems as works of art and as reflections of culture and literary conventions of the time.

417 Shakespeare I (4)

Shakespearean drama. Intensive study of five or six plays chosen from following: Julius Caesar, Romeo and Juliet, Macbeth, Twelfth Night, The Merchant of Venice, Henry IV-Part One, Richard III, and Hamlet; elements of Shakespearean drama.

418 Shakespeare II (4)

Intensive study of four or five plays (and poems) not included in 417; range and diversity of Shakespeare's art in his time and ours.

419 Milton (4)

Selected works of John Milton.

424 Greek and Roman Drama in Translation (4)

Plays by Aeschylus, Sophocles, Euripides, Aristophanes, Seneca, Plautus, and Terence; characterization, style, focus, and problems of translation.

425 Epic and Legend (4)

Stylistic, thematic, generic, and cultural analysis of representative epics and legends from world literature.

426 African Literature (4) (also listed as PAS 426)

Prerequisite: ENGL 250. African literature and its cultural background; intensive study of writers in English and others in translation; critical compositions and reports.

427 Modern Drama: Continental, English, and American (4)

Representative plays by such dramatists as Ibsen, Strindberg, Chekhov, Shaw, Pirandello, O'Casey, O'Neill; major theatrical movements; naturalism, symbolism, and expressionism.

428 Contemporary Drama: Continental, English, and American (4)

Prerequisite: ENGL 427 recommended. Representative plays by such dramatists as Brecht, Lorca, Beckett, Sartre, Genet, Pinter, Miller, Williams. Modern poetic drama; epic, existential, and absurdist theatre; theatre of cruelty.

430 Children's Literature (4)

Prerequisite: ENGL 406 or passing WPE score. Analysis and evaluation of literature for children; role of literature in children's education.

432 Literature for Adolescents (4)

Prerequisite: ENGL 406 or passing WPE score. Analysis and evaluation of literature appropriate for adolescents; examination of adolescent concerns in literary works.

441 Major Critics (4)

Major critical approaches to literature; systems of Aristotle, Dryden or Johnson, Wordsworth, Coleridge; a modern critic or a contemporary critical problem.

446 The British Novel: Defoe to Hardy (4)

Representative works by major British novelists, e.g., Defoe, Fielding, Sterne, Dickens, and Hardy.

447 The British Novel: Conrad to Present (4)

Representative works by modern British novelists, e.g., Conrad, Joyce, Lawrence, Huxley, and Cary.

450 Analyzing Children's Film (4)

Children's films as art form and communication medium; cinematic explication; visual and verbal communication techniques; children's films adapted from folklore, fable, and children's books.

451 Film and Literature (4)

Critical study of films adapted from literary sources along with analysis of original literature for purpose of contrasting the media. May be repeated once as subject matter changes.

453 Modern Women Writers (4)

Representative works by such women writers of the modern world as Kate Chopin, Gertrude Stein, Willa Cather, Isak Dinesen, Colette, Virginia Woolf, Doris Lessing, and Gabriela Mistral.

454 Selected Topics in Literature (4)

Advanced study of representative works in literature of various thematic or stylistic types. Specific topics announced in *Schedule of Classes*. Open to English majors. May be repeated for credit.

460 Medieval English Literature (4)

Lyric poetry, epic and romantic narratives, and dramatic works, from Anglo-Saxon beginnings through fifteenth century, exclusive of Chaucer. Readings in Middle English and in translation.

461 Dramatic Literature of the English Renaissance (4)

Representative plays by Elizabethan and Jacobean dramatists exclusive of Shakespeare, e.g., Marlowe, Dekker, Webster, Johnson, Beaumont, and Fletcher.

463 The English Renaissance (4)

Nondramatic literature from Wyatt to Bacon; British and continental cultural, literary, and philosophical backgrounds.

464 Seventeenth Century Literature (4)

Prose and poetry from Donne to Dryden, excluding Milton; literary, social and political backgrounds.

465 The Augustan Age (4)

Literature from Swift and Pope through Johnson; social and philosophical backgrounds.

467 The Romantic Age (4)

Prose and poetry from Blake to Keats; cultural and philosophical backgrounds.

468 The Victorian Age (4)

Prose and poetry of major Victorian writers; social and philosophical backgrounds.

471 American Literature: Beginnings to 1860 (4)

Puritanism to transcendentalism. Emphasis on such writers as Edwards, Emerson, Hawthorne, Melville, Poe, and Thoreau.

472 American Literature: 1860-1914 (4)

Prerequisite: ENGL 471. The movement toward realism and naturalism. Emphasis on such writers as Whitman, Dickinson, Twain, Howells, James, and Crane.

473 American Literature: 1914 to Present (4)

Representative writers of American modernism and postmodernism.

475ABC The American Novel Since 1920 (4, 4, 4)

Development of American novel from 19th century to present. Representative works by major American novelists. (Courses need not be taken in sequence.) Supervised practice in writing.

475A: 19th Century (e.g., Cooper, Hawthorne, Melville, Twain, James, Crane)

475B: 1900-1945 (e.g., Dreiser, Wharton, Cather, Anderson, Hemingway, Fitzgerald, Faulkner, Steinbeck)

475C: 1945-Present (e.g., Wright, Bellow, Ellison, O'Connor, Updike, Pynchon)

476 Ethnic Literature in the U.S. (4)

Fiction, nonfiction, poetry, and plays of U.S. modern ethnic writers. May include, among others, Asian-American, black American, Euro-American, Hispanic-American, and native American works.

477 Black American Literature (4)

Representative works of 19th and 20th century black American writers such as Forten, Chestnut, Dunbar, Hughes, Hurston, Wright, Baldwin, Walker, Brooks.

478 Modern Poetry (4)

Backgrounds of modern poetry; representative works by major British and American poets to 1930s, such as Yeats, Eliot, Pound, Frost, Williams, Stevens, and Lawrence.

479 Contemporary Poetry (4)

Representative works by British and American poets from 1930s to present, such as Auden, Roethke, Thomas, Lowell, Plath, Hughes, Berryman, Creeley, Baraka, Merwin.

480 Literature and the Fine Arts, B.C. (4)

Ancient literature (Oriental, Greek, and Roman) in relation to other arts. May be taken independently of ENGL 481 or in any sequence with it.

481 Literature and the Fine Arts, A.D. (4)

Western literature (medieval romance, Dante, Cervantes, Voltaire, Goethe, Balzac) in relation to other arts. May be taken independently of ENGL 480 or in any sequence with it.

482 The Bible as Literature: Old and New Testaments (4)

Types and styles of Biblical literature; geographical, historical, cultural, and archaeological backgrounds of both Testaments.

483 Folklore and Literature (4)

Forms of folklore and their relationship to literature; identification and analysis of the heritage of folklore in literature.

484 Major Continental Fiction: Cervantes to Balzac (4)

Representative works by European authors, e.g., Cervantes, Rousseau, Goethe, and Balzac.

485 Major Continental Fiction: Stendhal to Tolstoy (4)

Representative works by European authors, e.g., Stendhal, Flaubert, Chekhov, Dostoyevsky, and Tolstoy.

486 Twentieth Century Continental Fiction (4)

Representative works by European authors, e.g., Proust, Mann, Kafka, Sartre, and Camus.

488 Canadian Fiction (4)

Canadian fiction in English by major 20th century authors including Atwood, Laurence, Davies, Munro, Kroetsch, Richler, and others.

490 Special Studies in British Writers (4)

Intensive study of one British writer or of a small group of writers whose works represent a significant movement or aspect of British literature. May be repeated for credit as content changes.

491 Special Studies in American Writers (4)

Intensive study of one or a small group of American writers whose works represent a significant movement or aspect of American literature. May be repeated for credit as content changes.

495 Seminar: British Literature (4)

Prerequisite: English major with senior standing. Variable content course in which each seminar studies in depth a selected topic in British literature. May be repeated for credit as content changes.

496 Seminar: American Literature (4)

Prerequisite: English major with senior standing. Variable content course in which each seminar studies in depth a selected topic in American literature. May be repeated for credit as content changes.

497 Special Studies in World Writers in Translation (4)

Prerequisite: English major with senior standing. Variable content course; each seminar studies in depth a selected topic in world literature. May be repeated for credit as content changes.

498 Seminar: Language (4)

Prerequisite: English major with senior standing. Variable content course in which each seminar will study in depth a selected topic in language. May be repeated for credit as content changes.

499 Undergraduate Directed Study (4)

Prerequisites: Consent of an instructor to act as sponsor. Project selected in conference with sponsor. maximum of 4 units accepted toward English major or minor. May be repeated for credit as content changes. Graded *CR/NC*.

FOREIGN LANGUAGES AND LITERATURES

School of Arts and Letters

DEPARTMENT OFFICE

King Hall D1054
Phone: (213) 343-4230

The Department of Foreign Languages and Literatures offers programs leading to the Bachelor of Arts degree in French, Japanese, and Spanish, as well as minors in Chinese, French, Japanese, and Spanish to accompany a major in another field. In addition, opportunities are offered for one or several years of study in German, Italian, Latin, Portuguese, and Russian. Through the Foreign Language Cooperative Program, students are provided the opportunity for study of languages not taught on this campus.

Also offered are Master of Arts degrees in French and Spanish, described in the Graduate Programs section.

The Faculty

Emeriti: Alfred F. Michael Atlee, Matilde O. Castells, Harold E. Lionetti, Alfredo O. Morales, Leon Schwartz.

Professors: Abdallah J. Beddawi, E. Dale Carter, Jr. (Chair), Joseph A. Chrzanoski, Jeanine S. Gaucher-Morales, Alfonso González, Kazumitsu Kato, G. Grant MacCurdy, Elba R. Torres de Paralta, Hildebrando Villarreal, Frank W. Young, Marie-Antoinette U. Zrimc.

Associate Professors: Domnita Dumitrescu, Demetra Palamari, Francoise M. Pasques, Eri F. Yasuhara.

Assistant Professors: Felipe Díaz.

Reading Examinations

Foreign language reading examinations are administered by the Department of Foreign Languages and Literatures. Students in undergraduate or graduate programs requiring proficiency in a foreign language must enroll in FL 901 or 902, as appropriate, in the quarter in which any such examination is to be taken.

Limitation on Language Credit

Equivalent courses taken at the college level may not be repeated for credit toward a degree. A student with one year of high school language would normally be expected to enter 100B; a student with two years of high school language would enter 100C; with three years, 200A, and so on. However, it is recognized that special circumstances may make it advisable for some students to start at higher or lower levels. Therefore, the department will allow certain students who have studied a foreign language exclusively at the high school level to depart from the equivalency formula specified above after consultation and with the recommendation of a properly designated adviser.

Students who completed their secondary education in a foreign country where a language other than English is spoken natively may not receive credit for elementary language and lower division conversation courses in that language.

The Credential Program

The Bachelor of Arts degree programs in French, and Spanish, when completed with the credential option, and Japanese are approved by the Commission on Teacher Credentialing for examination waiver for the Single Subject credential.

In addition, the department shares partial responsibility for the Bilingual/Crosscultural Specialist credential, including content in Chinese, Japanese, and Spanish.

Candidates for admission to directed teaching in a foreign language are required to have achieved a B (3.0) grade point average or better in their major language. Language majors with a grade point average lower than 3.0, but no lower than 2.5, may petition the department for admission by examination to directed teaching.

Students who completed their baccalaureate at another college or university and who wish to obtain the Cal State L.A.-recommended teaching credential may be required to complete additional units of postgraduate course work in 300-, 400-, or 500-level courses in their major language. Students who have passed the National Teachers Examination (NTE) in French or Spanish are required to complete four to eight additional units in their major language.

For detailed information about these credentials, students should consult advisers in the department and in the School of Education.

English as A Second Language Programs

Students in need of instruction in English as a second language may wish to consult the Office of Continuing Education.

Foreign Language Cooperative Program (FLCP)

Courses in the Foreign Language Cooperative Program (FLCP 288 lower division, FLCP 488 upper division) are designed to give eligible students the opportunity to study at UCLA a foreign language that is not offered at this campus or any neighboring CSU campus. For information regarding enrollment and qualifications, consult the Department of Foreign Languages and Literatures.

CHINESE

Minor in Chinese

A minor in Chinese is available for students majoring in other fields. It may be of particular value to students interested in studying languages and literatures; history of the Far East in general and China especially; political science; or employment with the government, international business firms, or international agencies.

A total of 32 units in Chinese is required, of which 12 are in lower division and 20 are in upper division courses.

Requirements for the Minor (32 units)

Lower Division Required courses (12 units):

CHIN 200ABC Intermediate Chinese (Mandarin) (4, 4, 4)

Upper Division Required Courses (16 units):

CHIN 300AB Advanced Chinese I, II (Mandarin) (4, 4)

CHIN 310 Chinese Civilization (4)

CHIN 322 Newspaper Chinese (4)

Elective (select 4 units from following):

CHIN 408 or 410 Chinese Literature I or II (4)

Bachelor of Arts Degree in French

The study of French is conducive to proficiency in oral and written communication and also provides training in a humanistic discipline. It enhances enjoyment of travel abroad, foreign films, and great literary works. Students who achieve a mastery of French

may enter the teaching profession or work as translators, interpreters, or bilingual secretaries. Their skills are also useful in careers associated with international business, the foreign service, and the news media.

The undergraduate program in French includes a major for the Bachelor of Arts degree and a minor to accompany a major in another field. The Master of Arts degree program is described in the *Graduate Programs* section.

Requirements for the Major (64-66 units)

A total of 64-66 units is required, including at least 24 units earned in residence at Cal State L.A. Students select one of three options: Option I, Single Subject Teaching Option (30 units); Option II, Literary (28 units); or Option III, General Language (28 units). FREN 100 ABC or 130 is prerequisite to all options and may be satisfied by appropriate high school preparation or by examination.

Lower Division Required Courses (12 units)

FREN 200AB Intermediate French (4, 4)
FREN 201 Conversation and Composition (4)

Upper Division Required Courses (24 units)

FREN 300XY Advanced Grammar and Reading (4, 4)
FREN 301 Advanced Conversation and Composition (4)
FREN 401 Cours de Style (4)
FREN 410 Introduction to French Prose and Dramatic Literature I (4)
FREN 411 Introduction to French Prose and Dramatic Literature II (4)

• Option I: Single Subject Teaching Option (30 units)

Refer to the undergraduate *School of Education* chapter of this catalog for regulations governing all teaching credential programs.

Required Courses (22 units):

FREN 305 Phonetics (4)
FREN 310AB French Culture and Institutions (4, 4)
FREN 403 Contrastive Analysis of French and English Structures (4)
FREN 412 Masters of French Poetry (4)
FL 496 Instructional Practicum (2)

Electives (select 8 units from following):

FREN 315, 380, 405, 450, 451, 461 or 471

• Option II: Literary Option (28 units)

Required Courses (16 units):

FREN 310A or 310B French Culture and Institutions (4)
FREN 412 Masters of French Poetry (4)
FREN 450 Selected Topics in French Literary Prose (4)
FREN 451 Selected Topics in French Dramatic Literature (4)

Electives (select 12 units from following):

FREN 310A or 310B; 315, 405, 461 or 471

• Option III: General Language Option (28 units)

Required Courses (16 units):

FREN 305 Phonetics (4)
FREN 310B French Culture and Institutions (4)
FREN 380 Commercial French (4)
FREN 405 Translation (4)

Electives (select 12 units from following):

FREN 310A, 315, 412, 450, 451, 471

Minor in French

A minor in French is available for students majoring in other fields. It may be of particular value to students interested in the study of languages and literatures, the history of Europe in general and France especially, in political science, or in employment with the government, international business firms, or international agencies.

Requirements for the Minor (36 units)

A total of 36 units in French is required, of which 12 are in lower division and 24 are in upper division courses.

Lower Division Required Courses (12 units):

FREN 200AB Intermediate French (4, 4)
FREN 201 Conversation and Composition (4)

Upper Division Required Courses (24 units):

FREN 300XY Advanced Grammar and Reading (4, 4)
FREN 301 Advanced Conversation and Composition (4)

Select one or both of following:

FREN 310AB French Culture and Institutions (4, 4)

Select additional courses from following to complete 24-unit upper division requirement:

FREN 315, 380, 401, 405, 410, 411, 412

French minors should consult the department adviser regarding the choice of the most appropriate electives.

GERMAN

The Department of Foreign Languages and Literatures does not offer a major or a minor in German. However, courses in German are available for students majoring in other fields. Study of German may be of particular value to students of music, science, history, or political science. Knowledge of German may be helpful in securing employment with U.S. or international agencies or with international business firms.

ITALIAN

The Department of Foreign Languages and Literatures does not offer a major or a minor in Italian. However, the courses offered can be of value to students preparing to teach Romance languages; to those interested in the culture of Italy; or to those preparing for language prerequisites to graduate degrees.

Bachelor of Arts Degree in Japanese

The program in Japanese includes a major for the Bachelor of Arts degree and a minor. The program places emphasis on the development of communicative skills in Japanese and offers in-depth study of Japanese literature and civilization.

Study of the language gives students direct access to the Japanese people, their literature, and their civilization. Knowledge of a culture so different from those found in North America broadens intellectual horizons and enables students to better understand and interact with members of contemporary Japanese society.

Students who wish to qualify for the Single Subject credential are referred to the undergraduate *School of Education* chapter of this catalog for regulations governing all teaching credential programs.

Requirements for the Major (60 units)

A total of 60 units is required, including at least 24 units earned in residence at Cal State L.A. JAPN 100ABC or 130 is prerequisite to the major and may be satisfied by appropriate high school preparation or by examination.

Lower Division Required Courses (12 units):

JAPN 200ABC Intermediate Japanese (4, 4, 4)

Upper Division Required Courses (36 units):

JAPN 300ABC Advanced Japanese (4, 4, 4)

JAPN 310 Japanese Civilization to 1600 (4)

JAPN 311 Japanese Civilization since 1600 (4)

JAPN 400A or 400B Advanced Reading and Composition (4)

JAPN 408 Classical Japanese Literature (4)

JAPN 410 Modern Japanese Literature (4)

JAPN 460 Proseminar: Masters of Japanese Culture and Thought (4)

Electives (select 12 units from following):

JAPN 307, 395, 400A or 400B, 403**, 454L,P, 460

** Required for the Single Subject credential

Minor in Japanese

Prerequisite: JAPN 100ABC or 130 (may be satisfied by appropriate high school preparation or by examination). The minor requires completion of 36 units in Japanese as listed below.

Requirements for the Minor (36 units)**Lower Division Required Courses (12 units):**

JAPN 200ABC (4, 4, 4)

Upper Division Required Courses (12 units):

JAPN 300ABC (4, 4, 4)

Options (8 units)

Select one from following:

Literature: JAPN 408, 410 or

Civilization: JAPN 310, 311

Elective (4 units):

Select from: JAPN 400A, 400B, 454L,P, 460

LATIN

The Department of Foreign Languages and Literatures does not offer a major leading to the Bachelor of Arts degree in Latin, or a minor to accompany a major in another field. However, the courses offered can be of value to students preparing to teach Romance languages or interested in the Classics and in Roman and Early Christian history.

PORTUGUESE

The Department of Foreign Languages and Literatures does not offer a major leading to a Bachelor of Arts degree in Portuguese or a minor to accompany a major in another field. However, the courses offered can be of value to students preparing to teach Romance languages or interested in the Classics.

RUSSIAN

The Department of Foreign Languages and Literatures does not offer a major leading to a Bachelor of Arts degree in Russian or a minor to accompany a major in another field. However, the courses offered may be of value to students who wish to acquire a knowledge of the Russian language, culture, and literary forms.

Bachelor of Arts Degree in Spanish

The undergraduate program includes a major for the Bachelor of Arts degree with two options, and a minor for students majoring in other fields. The Master of Arts degree is described in the Graduate Programs section.

Requirements for the Major (72 or 74 units)

A total of 72 or 74 units is required, including at least 24 units earned in residence at Cal State L.A.

Following completion of a common core, students may select either Option I, General Program, which stresses literature or Option II, Single Subject Teaching Option, which includes linguistic study as well as literature. The first is recommended for students interested in careers other than teaching; the second is recommended for students intending to teach. SPAN 100ABC or 130 is prerequisite to all undergraduate programs and may be satisfied by appropriate high school preparation or by examination.

Options

Select one of the following programs.

• Option I: General Program (72 units)**Lower Division Required Courses (8 or 15 units):**

Select either:

SPAN 200ABC Intermediate Spanish (4, 4, 4) plus

SPAN 115 Conversation (4) or:

SPAN 205AB Intermediate Written Spanish (4, 4)

(above choice subject to adviser approval)

Upper Division Required Courses (40 units):

SPAN 300AB Composition and Grammar (4, 4)

SPAN 310 Spanish Civilization (4)

SPAN 315 Spanish-American Civilization (4)

SPAN 401 Introduction to Hispanic Literary Criticism (4)

SPAN 408 Spanish Literature I (4)

SPAN 410 Spanish Literature II (4)

SPAN 411 Spanish-American Literature I (4)

SPAN 413 Spanish-American Literature II (4)

SPAN 414 Don Quixote de la Mancha (4)

****Electives (16-24 units):**

Select at least four, including two 400-level courses, from following:

SPAN 320, 350, 351, 380, 400B, 417, 418, 419, 421, 424, 426,

428, 429, 454, 459, 460, 475, 483, 485

** Students who complete 205AB rather than 200ABC plus 115 are required to take 24 units of electives.

• Option II: Single Subject Teaching Option (74 units)

Refer to the undergraduate *School of Education* chapter of this catalog for regulations governing all teaching credential programs.

Lower Division Required Courses (8 or 16 units):

Select either:

SPAN 200ABC Intermediate Spanish (4, 4, 4) plus

SPAN 115 Conversation (4) or

SPAN 205AB Intermediate Written Spanish (4, 4)

(above choice subject to adviser approval)

Upper Division Required Courses (46 units):

SPAN 300AB Composition and Grammar (4, 4)

SPAN 305 Introduction to Spanish Linguistics (4)

SPAN 320 Phonetics (4)

SPAN 350 Translation (4)

SPAN 400B Syntax (4)

SPAN 401 Introduction to Hispanic Literary Criticism (4)

SPAN 402 Morphology (4)

SPAN 403 Grammatical Structures of Spanish and English (4)

SPAN 408 Spanish Literature I (4)

SPAN 413 Spanish-American Literature II (4)

FL 496 Instructional Practicum (2)

****Electives (12-20 units)**

Select one from following:

SPAN 310 or 315

Select additional courses from following:

SPAN 351, 380, 405, 410, 411, 414, 417, 418, 419, 421, 424, 426, 428, 429, 459, 460, 475, 483, 485, and FL 496.

**Students who complete 205AB rather than 200ABC and 115 are required to take 20 units of electives.

Minor in Spanish

A minor in Spanish, totaling 32-40 units, depending on their prior experience with the language, is available for students majoring in other fields. Following completion of a common core, students select a total of four electives. Electives encompass literature, linguistics, and civilization, as well as applied language. Those interested in broadening their knowledge and understanding of the Hispanic language and culture would typically complete SPAN 320, 403, 410 or 413, and either 310 or 315. Students whose career goals require communicative proficiency in Spanish are encouraged to enroll in SPAN 350, 397, and 403. SPAN 100ABC or 130 is prerequisite to this program and may be satisfied by appropriate high school preparation or by examination.

Requirements for the Minor (32-40 units)**Lower Division Required Courses (8 or 16 units):**

SPAN 115 (4) plus 200ABC (4, 4, 4) or
SPAN 205AB (4, 4)

Upper Division Required Courses (8 units):

SPAN 300AB

Electives (select 16 units from following):

SPAN 310, 315, 320, 350, 351, 380, 397, 403, 410, 413

Courses in Foreign Languages (FL)**Lower Division Course****154 Special Topics in (a) Foreign Language (1-5)**

Topics of special interest to students of foreign language, as announced in *Schedule of Classes*.

Upper Division Courses**354L,P Special Topics in (a) Foreign Language (1-4)**

Prerequisites: As needed for specific topic. Topics of special interest to students in foreign languages as announced in *Schedule of Classes*.

383 Themes of Adult Life in Philosophy and Literature (4)
(also listed as ENGL 383 and PHIL 383)

Prerequisite: GE humanities requirement. Meaning of selected experiences of adult life, for example, initiation and coming of age; self-actualization and responsibility; love and intimacy; parenthood; change in middle years; death and dying.

389 Human Emotions in Literary Expression (4)
(also listed as ENGL 389)

Prerequisite: GE humanities requirement. Emotions such as love, anger, laughter, joy, sorrow, guilt, pain or oppression, etc., as represented in prose and poetic forms of various cultures.

392 Literary Gazette (1-4)

Prerequisites: Upper division standing, instructor consent. Techniques of producing a university literary magazine. May be repeated to maximum of 6 units. Graded CR/NC.

399 Directed Reading (1-4)

Prerequisite: Consent of adviser. Reading in foreign language about topics of interest to student under direction of faculty member; regular oral and/or written reports in the language.

460 Cultural Crosscurrents in Literature (4)

Prerequisite: Upper division standing. Study of a distinctive theme, movement, or genre in a number of foreign Western and non-Western literatures. Conducted in English. May be repeated for credit as content changes.

496 Instructional Practicum (1-4)

Prerequisites: Minimum 3.0 grade point average in major, completion of 400-level grammar class in major, approval by coordinator. Supervised experience in instructional activities related to the teaching of a second language. Regular progress meetings required. May be repeated to maximum of 4 units. Graded CR/NC.

Courses in Chinese (CHIN)**Lower Division Courses****100ABC Elementary Mandarin (4, 4, 4)**

Prerequisite: Must be taken in sequence. Students with one year of high school Mandarin should elect 100B; those with two years, 100C. Methodical presentation of structure of language through hearing, speaking, reading, and writing Mandarin.

101ABC Elementary Cantonese (4, 4, 4)

Prerequisite: Must be taken in sequence. Students without background in Cantonese are advised to take first year course. Introduction to structure of language through hearing, speaking, reading, and writing Cantonese.

200ABC Intermediate Mandarin (4, 4, 4)

Prerequisite: CHIN 100C or three years of high school Mandarin for 200A; four years for 200B. Emphasis on understanding and speaking Mandarin; rapid reading of Mandarin for comprehension, grammar review, and writing.

201ABC Intermediate Cantonese (4, 4, 4)

Prerequisite: CHIN 101C. Must be taken in sequence. Emphasis on understanding and speaking Cantonese; further development of conversational ability and reading Romanized Cantonese texts.

Upper Division Courses**300AB Conversation and Composition (Mandarin) (4, 4)**

Prerequisite: CHIN 200C. Must be taken in sequence. Practice in oral and written Mandarin. Emphasis on fluency, correct expression in writing, and vocabulary expansion through reading contemporary literature.

303 Mandarin for Cantonese Speakers (4)

Prerequisite: CHIN 201C. Emphasis on spoken Mandarin; drills for better understanding differences between Cantonese and Mandarin syntactic and idiomatic expressions.

310 Chinese Civilization (4)

Prerequisite: CHIN 200B. Major cultural and social trends of China from beginning to present.

322 Newspaper Chinese (4)

Prerequisite: CHIN 300B. Extensive reading in leading Chinese newspapers and magazines from People's Republic of China, Republic of China (Taiwan), Hong Kong, etc. Emphasis on abbreviated phrases used in contemporary newspapers and magazines.

408 Chinese Literature I (4)

Prerequisite: CHIN 300B. Chinese literature from the beginnings to the 13th century.

410 Chinese Literature II (4)

Prerequisite: CHIN 300B. Chinese literature from the 13th century to the present.

454L,P Special Topics in Chinese (1-4)

Current topics of special interest to students in Chinese as announced in *Schedule of Classes*. May be repeated for credit to maximum of 8 units.

Courses in French (FREN)**Lower Division Courses****100ABC Elementary French (4, 4, 4)**

Prerequisite: Must be taken in sequence. Students with one year of high school French should elect 100B; those with two years, 100C. Methodical presentation of fundamental structure of the language through hearing, speaking, reading, and writing French.

130 Intensive Elementary French (12)

Offered summer quarter only. Emphasis on acquisition of communicative skills. Presentation of structure of language and information about francophone cultures. Credit allowed for only one of FREN 130 and 100-ABC.

200AB Intermediate French (4, 4)

Prerequisite: Must be taken in sequence. Students with FREN 100C or three years of high school French should elect 200A; those with four years, 200B. Students with equivalent background may request placement by examination. Continued methodical study of French grammatical structures. Emphasis on understanding and speaking French; reading for analysis and comprehension, and writing.

201 Conversation and Composition (4)

Prerequisite: FREN 200B. Practice in oral and written French expression of intermediate difficulty; development of fluency and accuracy.

Upper Division Courses

All upper division courses except 461 and 471 are conducted in French.

300X Advanced Grammar and Reading (4)

Prerequisite: FREN 200B. Complete review of French verbal structures; analysis of French texts focusing on verbal usage; reading for comprehension, vocabulary building.

300Y Advanced Grammar and Reading (4)

Prerequisite: FREN 200B. Complete review of all French structures not based on verbal usages; grammatical and stylistic analysis of difficult French texts; reading for comprehension, vocabulary building.

301 Advanced Conversation and Composition (4)

Prerequisite: FREN 300X or 300Y. Practice in oral and written French expression; development of fluency and accuracy approximating native skill. May be repeated once for credit.

305 Phonetics (4)

Prerequisites: FREN 200AB, 201. Production of French sounds such as assimilation, liaison, vowel length, rhythm, accent, intonation, etc. Laboratory practice in pronunciation.

310AB French Culture and Institutions (4, 4)

Prerequisite: FREN 300X or 300Y or 301. Contributions of France to western world; origin and development of its political and social institutions, as well as evolution of its literature, thought, and art.

315 The French Popular Song (4)

Prerequisite: FREN 200B. French popular song from Middle Ages to present; relationship of song to historical, social, and cultural events.

380 Commercial French (4)

Prerequisite: FREN 300X or 300Y or 301. Intensive study of French used in business; theory and practice of fundamentals of commercial correspondence in French; translation of business English into business French.

401 Cours de Style (4)

Prerequisites: FREN 300XY, 301. Writing and analysis of literary French.

403 Contrastive Analysis of French and English Structures (4)

Prerequisites: FREN 300XY, ENGL 401. Contrastive analysis of structures of French and English describing similarities and differences of each; emphasis on studying structures that cause interference in language learning.

405 Translation (4)

Prerequisites: FREN 300XY, 301. Techniques of translation processes in rendering into French and English materials ranging from official documents to technical essays and literary texts.

410 Introduction to French Prose and Dramatic Literature I (4)

Prerequisite: FREN 300X or 300Y or 301. Development of French prose and dramatic literature from beginnings to French Revolution; cultural influences, literary landmarks, and analysis of genre and style.

411 Introduction to French Prose and Dramatic Literature II (4)

Prerequisite: FREN 300X or 300Y or 301. Development of French prose and dramatic literature from the French Revolution to the 20th century; cultural influences, literary landmarks, and analysis of genre and style.

412 Masters of French Poetry: Beginnings to Symbolism (4)

Prerequisite: FREN 300X or 300Y or 301. French poetic evolution as seen in the principal poets from Villon to Mallarmé.

450 Selected Topics in French Literary Prose (4)

Prerequisite: FREN 410 or 411. Selected masters of French literary prose and their influence on world letters and ideas. Focus on cultural significance and literary theory. May be repeated for credit as subject matter changes.

451 Selected Topics in French Dramatic Literature (4)

Prerequisite: FREN 410 or 411. Selected masters of French dramatic literature and their influence on world letters and ideas. Focus on cultural significance and aesthetic theory. May be repeated for credit as subject matter changes.

454 Special Topics in French (1-4)

Prerequisites: As needed for specific topic. Current topics of special interest in French as announced in *Schedule of Classes*. May be repeated for credit.

461 Masters of French Literature in Translation (4)

Study of one or several French authors whose writings are of special significance today. Conducted in English. May be repeated as subject matter changes.

471 The French Film (4)

Study of great traditions and personal styles of outstanding film makers. Critique and literary analysis of intellectual approach in French cinema. Conducted in English.

499 Undergraduate Directed Study (1-4)

Prerequisites: 3.0 grade point average in French, senior or graduate standing, adviser consent. Project selected in conference with instructor before registration; progress meetings held regularly and culminating in written reports. May be repeated for credit.

Courses in German (GERM)**Lower Division Courses****100ABC Elementary German (4, 4, 4)**

Prerequisite: Must be taken in sequence. Students with one year of high school German should elect 100B; those with two years, 100C. Methodical presentation of structure of language through hearing, speaking, reading, and writing German.

200ABC Intermediate German (4, 4, 4)

Prerequisite: Must be taken in sequence. Students with GERM 100C or three years of high school German should elect 200A; those with four years, 200B. Emphasis on understanding and speaking German; rapid reading of German for comprehension, grammar review, and writing.

201 Spoken German (4)

Prerequisite: GERM 100C. Intensive practice in spoken German at intermediate level. Intended for non-natives only.

Courses in Italian (ITAL)**Lower Division Courses****100ABC Elementary Italian (4, 4, 4)**

Prerequisite: Must be taken in sequence. Students with one year of high school Italian should elect 100B; those with two years, 100C. Methodical presentation of the language through hearing, speaking, reading, and writing Italian.

Courses in Japanese (JAPN)**Lower Division Courses****100ABC Elementary Japanese (4, 4, 4)**

Prerequisite: Must be taken in sequence. Students with one year of high school Japanese should elect 100B; those with two years, 100C. Methodical presentation of structure of the language through hearing, speaking, reading, and writing Japanese.

130 Intensive Elementary Japanese (12)

Offered summer quarter only. Emphasis on functional acquisition of spoken Japanese; reading and writing introduced. Credit allowed for only one of JAPN 130 and 100ABC.

200ABC Intermediate Japanese (4, 4, 4)

Prerequisite: Must be taken in sequence. Students with JAPN 100C or three years of high school Japanese should elect 200A; those with four years, 200B. Emphasis on understanding and speaking Japanese; rapid reading of Japanese; grammar review and writing.

230 Intensive Intermediate Japanese (12)

Offered summer quarter only. Emphasis on functional acquisition of spoken Japanese; reading and writing introduced. Credit allowed for only one of JAPN 230 and 200ABC.

Upper Division Courses**300ABC Advanced Japanese (4, 4, 4)**

Prerequisite: JAPN 200C. Advanced study of Japanese with emphasis on reading and writing. Continuation of aural-oral practice as an integral part of the course.

307 Japanese Literature in Translation (4)

Study of major works of Japanese literature organized around different themes. Subject matter may change with each offering. No knowledge of Japanese required. May be repeated for credit as content changes.

310 Japanese Civilization to 1600 (4)

Prerequisite: JAPN 200C. Origin and development of Japanese culture; religion, thought, literature, art, and patterns of life from neolithic age to 1600 A.D.

311 Japanese Civilization Since 1600 (4)

Prerequisite: JAPN 200C. Significant aspects of Japanese culture from 1600 A.D. to present; their evolution, characteristics, and synthesis in modern period.

395 Japanese in Community Service (1-4)

Prerequisites: JAPN 300C; approval by departmental faculty adviser in consultation with EPIC director, and acceptance by community agency. Participation in work of a community agency or campus program utilizing communication skills in Japanese. May be repeated to maximum of 6 units. Graded CR/NC.

400AB Advanced Reading and Composition (4, 4)

Prerequisite: JAPN 300C. Should be taken in sequence. Improvement of reading ability in modern Japanese; expository writing and use of advanced vocabulary and composition.

403 Contrastive Analysis of Japanese and English Structures (4)

Prerequisites: JAPN 300ABC and ENGL 401. Contrastive analysis of structures of Japanese and English describing similarities and differences of each; emphasis on studying structures that cause interference in language learning.

408 Classical Japanese Literature (4)

Prerequisites: JAPN 300C. Selected works of Japanese prose and poetry from earliest times to 1868. Introduction of classical grammar and vocabulary as needed.

410 Modern Japanese Literature (4)

Prerequisite: JAPN 300C. Selected works of Japanese prose and poetry from 1868 to the present. Literary trends of Meiji, Taisho, and Showa periods.

454L,P Special Topics in Japanese (1-4)

Prerequisite: As needed for specific topic. Current topics of special interest to students in Japanese as announced in *Schedule of Classes*. May be repeated to maximum of 8 units.

460 Proseminar: Masters of Japanese Culture and Thought (4)

Prerequisite: JAPN 300C. Original works of a major figure in Japanese intellectual history. Individual subjects for study change with each offering. May be repeated as subject matter changes.

Courses in Latin (LATN)**Lower Division Courses****100ABC Elementary Latin (4, 4, 4)**

Prerequisite: Must be taken in sequence. Students with one year of high school Latin should elect 100B; those with two years, 100C. Methodical presentation of structure of language through hearing and translating Latin classics.

All upper division courses except 307 are conducted in Japanese.

222 Readings in Latin Prose (4)

Prerequisite: LATN 100C. Intensive reading in Latin prose works from Roman Republic through Renaissance; practical exercises in Latin grammar.

Upper Division Courses**354 Special Topics in Latin (1-4)**

Prerequisite: As needed for specific topic. Topics of special interest to students of Latin as announced in *Schedule of Classes*. May be repeated for credit.

450 Latin Readings in History (4)

Prerequisite: LATN 222. Directed student research in classical and medieval texts. Original Latin source material for study of history and related subjects.

Courses in Portuguese (PORT)**Lower Division Courses****100ABC Elementary Portuguese (4, 4, 4)**

Prerequisite: Must be taken in sequence. Students with one year of high school Portuguese should elect 100B. Methodical presentation of structure of the language through hearing, speaking, reading, and writing Portuguese. Not appropriate for students with backgrounds in spoken Portuguese.

Courses in Russian (RUSS)**Lower Division Courses****101AB Elementary Russian (6, 6)**

Prerequisite: Must be taken in sequence. Students with two years of high school Russian should elect 101B; those with equivalent background may request placement by examination. Methodical presentation of structure of language through hearing, speaking, reading, and writing Russian.

Courses in Spanish (SPAN)**Lower Division Courses****100ABC Elementary Spanish (4, 4, 4)**

Prerequisite: Must be taken in sequence. Students with one year of high school Spanish should elect 100B; those with two years, 100C. Methodical presentation of structure of the language through hearing, speaking, reading, and writing Spanish. Not appropriate for students with backgrounds in spoken Spanish. Such students should consult a departmental adviser.

105 Elementary Written Spanish (4)

Prerequisite: Ability to speak Spanish. Emphasis on reading comprehension, vocabulary building, and writing. Recommended for Spanish speaking students with little or no knowledge of the written language. Credit allowed for only one of SPAN 100A and SPAN 105.

110 Spanish Conversation for Professions (4)

Prerequisite: SPAN 100A. Course in Spanish conversation which focuses, according to student need, upon vocabulary used in medicine, law enforcement, or the social sciences. Basic grammar presented inductively. May be repeated for credit. May not be taken for credit by Spanish majors. Graded CR/NC.

115 Conversation (4)

Prerequisite: SPAN 100C. May be taken concurrently with 200AB. Emphasis on use of spoken Spanish. Individual reports, small group discussions, and panel presentations on topics of current interest based on listening, viewing, and reading assignments.

130 Intensive Elementary Spanish (12)

Offered summer quarter only. Emphasis on acquisition of communicative skills. Presentation of structure of language and information about Hispanic cultures. Credit allowed for only one of SPAN 130 and 100ABC.

200ABC Intermediate Spanish (4, 4, 4)

Prerequisite: Must be taken in sequence. SPAN 115 (4) is prerequisite to 200C. Students with SPAN 100C or three years of high school Spanish should elect 200A; those with four years, 200B. Emphasis on understanding and speaking Spanish; rapid reading of Spanish for comprehension; grammar review, and writing. Methodology of 200ABC not appropriate for students with native speaking capability. Such students should select SPAN 205A or 205B in consultation with departmental adviser.

205AB Intermediate Written Spanish (4, 4)

Prerequisites: Ability to speak Spanish, and basic knowledge of written Spanish or SPAN 105. Must be taken in sequence. Emphasis on reading comprehension, vocabulary building, and writing. Students completing SPAN 205B may proceed to SPAN 300A. Credit allowed for only one of SPAN 200AB and SPAN 205AB.

230 Intensive Intermediate Spanish (12)

Prerequisite: SPAN 130, 100C, or three years of high school Spanish. Offered summer quarter only. Emphasis on understanding and speaking Spanish; rapid reading of Spanish for comprehension; grammar review, and writing. Credit allowed for only one of SPAN 230 and 200ABC.

Upper Division Courses

All upper division courses are conducted in Spanish.

300AB Composition and Grammar (4, 4)

Prerequisite: SPAN 200C or 205B. Must be taken in sequence. Intensive review of grammar; student compositions, emphasizing current writing practices in Spanish; letter-writing in Spanish; idiom review.

305 Introduction to Spanish Linguistics (4)

Prerequisite: SPAN 200C or 205B. Basic concepts of linguistics as applied to Spanish language; introduction to historical development of Spanish and regional dialects including Spanish spoken in U.S.

310 Spanish Civilization (4)

Prerequisite: SPAN 200C or 205B. Synthesis of cultural characteristics of Spain.

315 Spanish-American Civilization (4)

Prerequisite: SPAN 200C or 205B. Synthesis of cultural characteristics of Spanish America.

320 Phonetics (4)

Prerequisite: SPAN 200C or 205B. Production of Spanish sounds; analysis of intonation, rhythm, accentuation, vowel length, vowel linkage; laboratory practice in pronunciation.

350 Fundamentals of Translation (4)

Prerequisite: SPAN 300B. Intensive study of art of translation; practice in English-to-Spanish and Spanish-to-English translation.

351 Spanish for Interpreters (4)

Prerequisite: SPAN 300B. Intensive study and practice in the art of sight, consecutive, and simultaneous oral translation.

380 Commercial Spanish (4)

Prerequisite: SPAN 200C. Intensive study of Spanish used in business; theory and practice of fundamentals of commercial correspondence in Spanish.

395N Spanish in Community Service (1-4)

Prerequisites: SPAN 300B, approval of departmental faculty adviser in consultation with EPIC director, acceptance by community agency. Participation in work of a community agency or program utilizing communication skills in Spanish. May be repeated once to maximum of 6 units. Graded CR/NC.

397 Field Work in Spanish (1-4)

Prerequisite: To be established by coordinator in consultation with host organization. Field work and internships in occupations in which communication skills in Spanish can be used and perfected. Minimum of 4 hours per week per credit hour. May be repeated to maximum of 4 units. Graded CR/NC.

400A Spanish Morphology (4)

Prerequisite or corequisite: SPAN 320. Study of parts of speech with attention given to nominal and verbal inflections, pronominal paradigms, and morphological structure of derived and compound Spanish words.

400B Syntax (4)

Prerequisite: SPAN 400A. Comprehensive review of Spanish syntax; analysis of structure of simple and complex sentences.

401 Introduction to Hispanic Literary Criticism (4)

Prerequisite: SPAN 300B. Introduction to major forms and aesthetic concepts of, and critical approaches to, Hispanic literature.

403 Grammatical Structures of Spanish and English (4)

Prerequisites: SPAN 300B, ENGL 401. Contrastive analysis of syntactic structures of Spanish and English; emphasis on structures that cause interference in language learning.

405 Semantics and Pragmatics (4)

Prerequisite: SPAN 400A. Analysis of meaning in sentences in Spanish and of main features of Spanish lexicon; selected problems of discourse pragmatics; functional meaning of the sentence in context.

408 Spanish Literature I (4)

Prerequisite: SPAN 401. Introduction to Spanish literature from medieval period through the Golden Age.

410 Spanish Literature II (4)

Prerequisite: SPAN 401. Introduction to Spanish literature from 1700 to present.

411 Spanish-American Literature I (4)

Prerequisite: SPAN 401. Spanish-American literature from the Conquest to 1888.

413 Spanish-American Literature II (4)

Prerequisite: SPAN 401. Spanish-American literature from 1888 to present.

414 Don Quixote de la Mancha (4)

Prerequisites: SPAN 408, 410. Reading and analysis of Don Quixote de la Mancha.

417 Spanish-American Short Story (4)

Prerequisites: SPAN 411, 413. Spanish-American short story from the Tradiciones of Ricardo Palma to the present.

418 Golden Age Prose (4)

Prerequisites: SPAN 408, 410. Reading and analysis of prominent prose writers of the Golden Age.

419 Colonial Spanish-American Literature (4)

Prerequisites: SPAN 411, 413. Intensive study of colonial masterworks including prose, poetry, and theatre.

421 Mexican Literature of Twentieth Century (4)

Prerequisites: SPAN 411, 413. Intensive study of significant works and movements of Mexican literature from 1900 to present.

424 Golden Age Drama of Spain (4)

Prerequisites: SPAN 408, 410. Principal Spanish dramatists of the Golden Age; their thematic, poetic, social, and historical values and their influence on and contrast to subsequent literary history.

426 Nineteenth Century Spanish Novel (4)

Prerequisites: SPAN 408, 410. Intensive study of novelists of 19th century Spain.

428 The Generation of '98 (4)

Prerequisites: SPAN 408, 410. Intensive study of poets, novelists, and essayists who promoted literary revival following 1898.

429 Nineteenth Century Spanish-American Literature (4)

Prerequisites: SPAN 411, 413. Intensive study of 19th century masterworks including novel, poetry, and theatre.

454 Special Topics in Spanish (1-4)

Prerequisite: As needed for specific topic. Current topics of special interest in Spanish as announced in *Schedule of Classes*. May be repeated for credit to maximum of 8 units.

459 Hispanic Play Production (3-4) (also listed as TA 459)

Prerequisite: Completion of intermediate Spanish. Introduction to major forms of Spanish drama: mechanics and production of a major work of Hispanic theatre. May be repeated to a total of 6-8 units of which maximum of 4 may apply to major.

460 Proseminar: Masters of Hispanic Culture and Thought (4)

Prerequisites: Three upper division literature courses, including relevant introductory literature course. Outstanding Spanish and Spanish-American writers from Middle Ages to present; an individual author will be studied at each offering. May be repeated as subject matter changes.

475 Proseminar: Spanish-American Theatre (4)

Prerequisites: SPAN 411, 413. Intensive study of selected Spanish-American playwrights from 17th century to present.

483 Contemporary Spanish-American Novel (4)

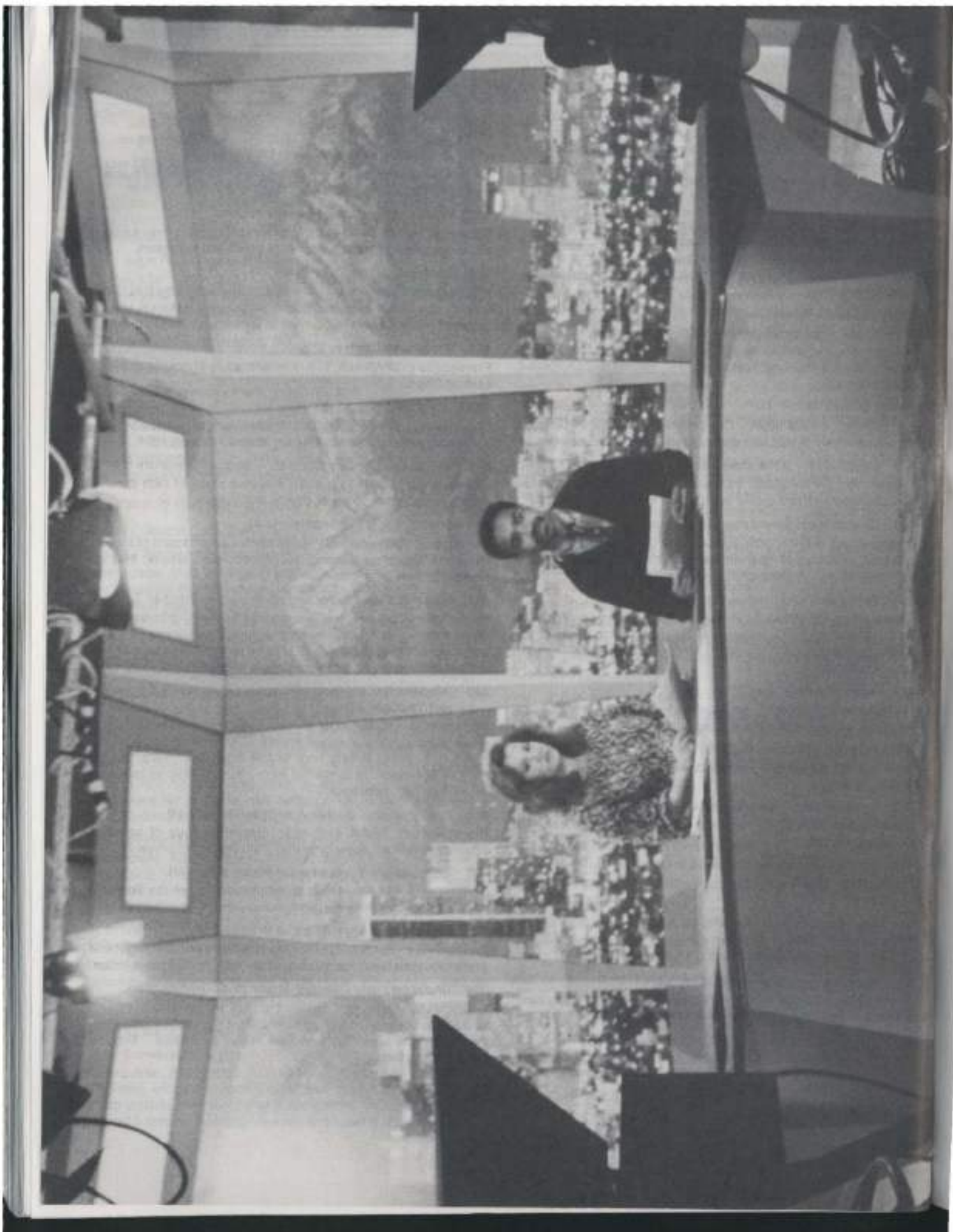
Prerequisites: SPAN 411, 413. Intensive study of the Spanish-American novel of the past thirty years.

485 Literature of Argentina and Uruguay (4)

Prerequisites: SPAN 411, 413. Representative works of Argentine and Uruguayan literature, drama, essay, poetry, and prose fiction.

499 Undergraduate Directed Study (1-4)

Prerequisite: Instructor consent to act as sponsor. Project selected in conference with sponsor before registration; progress meetings held regularly, and final report submitted. May be repeated for credit.



LIBERAL STUDIES

School of Arts and Letters

PROGRAM OFFICE

Engineering and Technology A427
Phone: (213) 343-4100

Liberal Studies is an interdisciplinary program that offers students the opportunity to pursue a major leading to a Bachelor of Arts degree in this field of study.

The Liberal Studies major provides an appropriate foundation for professional training in education, librarianship, law, medicine, various fields of public service, and business and industry. In addition, with careful selection of electives, students may prepare for graduate study in such areas as American Studies, education, English, and the social sciences.

The Faculty

Faculty for this interdisciplinary program is drawn from cooperating departments, with Eugene R. Fingerhut, Professor of History, serving as Coordinator.

Bachelor of Arts Degree

The Bachelor of Arts degree program in Liberal Studies offers students the opportunity to design a major that focuses on understanding oneself, one's cultural heritage, the natural and social world, contemporary issues, and methods of analysis, inquiry, and problem solving. Courses in methods of interdisciplinary study also cover various topics from an interdisciplinary point of view and provide integrative learning experiences. The program draws extensively from courses throughout the university curriculum.

Preparation for teaching may be incorporated into the major. A diversified (Multiple Subject Credential Option) has been approved by the Commission on Teacher Credentialing. Particular requirements and restrictions apply to candidates for teaching. Therefore, early consultation with a Liberal Studies adviser is essential. Refer to the undergraduate *School of Education* chapter of this catalog for regulations governing all teaching credential programs.

Advisement

All students who intend to major in Liberal Studies must confer with a Liberal Studies program adviser by the end of the first quarter of their junior year in order to devise an official degree program.

Requirements for the Major (71-76 units)

In addition to the core, which is required for both options, the general option consists of 76 units, 12 in Liberal Studies and 64 in related areas, and the interdisciplinary credential option, intended for students pursuing the Multiple Subject Credential to teach at the elementary level, consists of 71 units. The credential option is approved for examination waiver for the Multiple Subject teaching credential.

The following courses are required for both options.

Required Courses (16 units):

- LBS 301 Interdisciplinary Investigation (4)
- LBS 360 Library Research Techniques (4)
- LBS 454LP Selected Topics in Liberal Studies (4)
- LBS 489 Senior Thesis (4)

• General Option (76 units)

This option requires completion of 76 units, 16 in Liberal Studies and 60 in the four areas described below; at least 52 of the 76 units must be upper division. Courses that appear more than once in the following lists may be taken for credit in only one theme. LBS 454LP may be used in one of the areas with adviser approval. Courses taken for credit within the major cannot be used to meet lower or upper division general education requirements; however, students can select general education courses that will serve as prerequisites for courses within the major.

AREA I: CULTURAL HERITAGE (16 units)

Select 16 units from one theme with no more than 9 units from any department. Certain sections of LBS 454LP may be used with adviser approval.

Theme 1: The Ancient and Medieval Heritages

ANTH 425	ART 406, 411, 416, 476
ENGL 416, 424, 460, 480	
HIST 400A, 410-413, 419, 421, 422, 445	
MUS 370	PHIL 311, 452
POLS 410	RELS 300
SPCH 470	TA 462

Any ancient or medieval language course

Theme 2: European Heritage

ART 421, 436, 451	
ENGL 318-320, 417, 418, 446, 447, 451, 465, 484-486	
FREN 310AB, 461	GEOG 423
HIST 400B, 420, 423-431, 437, 439, 440, 442, 446	
MUS 370-372	PHIL 313, 474
POLS 411, 450, 455	SOC 412
SPAN 310	TA 463

Any modern European language course

Theme 3: Cultures of the Developing World

ANTH 350, 401, 404, 408, 410, 413, 414	
ART 431, 446, 481	CHIN 310
CHS 400	ECON 460
GEOG 424, 425, 427, 428, 430, 433	
HIST 414AB-420, 461, 462, 465, 466, 490AB, 491, 494ABC, 495AB	
JAPN 307, 310, 311	LAS 424, 435
LAS/PAS 442, 460	MUS 457, 458
PAS 423, 432	PHIL 433, 435
POLS 451-453	SPAN 315

Any foreign language course relevant to the developing world (Arabic, Chinese, Hebrew, Hindi, Japanese, Korean, Pidgin, Spanish, Swahili, Tagalog, etc.)

Theme 4: United States Cultural Heritage

ANTH 406, 407	ART 441
CHS 440, 444	ECON 350, 471
ENGL 401, 471-475ABC	GEOG 421, 431, 446
HIST 470-474, 476, 477, 479	MUS 450, 451
PAS 402, 403, 420	PHIL 430
POLS 405, 413	SOC 448, 460
SPCH 473AB	TA 313

AREA II: THE NATURAL WORLD (16 units)

Select 16 units from one theme with no more than 9 units from any one department. Certain sections of LBS 454L,P may be used with adviser approval.

Theme 1: Humanity and Its Natural Environment

ANTH 260, 460-462
 BIOL 101-103, 155, 156, 165, 168, 350N
 BIOL/CHEM/CS/PHYS 358N
 CHEM 101, 102, 103, 152, 158, 159, 160, 353, 380N
 GEOG 160, 410, 415 GEOL 155, 158, 252, 321, 420N
 PHYS 150, 155 PSY 170, 401

Theme 2: The Universe and Its Mathematical Rules

ASTR 151, 152, 160 BIOL 361N
 BIOL 302 or ECON 209 or 309 or PSY 302 or SOC 210AB
 CS 190, 203, 290 ENGR/GEOG 358 or MATH 274
 GEOG 160 HIST 400C, 402
 MATH 205, 207, 242 PHIL 404, 405, 451, 485
 PHYS 150

AREA III: CREATIVE DIMENSIONS (16 units)

Select 16 units from one theme with no more than 9 units from any one department. Certain sections of LBS 454L,P may be used with adviser approval.

Theme 1: Aesthetics and Religion

ANTH 437, 445 ART 351, 476, 482
 ART/MUS 455, 456 BCST 397
 DANC 476, 477 ENGL 441, 451, 481, 482
 FL 460 FREN 471
 FSCS 409, 466, 467 HIST 480
 MUS 351, 355, 452 PHIL 415, 418, 460, 475
 RECR 331 SOC 445
 RELS 300, 350, 425, 430, 450, 461
 SPCH 457 TA 311, 312, 480

Theme 2: Creative Use of Leisure

In this theme you may complete all 16 units in one academic discipline.

Art: With approval of a Liberal Studies adviser and the art instructor involved, you may include any art activity course numbered 202-493 (do not include art history, appreciation, or literature classes).

ENGL 408

Music:

MUS 230, 243ABC, 343ABC and

With approval of a Liberal Studies adviser and the music instructor involved, you may include any music performance course (do not include music appreciation, literature, theory, or history classes).

RECR 204 SPCH 267 or 367; 268

With approval of a Liberal Studies adviser and the theatre arts and dance instructor involved, you may include any DANC or TA performance courses numbered 100-485 (do not include dance or theatre arts history, appreciation, or theory courses).

AREA IV: THE CONTEMPORARY IDIOM (16 units)

Select 16 units from one theme with no more than 9 units from any one department. Certain sections of LBS 454L,P may be used with adviser approval.

Theme 1: 20th Century Conceptualizations

ANTH 435, 443, 444, 450 ART 426
 ENGL 308, 340, 358, 405, 406, 451, 475ABC, 486

GEOG 481 MUS 372, 451
 PHIL 313, 410, 412, 420, 440, 445, 459
 POLS 411 PSY 308, 410AB, 412AB, 462
 RELS 435 SOC 414, 425, 426, 441
 SPCH 482

Theme 2: Current Domestic Problems

ANTH 406 BIOL 361N
 CHS 410, 430 ECON 350, 390, 433, 440
 ENGL 308, 406 GEOG 446, 475-477
 HIST 475, 476, 477, 480, 483, 488, 489
 MGMT 308 PAS 402, 403
 POLS 405, 417, 430 PSY 422 or SOC 422
 PSY 442, 447 SOC 430, 447, 448, 460
 SPCH 489

Theme 3: Current International Problems

ANTH 434, 439 ECON 426, 461, 480
 ENGL 308, 406 GEOG 370, 441, 476, 477, 481
 HIST 415, 429, 447, 453, 459, 463, 478, 490B, 492, 494C
 POLS 421, 425-427, 446, 450, 455, 459

• Multiple Subject Credential Option (71 units)

In addition to the core which is required in both options, this option requires 71 units, 16 in Liberal Studies and the remainder in four blocks comprised of other disciplines; at least 54 of the 71 units must be upper division. LBS 454L,P may be used in one of the blocks with adviser approval. Students who wish to receive the teaching credential must also complete the additional 60 units required in related fields, HS 456, and PE 420, must achieve the campus' required grade point average for teaching credential candidates.

BLOCK I: ENGLISH, COMMUNICATION (28 units)

Required in Related Fields (12 units):

ENGL 190, 250 SPCH 150

Major Requirements (16 units):

ENGL 308 or 406 ENGL 340 or 410
 ENGL 401 or SPCH 494 ENGL 430 or SPCH 490

Certain sections of LBS 454L,P may be used with adviser approval.

BLOCK II: MATHEMATICS AND SCIENCE (31 units)

Required in Related Fields (16 units):

ASTR 151, 152 BIOL 155
 GEOG 160 or GEOL 158 MATH 100

Major Requirements (15 units):

BIOL 156 CHEM 158
 CS 160 PHYS 155

Certain sections of LBS 454L,P may be used with adviser approval.

BLOCK III: SOCIAL SCIENCE (36 units)

Required in Related Fields (24 units):

ANTH 285 or PSY 160 or SOC 202
 ECON 150 HIST 202A or 202B
 POLS 150/PSY 150
 SOC 201 or GEOG 150

Major Requirements (12 units):

ANTH 401 or GEOG 370 HIST 488 or 489 or POLS 403
 PSY 412A or 412B

Certain sections of LBS 454L,P may be used with adviser approval.

BLOCK IV: HUMANITIES (24 units)*Required in Related Fields (8 units):*

PHIL 160

ART 101A or 101B or 101C or MUS 150 or

RELS 200 or foreign language

Major requirements (16 units):

ART 351 or MUS 351

ART 400

MUS 400

PHIL 485

Certain sections of LBS 454L.P may be used with adviser approval.

GENERAL EDUCATION UPPER DIVISION THEME

Select a GE upper division theme in consultation with an adviser and complete one course in each of the three areas within that theme. Theme courses are not part of the major but are included in credential requirements.

Bilingual Emphases

Students who select a bilingual emphasis must consult the *School of Education* for current requirements which include knowledge of a teaching methodology and a culture and the language of an ethnic group covered by the Bilingual Program. Familiarity with this information may be tested by an examination.

Minor in Women's Studies

The Women's studies minor, which requires 32 units, is a multidisciplinary program comprised of courses in women's studies and related areas.

Based on recent contribution of gender scholarship, theory, and history, the Women's Studies minor is designed to examine the influence of gender on the roles, status, and interaction of women and men in society; to increase knowledge of women's contributions to the liberal arts and sciences and the professional fields; and to enhance the ability of women to formulate challenging and satisfying goals and to achieve them.

Both men and women benefit from such a program, which helps them understand the influence of gender and gender role on key aspects of human behavior and interaction in a variety of contexts.

The courses that comprise the minor must be selected with the approval of a Women's Studies adviser.

Requirements for the Minor (32 Units)*Lower Division Required Course (4 units):*

WOMN 200 Introduction to Women's Studies(4)

Upper Division Required Courses (13-16 units):

* ANTH 438 Sex Roles in Crosscultural Perspective (4) or

* SOC 441 Sociology of Sex Roles (4)

* BIOL 488N/PSY 488 Gender Differences (4)

* ENGL/SPCH 385 Sex and Gender in Language and Literature (4) or

* PHIL 412 Philosophy and Sex Roles (4)

WOMN 491 Proseminar: Women's Studies (1-4)

* Completion of these courses satisfies the upper division general education theme #10, Gender in Human Experience. The 12 required units may be used to satisfy both general education and Women's Studies minor requirements.

Recommended Electives (12-15 units):

Select 12-15 units (at least 8-11 upper division) with no more than two courses from the same area or discipline, with assistance of a Women's Studies adviser. Courses listed above but not used to

satisfy the GE theme requirement may be used as electives for the minor. Other approved electives appear below.

Lower Division

CHS 230

Upper Division

ENGL 453

HIST 485, 486

PAS 412

PSY 419

SPCH 479

FSCS 424

HS 455

POLS 442

RELS 435

WOMN 454, 499

The Credential Program

A diversified major program in Liberal Studies has been approved by the Commission on Teacher Credentialing for examination waiver for the Multiple Subject credential. Students may incorporate preparation for teaching into the major by completing the Multiple Subject Credential Option. Particular requirements and restrictions apply to candidates for teaching; therefore, early consultation with Liberal Studies advisers is essential. Students should also contact advisers in the School of Education regarding admission to and requirements of the credential program.

Courses in Liberal Studies (LBS)**Lower Division Course****200 Methods and Materials of Library Research (4)**

Development of library research skills. Survey and analysis of major categories of research tools and their application in various disciplines.

Upper Division Courses**300ABC: Romance Versus Reason I-III (4 each)**

300A: First in a series of three courses exploring the social, humanistic, and scientific transformations of thought, imagination, and behavior in the revolutionary period. Reason, romance, and revolution, 1789-1848.

300B: Prerequisite: LBS 300A. Explores how scientific discovery, humanistic inquiry, and social theory transform the earlier, revolutionary fervor into institutionalized or evolutionary change in the debate over man's and woman's place in nature, 1848-1871.

300C: Prerequisite: LBS 300B. Crisis of Victorian culture, 1871-1914. Explorations of the ways in which psychic, intellectual, and political tensions of the Victorian era reach a climactic synthesis in the cataclysm of 1914.

301 Interdisciplinary Investigation (4)

Prerequisite: Passing WPE score. Principles and techniques of interdisciplinary problem-solving: nature and limitations of knowledge, evaluation of evidence, strategy and methods of integrating materials drawn from different disciplines.

360 Library Research Techniques (4)

Prerequisite: LBS 301. Library research techniques; major reference works, principles of problem definition, organization, and style. Prospectus for undergraduate thesis.

454L.P Selected Topics in Liberal Studies (1-4)

Prerequisites: Upper division standing, and others as needed for specific topic. Intensive study of selected topic from interdisciplinary perspective; subjects vary. May be repeated once.

489 Senior Thesis (4)

Prerequisite: LBS 360, senior standing, approval of prospectus for undergraduate thesis. Advanced principles and techniques of interdisciplinary problem solving; supervised thesis.

499 Undergraduate Directed Study (1-4)

Prerequisites: Instructor consent to act as sponsor, approval of coordinator, minimum 2.5 grade point average. Projects must be approved before registration, progress meetings held regularly, and final report submitted. May be repeated for credit.

Courses in Women's Studies (WOMN)**Lower Division Course****200 Introduction to Women's Studies (4)**

Concepts of women's studies; examination of current areas of concern to women.

Upper Division Courses**454 Special Topics in Women's Studies (4)**

Prerequisites: As needed for specific topic. Topics of special interest in women's studies as announced in *Schedule of Classes*. May be repeated to total of 8 units as subject matter changes.

491 Proseminar: Women's Studies (1-4)

Prerequisite: WOMN 200. Topics of special interest in women's studies as announced in *Schedule of Classes*. May be repeated to total of 4 units.

499 Undergraduate Directed Study (1-8)

Prerequisite: Instructor consent to act as sponsor. Project selected in conference with sponsor before registration, progress meetings held regularly, and final report submitted. May be repeated to total of 8 units as subject matter changes.

MUSIC

School of Arts and Letters

DEPARTMENT OFFICE

Music 145
Phone: (213) 343-4060

The Department of Music offers programs leading to the Bachelor of Music, Bachelor of Arts, and Master of Arts degrees. The department also offers a certificate program in Music Recording Arts. Many opportunities are provided for creative performance activities, both for majors and for students pursuing personal development in music along with career preparation in other fields. The Master of Arts degree program is described in the Graduate Programs section.

The Faculty

Emeriti: Gerhard Albersheim, Esther Andreas Anderson, Francis H. Baxter, Robert M. Fowells, Celeste Griffith, Louis A. Hansen, Vernon L. Leidig, Mona Paulee, Inez R. Schubert, Keith D. Snyder, Robert Strassburg, Maurine Timmerman, Maryo Van Deman, Patti W. Schliestett Wiggins.

Professors: David A. Buck, Millie Burnett, H. David Caffey, Elizabeth L. Elrod, William H. Hill, Byong-Kon Kim, Ellen King Kravitz, Richard McComb, Milton Stern, Vito G. Susca, John J. Swain (Chair), Olga Termini, Paul W. Van Ness.

Associate Professors: William L. Belan, Thomas Miyake.

Assistant Professors: Pollyanne Baxter, Jeffrey W. Benedict, James M. Francisco, Irene M. Girton, Peter Terry.

The Undergraduate Program

The undergraduate programs in Music are designed to provide students with a broad, general foundation in the theoretical branches of music, competence in artistic performance, and professional preparation for successful graduate study. The Bachelor of Music degree stresses instrumental, keyboard, or vocal performance. The Bachelor of Arts degree serves students whose primary interest is music history, theory, and literature and those who wish to teach music or to achieve a liberal arts education with an emphasis in music.

Students who wish to major in music are required to audition in their performance area (voice, piano, or other principal instruments), upon entrance, to develop their performance ability, and to appear in at least one student solo or ensemble recital each year. All music majors must demonstrate progress in their major performing area before a faculty jury at the end of each quarter. Those who are not making satisfactory progress are asked to take additional work. Students must present a satisfactory senior recital before being approved for graduation.

The Music Department Handbook contains other policies and regulations, including a concert attendance policy, that pertain to all music majors and minors. It is each student's responsibility to obtain a copy of the handbook and to become familiar with its contents. Failure to comply with policies and regulations outlined in the handbook may affect continued enrollment in the program and/or eligibility for graduation.

Participation in performance organizations is required during the quarters in which students are registered for applied music credit. After large performance requirements are met, that is, choir, chorus, symphony orchestra, or symphonic band, students will,

while receiving applied music credit, select electives from the following MUS courses: 320, 321, 326, 327, 420, 421, 422, 424, 425, 426, 447.

The nature of these groups makes it essential that they maintain a constant personnel.

Students who demonstrate competence in performance and theory above the minimum requirement may earn advanced standing. Lower division students may register for and earn credit in upper division performance courses.

Bachelor of Music Degree

The Bachelor of Music degree curriculum is designed to provide professional training for serious, talented musicians seeking preparation for careers in performance. Students interested in qualifying for entrance into this degree program are required to audition before the faculty committee for their performance area to show potential for professional development as performing musicians. As soon as possible after acceptance, students are assigned to faculty advisers for guidance in planning course work.

Lower division studies build a foundation of musicianship in the following fields: theory (including sight singing, ear training, harmony, counterpoint, composition, form, and analysis) and music literature (including study of composition styles and performance practices in several periods of music history). In addition, a foundation will be built for the development of technical competence in performance.

Upper division studies concentrate on further development of musicianship through individual and group performance, and advanced music theory and literature appropriate to the performance area. One successful recital each during the junior and senior years is required.

Requirements for the Major (105 units)

A total of 198 units is required for the degree, of which 105 are in the major.

Core Program (44 units)

All students complete a required core program of 44 units in Music.

Lower Division Required Courses (16 units):

MUS 170AB Music Literature (2, 2)
MUS 260ABC Music Theory I-III (4, 4, 4)

Students must demonstrate basic proficiency in piano skills or take MUS 243AB before enrolling in 260A.

Upper Division Required Courses (28 units):

MUS 360ABC Theory IV-VI (3, 3, 3)
MUS 362 Orchestration and Arranging (4)
MUS 370-371-372 History of Music in Western Civilization I-III (4, 4, 4)
MUS 380 Beginning Conducting (3)

All entering students must take a functional piano skills placement examination and pass it, or complete MUS 343C (Class Piano Instruction), before being approved for graduation. Those who are deficient in this area should take appropriate additional course work as recommended by their adviser.

Options**• Option I: Keyboard Performance**
(Piano, Organ, or Harpsichord) (61 units)

A total of 61 units is required in this option which emphasizes high standards in performance of solo and ensemble literature. Performance requirements include two solo recitals plus a concerto or other ensemble performance.

Required Courses (22 units):

- MUS 244A Organ Repertory, Technique, and Performance (1)
- MUS 247 Keyboard/Sightreading Ensemble (1, 1, 1)
- MUS 405AB Piano Pedagogy (3, 3)
- MUS 447 Accompanying (2, 2)
- MUS 465 Contemporary Techniques (4)
- MUS 475 History and Literature of Keyboard Music (4)

Select two from following (6 units):

- MUS 460 Composition (3)
- MUS 463 Counterpoint (3)
- MUS 464 Musical Form (3)

Preparation for Required Recitals (18 units):

See course descriptions for limitations on repeatability.

Select from following:

- MUS 145, 245, 345, 445 Piano or Harpsichord (1, 1-2, 2) or
- MUS 146, 246, 346, 446 Organ (1, 1-2, 2)

Performing Organization (10 units):

See course descriptions for limitations on repeatability.

Select from following:

- MUS 320 Symphonic Band (2)
- MUS 321 Symphony Orchestra (2)
- MUS 326 Concert Choir (2)
- MUS 327 Chorus (2)

Electives (5 units):

Select from upper division music courses, with adviser approval.

• Option II: Instrumental Performance (61 units)

A total of 61 units is required in this option, which prepares students for performance in small ensembles and in band or orchestra. Students study the preparation of repertoire and recital programs. Prior to graduation, students prepare and successfully perform a 50-minute recital of solo works from the Baroque, Classic, Romantic, and Contemporary periods.

Required Courses (7 units):

- MUS 473 History and Literature of Symphonic Music (4) or
- MUS 474 History and Literature of Chamber Music (4)
- MUS 481 Instrumental Conducting (3)

Preparation for Required Recitals (18 units):

See course descriptions for limitations on repeatability.

Select from performance specialty area:

- MUS 115-215-315-415 Strings (1, 1-2, 2)
- MUS 116-216-316-416 Woodwinds (1, 1-2, 2)
- MUS 117-217-317-417 Brass (1, 1-2, 2)
- MUS 118-218-318-418 Percussion (1, 1-2, 2)

Performance Area (30 units):

Select courses from each area below, appropriate to instrument of specialization, for a total of 30 units. These courses are repeatable within limits specified in course descriptions.

Instrumental Courses (9 units):

Select from following:

- MUS 312B, P, S, W Orchestral Instruments (3, 3, 3, 3)
- MUS 410B, S, W Orchestral Instruments (3, 3, 3)

Performing Organization (12 units):

- MUS 320 Symphonic Band (2)
- MUS 321 Symphony Orchestra (2)

Ensemble Courses (9 units):

- MUS 420 String Ensemble (1)
- MUS 421AB Woodwind Ensemble (1, 1)
- MUS 422 Brass Ensemble (1)
- MUS 423 Percussion Ensemble (1)
- MUS 424 Jazz Ensemble (1)

Electives (6 units):

Select music courses with adviser approval.

• Option III: Vocal Performance (61 units)

A total of 61 units is required in this option, which prepares students to perform as soloists in choral groups, to perform art songs in the style and manner of the period in which they were written, to demonstrate awareness of poetic song content by translation from at least two foreign languages, and to prepare repertoire and recital programs. Prior to graduation students prepare and successfully perform a 50-minute recital of songs from at least four of the following historical periods: Renaissance, Baroque, Classic, Romantic, Contemporary.

Required Courses (28 units):

- MUS 330 Principles of Applied Vocal Development (3)
- MUS 343 Class Piano Instruction (1)
- MUS 406 Comparative Vocal Techniques (3)
- MUS 425 Chamber Singers (1, 1, 1)
- MUS 426 Opera Repertory, Performance, and Production (2)
- MUS 436 Foreign Language Diction for Singers (2, 2, 2)
- MUS 461 Choral Arranging (3)
- MUS 471 History and Literature of Large Vocal Forms (4) or
- MUS 472 History and Literature of Vocal Solo Music (4)
- MUS 480 Choral Conducting (3)
- MUS 425, 426, and 436 are repeatable with limitations; see course descriptions.

Preparation for Senior Recital (18 units):

See course descriptions for limitations on repeatability.

MUS 135-235-335-435 Voice (1, 1-2, 2)

Performing Organization (12 units):

See course descriptions for limitations on repeatability.

- MUS 326 Concert Choir (2)
- MUS 327 Chorus (2)

Electives (3 units):

Select music courses with adviser approval.

• Option IV: Jazz Studies (61 units)

A total of 61 units is required in this option, which prepares students in jazz performance production, composition, recording, and conducting. Students must successfully complete a Junior Recital (all classical content) and a Senior Project/Recital (all jazz content).

Required Courses (15 units):

- MUS 424 Jazz Ensemble (6)
- MUS 466A Commercial Arranging (3)
- MUS 480 Choral Conducting (3) (Vocalists) or

- MUS 481 Instrumental Conducting (3) (Instrumentalists)
 MUS 483 Analysis of Jazz Styles and Literature (3)

Performing Area (18 units):

See course descriptions for limitations on repeatability.

Select from performance specialty area:

- MUS 115-215-315-415 Strings (1, 1-2, 2)
 MUS 116-216-316-416 Woodwinds (1, 1-2, 2)
 MUS 117-217-317-417 Brass (1, 1-2, 2)
 MUS 118-218-318-418 Percussion (1, 1-2, 2)
 MUS 135-235-335-435 Voice (1, 1-2, 2)
 MUS 145-245-345-445 Piano (1, 1-2, 2)

Select courses from each area below, appropriate to specialization. These courses are repeatable within limits specified in course descriptions.

Instrumental Courses (9 units):

Select from following:

- MUS 312B Brass (3)
 MUS 312P Percussion (3)
 MUS 312S Strings (3)
 MUS 312W Woodwinds (3)

Performing Organization (8 units):

Instrumentalists divide 8 units between:

- MUS 320 Symphonic Band (2) and
 MUS 321 Symphony Orchestra (2)

Vocalists divide 8 units between:

- MUS 326 Concert Choir (2) and
 MUS 327 Chorus (2)

Ensemble Courses (2 units):

Instrumentalists:

- MUS 420 String Ensemble (1)
 MUS 421AB Woodwind Ensemble (1, 1)
 MUS 422 Brass Ensemble (1)
 MUS 423 Percussion Ensemble (1)

Vocalists:

- MUS 425 Chamber Singers (1)

Pianists:

- MUS 447 Accompanying (2)

Electives—select 9 units from following:

- MUS 269AB, 368ABC, 424, 452, 466B, 467, 499

(maximum credit in this course: 6 units; content to center around examination of areas of jazz methods, rehearsal techniques, and literature)

Bachelor of Arts Degree

The Bachelor of Arts degree in Music emphasizes history, theory, composition, and literature of music, with a foundation in performance. Included are courses in keyboard, instrumental, and vocal performance, and conducting, with opportunity for development in one of the areas of specialization as required for the senior recital. Students interested in pursuing a career in teaching must complete the Bachelor of Arts degree along with the additional requirements for the Single Subject credential.

Requirements for the Major (75–76 units)

A total of 186 units is required for the degree, of which 75–76 are in the major. The core requires 51 units; the remaining 24–25 are

allocated to one of the three areas of specialization: Choral Teaching, Instrumental Teaching, or Performance or Composition.

Required Core (51 units):

The 51-unit core consists of 12 units of lower division foundation courses and 39 units of upper division courses:

Lower Division (12 units):

- MUS 260ABC Music Theory I–III (4, 4, 4)

Upper Division (39 units):

- MUS 330 Principles of Applied Vocal Development (3)
 MUS 360ABC Music Theory IV–VI (3, 3, 3)
 MUS 362 Orchestration and Arranging (4)
 MUS 370-371-372 History of Music in Western Civilization I–III (4, 4, 4)
 MUS 380 Beginning Conducting (3)

Select 8 units from the following repeatable courses:

- MUS 320, 321, 326, 327

Piano Proficiency Requirement

All entering students must take a functional piano skills placement examination and pass it, or complete MUS 343C (Class Piano Instruction), before being approved for graduation. Students who are deficient in this area should take appropriate additional course work as recommended by their adviser.

Areas of Specialization

Select one of the following areas of specialization.

• **Choral Teaching (25 units)**

Designed for students with an aptitude in voice or keyboard who wish to become choral conductors. Those who wish to teach in public schools must also complete the requirements for the Single Subject credential. A senior recital is required.

Required Courses (25 units):

- MUS 406 Comparative Vocal Techniques (3)
 MUS 480 Choral Conducting (3)

Select from following applied music courses (4 units):

- MUS 135-235-335-435 Voice (1)
 MUS 145-245-345-445 Piano (1)
 MUS 146-246-346-446 Organ (1)

Select from following (9 units):

- MUS 211BP,S,W Orchestral Instruments (3 each)
 MUS 312BP,S,W Orchestral Instruments (3 each)

Select from following (6 units):

- MUS 403 Training Select Children's Choirs (3)
 MUS 405AB Piano Pedagogy (3, 3)
 MUS 461 Choral Arranging (3)

• **Instrumental Teaching (24 units)**

Designed for students with an aptitude in orchestral or band instruments who wish to become instrumental conductors. Those who wish to teach in public schools must also complete the requirements for the Single Subject credential. A senior recital is required.

Required Courses (24 units):

- MUS 314 Instrumental Music Laboratory (1, 1)
 MUS 407 Practicum in Instrumental Techniques (3)
 MUS 481 Instrumental Conducting (3)

Select from following applied music courses (4 units):

- MUS 115-215-315-415 Strings (1)
 MUS 116-216-316-416 Woodwinds (1)

The Credential Program

The Bachelor of Arts degree program in Music, including the additional requirements for the Single Subject credential, is approved for examination waiver for the Single Subject credential in Music. Students should consult advisers in the department and the School of Education.

Courses in Music (MUS)

Lower Division Courses

115 Strings (1)

Prerequisite: Students admitted by audition only. Instruction in technique, repertoire, literature, and pedagogy for students of violin, viola, cello, bass, classical guitar, and harp. May be repeated to maximum of 3 units.

116 Woodwinds (1)

Prerequisite: Students admitted by audition only. Instruction in technique, repertoire, literature, and pedagogy for students of flute, oboe, bassoon, clarinet, saxophone, and recorder. May be repeated to maximum of 3 units.

117 Brass (1)

Prerequisite: Students admitted by audition only. Instruction in technique, repertoire, literature, and pedagogy for students of trumpet, French horn, trombone, baritone, and tuba. May be repeated to maximum of 3 units.

118 Percussion (1)

Prerequisite: Students admitted by audition only. Instruction in technique, repertoire, literature, and pedagogy for students of snare drum, mallet instruments, multiple percussion, and timpani. May be repeated to maximum of 3 units.

135 Voice (1)

Prerequisite: Students admitted by audition only. Principles and techniques of singing. Development of song repertoire. May be repeated to maximum of 3 units.

145 Piano (1)

Prerequisite: Admission by audition only. Instruction in development of technique and repertoire; performance in a public recital expected. May be repeated to maximum of 3 units.

146 Organ (1)

Prerequisite: Admission by audition only. Instruction in development of technique and repertoire. May be repeated to maximum of 3 units.

147 Keyboard Harmony and Sight Reading (1)

Corequisite: MUS 145. Keyboard harmony and sight reading music on the piano: chord progressions, harmonization, patterns of pitch and rhythmic notation. Activity two hours. May be repeated to maximum of 3 units.

150 Music in World Culture (4)

Cultural role of music within broad humanities framework of visual arts, literature, history, and philosophy.

160 Music Fundamentals (4)

Understanding basic musical elements common to the major world cultures; emphasis on rhythm, melody, harmony, texture, and form.

161 Solfeggio (1)

Prerequisite: MUS 160. Application of techniques of singing musical material at sight. May be repeated to maximum of 3 units.

170AB Music Literature (2, 2)

170A: Representative music literature from Middle Ages through Classical period.

170B: Representative music literature from Romantic period to present.

211 Orchestral Instruments (3 each)

Class instruction in theory and performance of orchestral instruments; ensemble experience provided. Designed for all music majors and minors except those with an instrumental focus. Meets 4 hours weekly.

211BP Brass and Percussion

211S Strings

211W Woodwinds

215 Strings (1)

Prerequisite: MUS 115 or jury examination. Instruction in technique, repertoire, literature, and pedagogy for students of violin, viola, cello, bass, classical guitar, and harp. May be repeated to maximum of 3 units.

216 Woodwinds (1)

Prerequisite: MUS 116 or jury examination. Instruction in technique, repertoire, literature, and pedagogy for students of flute, oboe, clarinet, bassoon, saxophone, and recorder. May be repeated to maximum of 3 units.

217 Brass (1)

Prerequisite: MUS 117 or jury examination. Instruction in technique, repertoire, literature, and pedagogy for students of trumpet, French horn, trombone or baritone, and tuba. May be repeated to maximum of 3 units.

218 Percussion (1)

Prerequisite: MUS 118 or jury examination. Instruction in technique, repertoire, literature, and pedagogy for students of snare drums, mallet instruments, multiple percussion, and timpani. May be repeated to maximum of 3 units.

230 Elementary Voice Instruction (2)

Primarily for students not majoring in music. Technique of voice production, study of song interpretation, emphasis upon recreational singing, some attention to elementary musicianship and remedial problems. Meets 4 hours weekly. May be repeated to maximum of 6 units.

235 Voice (1)

Prerequisite: MUS 135 or jury examination. Principles and techniques of singing. Development of song repertoire. May be repeated to maximum of 3 units.

243ABC Class Piano Instruction (1, 1, 1)

Prerequisite: MUS 160. Development of piano skills: technique harmonization and transposition, score reading, sightreading, and accompaniment. Activity 2 hours.

244ABC Organ Repertory, Technique, and Performance (1, 1, 1)

Prerequisite: MUS 343C. Introduction to organ performance and literature for piano students: basic functional knowledge of registration, pedal, manual technique, and literature for various services.

245 Piano (1)

Prerequisite: MUS 145 or consent of piano faculty by audition. Instruction in development of technique and repertoire; performance in a public recital is expected. May be repeated to maximum of 3 units.

246 Organ (1)

Prerequisite: MUS 146 or jury examination. Instruction in development of technique and repertoire. May be repeated to maximum of 3 units.

247 Keyboard Sightreading/Ensemble (1)

Prerequisite: MUS 145. Development of sightreading skills and ensemble experience on the piano: score reading and reduction technique. May be repeated to total of 6 units.

250 Pop Music in America (4)

Survey of American popular music: rock, blues, soul, country, Broadway, fusion, and salsa. Includes discussion of European and African origins. Lecture-discussion; tapes, videos.

260ABC Music Theory I, II, III (4, 4, 4)

Prerequisites: MUS 160, 243AB. Integrated approach to music theory: sight singing, rhythmic problems, essentials of harmony, counterpoint, form, and keyboard experience emphasized. Meets 5 hours weekly.

261ABC Musicianship IV, V, VI (1, 1, 1)

Prerequisites: MUS 160C, 161C, corequisite: MUS 260C. Sight singing, ear training, keyboard application, and aural analysis correlated with MUS 260ABC. Activity two hours.

264 The Shaping of Music (4)

Human thought and how it shapes creative effort, with music as the point of departure.

265 Composition I (3)

Prerequisites: MUS 160C, 161C. Beginning composition including writing for an unaccompanied orchestral solo instrument and surveying 20th century techniques and styles. May be repeated to maximum of 9 units.

269A Basic Techniques of Sound Recording (2)

Various recording techniques: selection and placement of microphones; operation of mixing boards; equalization, editing, and noise reduction. Meets 3 hours weekly.

269B Intermediate Techniques of Sound Recording (2)

Prerequisite: MUS 269A. Techniques involved in multitrack recording. Maintenance of equipment, application of recording equipment, and recording session procedures. Repeatable to maximum of 6 units. Meets 3 hours weekly.

Upper Division Courses**312 Orchestral Instruments (3)**

Prerequisite: MUS 260ABC. Development of performance proficiencies on orchestral instruments; fingering and acoustics. (For majors with instrumental focus.) Meets 4 hours weekly. Each section may be repeated to maximum of 9 units if different instruments are studied.

312B Brass	312S Strings
312P Percussion	312W Woodwinds

313 Instrumental Pedagogy (3)

Prerequisite: MUS 312. Methods, materials, and techniques related to individualized instruction in woodwinds, brass, percussion, strings, and keyboard instruments; lecture and laboratory experience in teaching. Lecture 2 hours, activity 2 hours.

314 Instrumental Music Laboratory (1)

Prerequisites or corequisites: Two courses in instruments; to include one in woodwinds, brass, or percussion, and one in strings. Basic band and orchestra laboratory experience with emphasis on literature suitable for use in schools. Open to students in other majors. Meets 2 hours weekly. May be repeated to maximum of 6 units.

315 Strings (1 or 2)

Prerequisite: MUS 215 or jury examination. Instruction in technique, repertoire, literature, and pedagogy for students of violin, viola, cello, bass, classical guitar, and harp. Students preparing for B.A. degree enroll for 1 unit; may be repeated to maximum of 3 units. Students preparing for B.M. degree enroll for 2 units; may be repeated to maximum of 6 units.

316 Woodwinds (1 or 2)

Prerequisite: MUS 216 or jury examination. Instruction in technique, repertoire, literature, and pedagogy for students of flute, oboe, clarinet, bassoon, saxophone, and recorder. Students preparing for B.A. degree enroll for 1 unit; may be repeated to maximum of 3 units. Students preparing for B.M. degree enroll for 2 units; may be repeated to maximum of 6 units.

317 Brass (1 or 2)

Prerequisite: MUS 217 or jury examination. Instruction in technique, repertoire, literature, and pedagogy for students of trumpet, French horn, trombone, baritone, and tuba. Students preparing for B.A. degree enroll for 1 unit; may be repeated to maximum of 3 units. Students preparing for B.M. degree enroll for 2 units; may be repeated to maximum of 6 units.

318 Percussion (1 or 2)

Prerequisite: MUS 218 or jury examination. Instruction in technique, repertoire, literature, and pedagogy for students of snare drum, mallet instruments, multiple percussion, and timpani. Students preparing for B.A. degree enroll for 1 unit; may be repeated to maximum of 3 units. Students preparing for B.M. degree enroll for 2 units; may be repeated to maximum of 6 units.

320 Symphonic Band (2)

Prerequisite: Instructor consent. Preparation and performance of standard and contemporary literature of the symphonic band. Meets minimum of 4 hours weekly, 60 hours during quarter. May be repeated to maximum of 24 units.

321 Symphony Orchestra (2)

Prerequisite: Instructor consent. Preparation and performance of standard and contemporary literature of the symphony orchestra. Meets minimum of 4 hours weekly, 60 hours during quarter. May be repeated to maximum of 24 units.

326 Concert Choir (2)

Prerequisite: Instructor consent through audition. Preparation and public performance of standard choral literature and contemporary choral works. Concerts given on and off campus. Meets minimum of 4 hours weekly, 60 hours during quarter. May be repeated to maximum of 24 units.

327 Chorus (2)

Preparation and performance of standard choral literature, primarily in large forms, with accompaniment. Meets minimum of 4 hours weekly, 60 hours during quarter. May be repeated to maximum of 24 units.

328 Vocal Jazz Ensemble (1)

Prerequisite: Faculty consent by audition. Preparation and public performance of standard and contemporary vocal jazz literature. May be repeated to maximum of 12 units.

330 Principles of Applied Vocal Development (3)

Prerequisite: MUS 230 or one year of choral experience. Open to music majors and minors only. Principles of correct vocal production development through lecture and demonstration with laboratory experience in solo singing. Analysis by class members and instructor. Lecture 2 hours, laboratory 2 hours.

335 Voice (1 or 2)

Prerequisite: MUS 235 or jury examination. Principles and techniques of singing. Development of song repertoire. Students preparing for B.A. degree enroll for 1 unit; may be repeated to maximum of 3 units. Students preparing for B.M. degree enroll for 2 units; may be repeated to maximum of 6 units.

343ABC Class Piano Instruction (1, 1, 1)

Prerequisite: MUS 243C. Continuation of technical development from previous study. Emphasis on piano repertoire for individual student development. Activity 2 hours.

344 Functional Piano for Teachers (2)

Prerequisites: MUS 260ABC, 343C; acceptable performance on placement examination or instructor consent. Development of keyboard competency by application of principles of musicianship, including harmonization, transposition, improvisation, score reading, playing by ear, and directing from the piano. Activity 4 hours. May be repeated to maximum of 4 units.

345 Piano (1 or 2)

Prerequisite: MUS 245 or consent of piano faculty by audition. Instruction in development of technique and repertoire. Performance in a public recital expected. Students preparing for B.A. degree enroll for 1 unit; may be repeated to maximum of 3 units. Students preparing for B.M. degree enroll for 2 units; may be repeated to maximum of 6 units.

346 Organ (1 or 2)

Prerequisite: MUS 246 or jury examination. Instruction in development of technique and repertoire. Students preparing for B.A. degree enroll for 1 unit; may be repeated to maximum of 3 units. Students preparing for B.M. degree enroll for 2 units; may be repeated to maximum of 6 units.

351 Music Appreciation (4)

Understanding and enjoying music through study of various musical cultures including those of Western Europe, Latin America, Asia, and Africa. Required attendance at selected concerts.

355 The Creative Aspects of Music (4)

Prerequisite: MUS 160. Development of an awareness of our innate musicality: the natural physical and mental rhythms of everyday life and all the perceptual skills that are related to music.

357 Creative Experiences for Well-Being (4)

(also listed as ART 357, DANC 357, and TA 357)

Prerequisites: HS 150, one GE humanities (arts-C2) course. Exploration of creative experiences in the arts for promotion of mental, emotional, and physical well-being.

360ABC Music Theory IV, V, VI (3, 3, 3)

Prerequisite: MUS 260C. Continued study of materials of music using more complex forms and more difficult techniques and styles. Writing emphasis on student's performing medium. Meets 3 hours weekly.

362 Orchestration and Arranging (4)

Prerequisite: MUS 260C; prior completion of MUS 211 or 312 recommended. Theory of writing for instrumental ensembles, study of orchestral scores, and introduction to symphonic orchestration.

365 Composition II (3)

Prerequisites: MUS 260B, 261B, 265. Original work in composition accompanied by study and analysis of advanced 20th century composition and creative concepts. May be repeated to maximum of 9 units.

368ABC Jazz Improvisation (2, 2, 2)

368A: Prerequisite: MUS 260C. Basic improvisation technique, including scales, chords, simple harmonic progressions, and standard blues literature characteristic of jazz (commercial) idiom. Meets 3 hours weekly.

368B: Prerequisite: MUS 368A. Continuation of development of improvisational techniques with emphasis on standard jazz literature. Meets 3 hours weekly.

368C: Prerequisite: MUS 368B. Continued development of improvisational techniques, composition, and transcription of jazz melodies. Meets 3 hours weekly.

370-371-372 History of Music in Western Civilization I-II-III (4 each)

Prerequisites: One year of music theory for B.A. degree candidate; MUS 170AB and one year of music theory for B.M. degree candidate. Survey of music in general culture, emphasizing evolution of musical style and practice.

370 Middle Ages through Renaissance**371 Baroque through Classical****372 Romantic Period to Present****380 Beginning Conducting (3)**

Prerequisite: MUS 260C. Elements of baton techniques, interpretation, score reading, and rehearsal techniques utilizing suitable choral and instrumental literature. Meets 4 hours weekly.

400 Development of Perception in Musical Arts (4)

Perceptual, expressive, historical, and cultural components associated with musical-aesthetic phenomena. Lecture, demonstrations, and field trips. Meets 5 hours weekly. Lecture 3 hours, activity 2 hours.

401 Music Literature for Children (3)

Prerequisite: MUS 400 or EDSE 421U. Development of a repertoire for children, including songs and guided listening.

403 Training Select Children's Choirs (3)

Prerequisites: MUS 330, 380. Choral techniques as applied to children with vocal ability or interest prior to and during voice change. Arranged visits with school and community children's choir rehearsals. Meets 3 hours weekly.

404 Acoustical Analysis of Instrument Construction (3)

Prerequisite: MUS 312B,S,W. Physical and acoustical principles of musical instrument construction with laboratory experience in evaluation and maintenance of instruments. Meets 4 hours weekly.

405AB Piano Pedagogy (3, 3)

Prerequisite: MUS 345.

405A: Approaches to piano teaching.

405B: Materials for beginning/intermediate piano students; observation of teaching.

406 Comparative Vocal Techniques (3)

Prerequisite: MUS 330. Comparative analysis of theories of vocal production as applied to the child voice, changing voice, and mature voice; study of the literature for each category.

407 Practicum in Instrumental Techniques (3)

Prerequisite: Knowledge of orchestral instruments. Symposium on comparison of ideas and practices relevant to instrumental techniques. Observation and participation in laboratory provided. Lecture 2 hours, activity 2 hours.

408 Analysis of Choral Literature and Performance (3)

Prerequisites: MUS 330, 344, 360C, 480. Period, style, form, and other technical aspects of literature suitable for various types of

435 Voice (1 or 2)

Prerequisite: MUS 335 or jury examination. Principles and techniques of singing. Development of song repertoire. Students preparing for B.A. degree enroll for 1 unit; may be repeated to maximum of 3 units. Students preparing for B.M. degree enroll for 2 units; may be repeated to maximum of 6 units.

436 Foreign Language Diction for Singers (2)

Prerequisite: Instructor consent. Italian, German, and French vocal texts in original language; phonetic pronunciation, comprehension through lectures, listening, speaking, and translation techniques; emphasis on one language each quarter. See *Schedule of Classes* for language emphasis. Lecture 2 hours, laboratory 1 hour. May be repeated to maximum of 6 units.

445 Piano (1 or 2)

Prerequisite: MUS 345 or consent of piano faculty by audition. Instruction in development of technique and repertoire. Performance in a public recital expected. Students preparing for B.A. degree enroll for 1 unit; may be repeated to maximum of 3 units. Students preparing for B.M. degree enroll for 2 units; may be repeated to maximum of 6 units.

446 Organ (1 or 2)

Prerequisite: MUS 346 or jury examination. Instruction in development of technique and repertoire. Students preparing for B.A. degree enroll for 1 unit; may be repeated to maximum of 3 units. Students preparing for B.M. degree enroll for 2 units; may be repeated to maximum of 6 units.

447 Accompanying (2)

Prerequisite: Instructor consent. Training in performance styles of different periods and combinations of performers and in the specific tasks of accompanying. Practical experience through guided performance with vocalists and instrumentalists. Meets 4 hours weekly. May be repeated to maximum of 6 units.

450 History of American Music (4)

Prerequisite: MUS 150 or 351 or AMER 401. Historical survey of music in the U.S. from early colonial times to present.

451 Contemporary American Music (4)

Prerequisite: MUS 150 or 351 or AMER 401. Approaches to understanding and enjoyment of twentieth century music.

452 History of Jazz (4)

Nature and processes of jazz with concentration on its historical background and development in the U.S., and its resultant impact on culture and music worldwide.

454L,P Special Topics in Music (1-4)

Prerequisites: Upper division standing; specific prerequisites subject to course content. Selected topics reflecting specific issues, problems, and interests in music, as announced in *Schedule of Classes*. May be repeated to maximum of 12 units as subject matter changes.

455 The Creative Genius in Art and Music(4)

(also listed as ART 455)

Great artists and musicians throughout history; their philosophy, innovations, accomplishments, and effects on culture and history.

456 Nature, Environment, and the Arts (4)

(also listed as ART 456)

Human attitudes toward the natural environment as revealed in the visual arts and music. Analysis and interpretation of examples from various periods and cultures.

457 Music of China, Korea, and Japan (4)

Prerequisites: Instructor consent, upper division standing in music or program with emphasis on Asian culture. Development of music of China, Korea, and Japan, from earliest period to present.

458 Music of Latin America (4)

Prerequisite: MUS 150 or 351. Development of understanding of and appreciation for music of Latin America; examination of representative works from folk and art music of the twenty republics.

460 Composition (3)

Prerequisites: MUS 360C, 362. Writing for small instrumental and/or vocal ensembles. May be repeated to maximum of 18 units.

461 Choral Arranging (3)

Prerequisite: MUS 360C. Writing and arranging for vocal groups, problems in arranging for the usual school groups, and creative arranging in smaller vocal forms.

462 Advanced Orchestration and Arranging (3)

Prerequisite: MUS 362. Survey of techniques necessary for orchestrating compositions for symphonic band and symphony orchestra; special attention given to problems encountered in public school bands and orchestras.

463 Counterpoint (3)

Prerequisite: MUS 260C. Eighteenth century contrapuntal techniques, including some work in the species; invertible counterpoint, motive development, two- and three-part inventions, and the fugue.

464 Musical Form (3)

Prerequisite: MUS 260C. Analytic techniques for study of balance in organization of musical material.

465 Contemporary Techniques (4)

Prerequisite: MUS 360C. Techniques used in contemporary composition.

466A Commercial Arranging (3)

Prerequisites: MUS 360C, 362. Basic arranging techniques, including commercial harmonization, voicings, passing chords, and practical writing experience.

466B Commercial Arranging, Advanced (3)

Prerequisite: MUS 466A. Advanced arranging techniques for various commercial orchestral requirements. Practical use of extended forms, woodwind doublings, unusual meters. May be repeated to maximum of 9 units.

467 Music Composition for Television and Films (3)

Prerequisites: MUS 360C, 362. Techniques used in composing music for television and film productions; practical writing experience.

468 Jazz Pedagogy (3)

Prerequisite: MUS 368C. Techniques and materials for teaching jazz improvisation, jazz arranging, jazz history, and jazz ensemble.

469 Techniques of Electronic Music (3)

Prerequisite: At least one quarter of MUS 460. Composing for electronic media; recording, synthesis, notation, sound resources. Study of aesthetics of composition for electronic sounds. Lecture 2 hours, activity 2 hours.

470 History and Literature of Opera (4)

Prerequisites: MUS 370-372. Development of opera from Baroque to present; discussion and analysis of representative opera texts and scores with emphasis on visual experience.

471 History and Literature of Large Vocal Forms (4)

Prerequisites: MUS 370-372. Development of large vocal forms from Baroque to present; discussion and analysis of representative works including masses, cantatas, and oratorios.

472 History and Literature of Vocal Solo Music (4)

Prerequisites: MUS 370-372. Development of solo song from Baroque to present; discussion and analysis of representative art songs and vocal chamber music.

473 History and Literature of Symphonic Music (4)

Prerequisites: MUS 370-372. Development of symphonic music from pre-classicism to present; discussion and analysis of representative orchestral scores.

474 History and Literature of Chamber Music (4)

Prerequisites: MUS 370-372. Development of instrumental chamber music from Renaissance to present; discussion and analysis of representative works.

475 History and Literature of Keyboard Music (4)

Prerequisites: MUS 370-372. Development of keyboard music from Renaissance to present; discussion and analysis of representative works for keyboard instruments including harpsichord, organ, and piano.

477 History and Literature of Wind Band in U.S. (4)

Prerequisites: MUS 370-372. History of wind band in U.S.; emphasis on twentieth century literature.

480 Choral Conducting (3)

Prerequisite: MUS 380. Application of basic conducting techniques to problems of choral conducting. May be repeated to maximum of 9 units. Meets 4 hours weekly.

481 Instrumental Conducting (3)

Prerequisite: MUS 380; 312 recommended. Experience offered in transposition, score reading, baton technique, and interpretation of symphonic literature; recognition of psychologically sound rehearsal procedure. Conducting rehearsal orchestra is integral part of course. Meets 4 hours weekly.

482 Rehearsal Techniques for Band Directors (4)

Prerequisites: MUS 312B, P, W; experience in the field. Systematic examination of specific rehearsal techniques applicable to amateur performers in school situations. Includes rehearsal preparation and literature for marching and symphonic bands.

483 Analysis of Jazz Styles and Literature (3)

Prerequisites: MUS 360C, 368C, 452. Survey of significant jazz composers, their contributions and performance practices; analyses of representative compositions and improvisations.

485 Chamber Music (2)

Prerequisite: 300-level applied music course. Study and performance of selected works from the duo, trio, quartet, or larger chamber ensemble literature. Activity four hours. May be repeated to maximum of 6 units.

490 Music for Early Childhood (4)

Prerequisites: EDFN 413, CHDV/FSCS 320, PSY 412A. Music activities suitable for the young child. Includes five field trips for observation of children in preschool or kindergarten and primary situations. May not be taken in lieu of MUS 400.

491 Music as Therapy in Human Development (4)

Exploration of music and movement as vehicles for therapy, including activities designed to promote a sense of health and well-being for disabled children and adults.

492 Musical Creativity for Children (4)

Prerequisite: MUS 400 or 490. Use of Orff-Schulwerk method to develop creativity in children through singing, movement, instruments, and language. Lecture 3 hours, activity 2 hours.

497 Research Techniques in Music (2)

Basic bibliography, survey of literature, methods of research in music and music education, and practice in organizing and reporting data, both oral and written.

499 Undergraduate Directed Study (1-4)

Prerequisite: Consent of an instructor to act as sponsor. Project selected in conference with sponsor before registration; progress meetings held regularly, and a final report submitted. May be repeated for credit.

PHILOSOPHY

School of Arts and Letters

DEPARTMENT OFFICE

Engineering and Technology A429

Phone: (213) 343-4180

The programs of study in Philosophy are intended to provide students with principles of inquiry and evaluation relevant to the various areas of human activity, such as science, law, religion, government, and art; to develop in them skills of analysis, criticism, and synthesis needed for advanced work in any scholarly field; and to acquaint them with noteworthy contributions by philosophers to intellectual traditions.

A minor in Philosophy is available for students majoring in other fields.

An interdisciplinary minor in Classics is administered by the Department of Philosophy. The faculty is provided by cooperating departments of the School of Arts and Letters and the School of Natural and Social Sciences.

The graduate program is described in the Graduate Programs section.

The Faculty

Emeriti: Sidney P. Albert, James B. Wilson.

Professors: Sharon Bishop, Donald Burrill (*Chair*), Ann Garry, Ricardo J. Gómez, Joseph B. Prabhu, George R. Vick.

Associate Professors: Thomas Annese, Daniel A. Herwitz, Henry R. Mendell.

Bachelor of Arts Degree

The Bachelor of Arts degree in Philosophy is suited to the needs of three groups of students: those seeking a broad and integrated liberal education; those interested in careers in law, government, education, publishing, theology, or the ministry; and those planning to do graduate work in philosophy with an aim of teaching at the college level.

Requirements for the Major (60 units)

A total of 60 quarter units in philosophy is required for the major, including at least 44 units in upper division courses.

Lower Division Required Courses (8 units):

PHIL 151 Philosophical Ideas: Knowledge and Reality (4)

PHIL 250 Introduction to Symbolic Logic (4)

Upper Division Required Courses (16 units):

PHIL 304 Ethics (4)

PHIL 311 History of Ancient Philosophy (4)

PHIL 313 History of Modern Philosophy (4)

PHIL 496 Philosophical Writing and Method (4)

Electives (16 units):

Select one from following:

PHIL 410 Social and Political Philosophy (4)

PHIL 420 Contemporary Ethical Theory (4)

PHIL 475 Aesthetics (4)

Select one from following:

PHIL 452 Medieval Philosophy (4)

PHIL 459 Major Figures in Modern Philosophy (4)

PHIL 459 Recent Philosophy (4)

Select at least two from following including at least one from 405, 460, 470:

PHIL 404 Inductive Logic (4)

PHIL 405 Symbolic Logic (4)

PHIL 406 Advanced Logic (4)

PHIL 460 Metaphysics (4)

PHIL 470 Theory of Knowledge (4)

PHIL 480 Philosophy of Language (4)

PHIL 485 Philosophy of Science (4)

Additional Electives (20 units):

Select philosophy courses with adviser approval.

Minor in Classics

The minor in Classics is an interdisciplinary program that provides students with an understanding of the culture of ancient Greece and Rome. In conjunction with a major program in anthropology, art history, English, history, philosophy, or political science, the Classics minor will prepare students for graduate study in the major field. Alternatively, the Classics program can serve as a means of enriching one's experience and achieving a fuller understanding of contemporary Western culture.

The minor consists of 28 units, of which 4 are required in Classics and 24 are selected from the five areas listed below. Courses chosen must include at least one from each of three different areas. Prior approval must be obtained from the adviser for selected topics and directed study courses. No more than 8 units taken for credit in the student's major program can be used to meet requirements for the minor. Each student's program must be approved by the director and principal adviser of the Classics program.

Requirements for the Minor (28 units)

Core course (4 units):

CLAS 300 Origins of Classical Thought (4)

• Area I: Anthropology and Art

ANTH 425 Archaeology of the Old World (4)

ART 406 Ancient Near Eastern Art and Archaeology (4)

ART 411 Greek and Roman Art (4)

ART 476 Early Christian and Byzantine Art (4)

• Area II: Mythology, Literature, and Rhetorical Theory

ENGL 258 Mythology in Literature (4) (when classical)

ENGL 354 Selected Topics in Literature (4) (when classical)

ENGL 424 Greek and Roman Drama in Translation (4)

ENGL 480 Literature and the Fine Arts, B.C. (4)

ENGL 481 Literature and the Fine Arts, A.D. (4)

ENGL 497 Special Studies in World Writers in

Translation (1-4) (when classical)

SPCH 454 Selected Studies in Speech

Communication (1-4) (when classical)

TA 460 Studies in Selected Dramatists (1-4) (when classical)

• Area III: History and Political Theory

HIST 400A History of Science: Antiquity to Renaissance (4)

HIST 410 Ancient Near East: 4000-323 B.C. (4)

HIST 411 History of Ancient Greece (4)

HIST 412A Early Rome, The Republic (4)

- HIST 412B The Roman Empire (4)
 HIST 413 Greek History: The Alexandrian Age (4)
 POLS 410 Classical Political Theory (4)

• **Area IV: Philosophy**

- PHIL 311 History of Ancient Philosophy (4)
 PHIL 450 Plato (4)
 PHIL 451 Aristotle (4)
 PHIL 474 Philosophy in Literature (4) (when classical)

• **Area V: Languages**

- LATN 100ABC Elementary Latin (4, 4, 4)

Greek (through directed study in any of those departments associated with this minor whose faculty are qualified to direct such study).

Directed study or independent study about a selected classical figure or topic is also available from each department associated with this minor program.

Minor in Philosophy

A total of 32 units is required, including at least 24 units in upper division courses.

Requirements for the Minor (32 units)

Lower Division Required Courses (8 units):

- PHIL 151 Philosophical Ideas: Knowledge and Reality (4) or
 PHIL 152 Philosophical Ideas: Human Values (4)
 PHIL 250 Introduction to Symbolic Logic (4)

Upper Division Required Courses (12 units):

- PHIL 304 Ethics (4)
 PHIL 311 History of Ancient Philosophy (4)
 PHIL 313 History of Modern Philosophy (4)

Electives (select 12 philosophy units with adviser approval):

The Credential Program

Under state legislation governing certification of teachers, there is no teaching credential specifically available to students with a Bachelor of Arts degree in Philosophy. Students interested in combining a major in philosophy with an approved credential program should consult advisers in the department and the School of Education.

Course in Classics (CLAS)

Upper Division Course

- 300 Origins of Classical Thought (4)

Beginnings of classical culture in ancient Greece; analysis of early classical conception of art, sciences, technology, politics, philosophy, and religion; emphasis on role of basic concepts in shaping Greek and Roman civilization.

Courses in Philosophy (PHIL)

Lower Division Courses

- 151 Philosophical Ideas: Knowledge and Reality (4)
 An examination of major philosophical views concerning reality, knowledge and belief, and human nature. **CAN PHIL 2**
- 152 Philosophical Ideas: Human Values (4)
 An examination of major philosophical views concerning human values, our capacity to know them, and their relation to reality.

160 Critical Thinking (4)

Critical analysis of informal argumentation in everyday language; informal fallacies, valid and invalid argument forms, principles of the syllogism, rudiments of scientific method.

220 Contemporary Moral Problems (4)

Philosophical examination of some principles and arguments that occur in contemporary discussions of personal morality and social practice.

238 Comparative Religions (4)

Comparative study of world's living religions: Buddhism, Confucianism, Judaism, Christianity, Islam, and others. Concepts of deity, immortality of the soul, methods of salvation, and influence of environment and culture upon these beliefs.

250 Introduction to Symbolic Logic (4)

Introduction to modern symbolic logic and its relation to everyday language; methods of establishing the logical content of statements and the validity or invalidity of arguments. **CAN PHIL 6**

Upper Division Courses

304 Ethics I (4)

Analysis of empirical and normative factors involved in choice, types of ethical theory, nature of moral standards and judgments.

311 History of Ancient Philosophy (4)

Development of philosophical thought from pre-Socratics to Plotinus; principal thinkers, major problems, and dominant trends in Western thought.

313 History of Modern Philosophy (4)

Prerequisite: One PHIL course. Development of philosophical thought from the Renaissance to Kant; principal thinkers, major problems, and dominant trends in Western thought.

321 Ancient Thought and its Modern Legacy (4)

Prerequisite: Upper division standing. Major themes in classical thought and their ongoing influence, for example, the development of self-consciousness, the concepts of rationality and scientific method, human values and the meaning of life.

350 Evolution and the Modern World (4)

(also listed as ART 350, ENGL 350, and HIST 350)

Prerequisite: GE humanities requirement. History of the idea of evolution from antiquity to the present and its impact on the culture of the 20th century.

354 Special Topics in Philosophy (1-6)

Prerequisite: As needed for specific topic. Topics of special interest in philosophy as announced in *Schedule of Classes*. May be repeated for credit as subject matter changes.

383 Themes of Adult Life in Philosophy and Literature (4)

(also listed as ENGL 383 and FL 383)

Prerequisite: GE humanities requirement. Meaning of selected experiences of adult life, for example, initiation and coming of age; self-actualization and responsibility; love and intimacy; parenthood; change in middle years; death and dying.

404 Inductive Logic (4)

Prerequisite: PHIL 250. Analysis of induction and probability in everyday affairs and in science, systematic development of inductive logic, elements of the probability calculus and applications, philosophical issues in inductive logic.

405 Symbolic Logic (4)

Prerequisite: PHIL 250. Logic and language, nature of argument, meaning and truth, propositional calculus, and predicate calculus.

406 Advanced Logic (4)

Prerequisite: PHIL 405. Selected topics in logic; e.g., identity, definite descriptions, foundations of mathematics, metalogic, philosophical logic, as announced in *Schedule of Classes*. May be repeated as content changes.

407 Philosophy and Artificial Intelligence (4)

Philosophical investigation of computational technology, and the relation of the structure and operation of computers to human thought.

410 Social and Political Philosophy (4)

Prerequisite: One PHIL course. Philosophical foundations of social and political thought; analysis of such concepts as state, law, obligation, and sanction, and their relation to issues in metaphysics, theory of knowledge, and ethics.

412 Philosophy and Sex Roles (4)

Prerequisite: One PHIL GE course. Philosophical analysis of concepts and principles relevant to gender, for example, the "nature" of men and women, love, friendship, justice, equality, liberty, and rights.

415 Philosophy of Religion (4)

Prerequisite: One PHIL course. Systematic approach to issues of noteworthy religious significance, such as eternity, faith, worship, the holy, with aim of distinguishing religion from other modes of human experience.

418 Religion, Traditional Values, and Modernization in the Third World (4)

Prerequisite: GE humanities requirement. A philosophical investigation of the interaction of tradition and modernity in the development of the Third World.

420 Ethics II (4)

Prerequisite: PHIL 304. Contemporary meta-ethical theories, analyses of concept of good, analyses of concept of obligation, validation of moral statements, ethical relativism, praise and blame, moral responsibility.

425 Philosophy of History (4)

Prerequisite: One PHIL course. Philosophical study of Western historical writing and thought, nature of historical knowledge, historical explanation, history and values, meaning of history.

430 American Philosophy (4)

Prerequisite: One PHIL course. Major movements of thought and principal thinkers in America from colonial times to 20th century; relationships of American philosophy to European intellectual currents; influence and effect of dominant doctrines on American life and outlook.

433 Latin American Philosophy (4)

Prerequisite: One PHIL course. Philosophical thought in Latin America with emphasis on contemporary philosophers, especially those of Mexico and Argentina.

435 Eastern Philosophy (4)

Prerequisite: One PHIL course. Indian philosophy; Jainism, Buddhism, and Tantra. Philosophy of China and Japan; Confucianism, Taoism, Buddhism, Shintoism, and related modern movements. May be repeated once as content changes.

440 Contemporary Philosophy (4)

Prerequisite: One PHIL course. Major problems and trends in 20th century philosophy.

445 Existentialism (4)

Prerequisite: One PHIL course. Major works of existential philosophy; relation of existentialism to contemporary value

problems; 19th century background and contemporary varieties of existential thought, both religious and nonreligious.

446 Phenomenology (4)

Prerequisite: One PHIL course. Descriptive and constitutive methodologies of phenomenology; application of phenomenological method to problems in ontology, aesthetics, language, psychology, and social theory.

450 Plato (4)

Prerequisite: PHIL 311. Exposition and analysis of principal works of Plato.

451 Aristotle (4)

Prerequisite: PHIL 311. Exposition and analysis of principal works of Aristotle.

452 Medieval Philosophy (4)

Principal themes in neo-Platonic and/or neo-Aristotelian philosophy, with concentration on teachings of particular figures, e.g., Plotinus, Augustine, Pseudo-Dionysius, Anselm, Bonaventure, Aquinas, Duns Scotus, Ockham.

458 Major Figures in Modern Philosophy (4)

Selected philosophers in the modern era: e.g., Descartes, Hobbes, Spinoza, Locke, Berkeley, Hume, Rousseau, and Kant. Specific topic listed in *Schedule of Classes*. May be repeated as content changes.

459 Recent Philosophy (4)

Prerequisite: One PHIL course; PHIL 313 recommended. Selected philosophical themes from Kant to late 19th century; contributions of selected philosophers, e.g.: Kant, Hegel, Marx, Nietzsche, Kierkegaard, Comte, and Mill.

460 Metaphysics (4)

Prerequisite: One PHIL course. Critical examination of fundamental principles and their implications in various fields of knowledge, including philosophy itself, and of basic assumptions implicit in certain human activities, such as art, religion, and science.

461 Philosophy and the Nuclear Age

Prerequisite: Upper division standing. The implications of nuclear physics on our way of understanding the world, ourselves, and our values and responsibilities.

470 Theory of Knowledge (4)

Prerequisite: One PHIL course. Analysis of how we know, and how we know we know; theories of evidence, truth, and confirmation.

471 Philosophy of Mind (4)

Prerequisite: One PHIL course. Philosophical analysis of concepts of mind, mental phenomena, actions, emotions, and will; philosophical theories of mind.

474 Philosophy in Literature (4)

Philosophical ideas and issues in selected literary works.

475 Aesthetics (4)

Prerequisite: One PHIL course. Main problems and principal theories of art creation, appreciation, and criticism; aesthetic experience and the work of art; principles of aesthetic evaluation and their effect on morality, government, society, science, and philosophy.

480 Philosophy of Language (4)

Prerequisite: PHIL 250, one additional PHIL course. Semantic, syntactic, and pragmatic dimensions of language; theories of signs and meaning; cognitive, emotive, and other features of language; ordinary language and formal language as analytical tools; philosophical importance of language.

485 Philosophy of Science (4)

Prerequisite: PHIL 250 or upper division standing in any major. Philosophical issues in the physical, life, and social sciences. Problems selected for study may include: concept formation, hypotheses and models, meaning and verification, prediction and explanation, causality and natural law.

490 Philosophy of Law (4)

Prerequisite: One PHIL course. Philosophical investigation of fundamental presuppositions of legal theory, analysis of basic legal concepts.

491 Medical Ethics (4)

Prerequisite: One PHIL GE course or GE humanities requirement. Consideration of moral issues in medicine from a philosophical viewpoint.

495 Proseminar: Selected Works in Philosophy (4)

Prerequisite: Varies according to subject matter. Close study of major philosophical writings, stressing meaning, methods of inquiry, and grounds upon which argued. Content varies. May be repeated for credit as subject matter changes.

496 Philosophical Writing and Method (4)

Prerequisite: ENGL 190; passing WPE score recommended. Principles and techniques important in philosophical writing; examination of philosophical methodology and styles of argumentation; practice in philosophical writing.

499 Undergraduate Directed Study (1-4)

Prerequisite: Consent of an instructor to act as sponsor; ability to assume responsibility for independent work and to prepare written and oral reports. Project selected in conference with sponsor before registration; progress meetings held regularly. May be repeated for credit.

THEATRE ARTS AND DANCE

School of Arts and Letters

DEPARTMENT OFFICE

Theatre 110
Phone: (213) 343-4110

The Department of Theatre Arts and Dance offers undergraduate programs leading to the Bachelor of Arts degree in Theatre Arts, as well as a minor in Theatre Arts for students majoring in other fields. The Theatre Arts major includes an option in Dance and courses offered include Orchestration, the dance performing ensemble. The department also offers a Master of Arts degree in Theatre Arts which is described in the Graduate Programs section.

The Faculty

Emeriti: Walter S. Beaver, Louis G. Gardema, Marjorie M. Smith.

Professors: Pamela Barragar-Dunne, Lawrence P. Goodman, Georgia Gresham, Clifford D. Harper (*Chair*), Maris U. Ubans.

Associate Professors: Linda I. Kostalik-Boussom, Nancy Kupka, John Pasqualetti.

Assistant Professors: José Cruz González, Grace Shizuko Herrera, Theresa Larkin, Susan Mason.

Bachelor of Arts Degree in Theatre Arts

The Bachelor of Arts degree in Theatre Arts is designed for students who plan to engage in professional work on the stage, screen, or television, or in careers in which skill in theatre arts and dance is essential.

Department policy requires that all undergraduate Theatre Arts majors make themselves available for participation in scheduled department productions.

Requirements for the Major (78-85 units)

The major requires a total of 78-85 units, including core and option requirements. The Acting-Directing, Theatre History and Literature, and Technical Theatre options share a common core of 51 units. The Dance option has a separate core and requires a total of 85 units. In addition to course requirements, all Theatre Arts majors must enroll in 2 units of TA 300 each quarter they enroll for two or more TA courses (except 152 or 357). Concurrent enrollment in TA 300 and TA 310 is required of students who are cast in major department productions.

Core Requirements (51 units):

Lower Division Required Courses (26 units):

- TA 131 Stagecraft I (3)
- TA 132 Stagecraft II (3)
- TA 133 Stagecraft III (3)
- TA 141 Acting Fundamentals: Games and Exercises (3)
- TA 142 Acting Fundamentals: Character Study (3)
- TA 143 Acting Fundamentals: Scene Study (3)
- TA 149 Diction and Dialects for Performer (4)
- TA 152 Analysis of Drama (4)

Upper Division Required Courses (25 units):

- TA 311 Development of World Theatre I (4)
- TA 312 Development of World Theatre II (4)
- TA 313 Development of American Theatre (4)
- TA 322 Theatrical Makeup (3)
- TA 390 Theatre Research and Writing (4)

- TA 439 Theatre Management (3)
- TA 445 Principles of Directing I (3)

Options

Select one of the following options, with adviser approval.

• Acting-Directing Option (27 units)

Required Courses (16 units):

- TA 341 Advanced Acting: Improvisation (3)
- TA 342 Advanced Acting: Characterization (3)
- TA 343 Advanced Acting: Playing a Role (3)
- TA 348 Movement for the Actor (2)
- TA 349 Voice for the Stage (2)
- TA 446 Principles of Directing II (3)

Electives (11 units):

Select two from following:

- TA 301, 306, 460-476, 485

Select one from following:

- TA 426, 431, 434

• Technical Theatre Option (26-27 units)

Required Courses (9 units):

- TA 426 Introduction to Stage Costuming (3)
- TA 431 Introduction to Stage Scenery (3)
- TA 434 Introduction to Stage Lighting (3)

Electives (17-18 units):

Select two from following (8 units):

- TA 301, 306, 460-463, 471, 472, 485

Select three from following (9-10 units):

- TA 422, 427, 432, 435, 454LP

• Theatre History and Literature Option (30-31 units)

Required Courses (20 units):

- TA 460 Studies in Selected Dramatists (4)
- TA 461 Nature of Dramatic Comedy (4)
- TA 462 Nature of Dramatic Tragedy (4)
- TA 463 Shakespeare as Living Theatre (4)
- TA 471 Theatre of the Avant-Garde (4)

Electives (10-11 units):

Select one from following (3-4 units):

- TA 301, 306, 341, 454LP, 472, 476, 485

Select one from following (3 units):

- TA 426, 431, 434

Select one from following (4 units):

- ENGL 417, 424, 427, 428

• Dance Option (85 units)

The Dance option does not share the common core with the other three options in Theatre Arts. It utilizes a separate, 27-unit core and includes a total of 85 units.

This option was designed to prepare dance specialists for careers as professional dancers, choreographers, teachers of all dance

forms, dance arts managers, costuming and stage technicians, lighting designers, or directors of video for dance and recreation leaders; and to offer a solid foundation and practice for all Theatre Arts majors in the various dance forms necessary for careers in musical theatre. Course offerings in dance therapy prepare students for careers working with handicapped populations.

Core Requirements (27 units):

Lower Division Required Courses (13 units):

- TA 131, 132 Stagecraft I, II (3, 3)
TA 141 Acting Fundamentals: Games and Exercises (3)
TA 152 Analysis of Drama (4)

Upper Division Required Courses (14 units):

- TA 313 Development of American Theatre (4)
TA 322 Theatrical Make-up (3)
TA 390 Theatre Research and Writing (4)
TA 439 Theatre Management (3)

Option Requirements (58 units)

Lower Division Required Courses (9 units):

- DANC 100 Beginning Ballet (2)
DANC 130 Beginning Dance Improvisation (1)
DANC 140 Beginning Modern Dance (2)
DANC 157 Survey of Dance Forms (4)

Upper Division Required Courses (39 units):

- DANC 340 Advanced Modern Dance (2)
DANC 372 Dance Composition (2)
DANC 471 Rhythmic Form and Analysis for Dance (3)
DANC 472 Choreography (3)
DANC 474 Dance Philosophy (3)
DANC 475 Choreographic Accompaniment (3)
DANC 476 Dance History: Primitive to 19th Century (3)
DANC 477 Dance History: 20th Century (3)
DANC 480 Orchestral-Dance Performing Ensemble (2, 2, 2)
DANC 485 Dance Production (3)
PE 400A Kinesiology (4)
PE 400B Physiology of Activity (4)

Electives in Dance (select 6 units from following):

- DANC 120 Beginning Jazz Dance (2)
DANC 160 Beginning Tap Dance (2)
DANC 200 Intermediate Ballet (2)
DANC 220 Intermediate Jazz Dance (2)
DANC 240 Intermediate Modern Dance (2)
DANC 260 Intermediate Tap Dance (2)
DANC 300 Advanced Ballet (2)
DANC 320 Advanced Jazz Dance (2)
DANC 470 Theory and Analysis of Dance (3)
DANC 478 Choreography for the Camera (3)
DANC 483 Dance Performance Workshop (2) or

select six units in dance courses with adviser approval.

Electives in Theatre Arts/Dance (4 units):

Select with adviser approval.

Minor in Theatre Arts

This program is suggested for students in allied arts, music, and recreation and students whose career objectives include interpersonal relationships in a humanistic context. A total of 31-32 units is required.

Requirements for the Minor (31-32 units)

Lower Division Required Courses (13 units):

- TA 131 Stagecraft I (3)
TA 132 Stagecraft II (3)
TA 141 Acting Fundamentals: Games and Exercises (3)
TA 152 Analysis of Drama (4)

Upper Division Required Courses (12 units):

- TA 311 Development of World Theatre I (4)
TA 312 Development of World Theatre II (4)
TA 313 Development of American Theatre (4)

Electives (6-7 units):

Select one from following:

- TA 445, 454L, P, 460, 461, 462, 472

Select one from following:

- TA 322, 426, 431, 434

The Credential Program

The Department of Theatre Arts and Dance has no examination waiver program for the Single Subject credential in English approved by the Commission on Teacher Credentialing. Students interested in this credential should consult advisers in the Departments of English or Communication Studies and in the School of Education.

Courses in Dance (DANC)

Lower Division Courses

100 Beginning Ballet (2)

Activities designed to develop beginning skills in ballet accompanied by background information relevant to the dance form. May be repeated to maximum of 6 units.

120 Beginning Jazz Dance (2)

Activities designed to develop beginning skills in jazz dance accompanied by background information relevant to the dance form. May be repeated to maximum of 6 units.

130 Beginning Dance Improvisation (1)

Improvisational techniques utilizing movements of dance to develop individual/group sensitivities, concentration, selectivities, and discoveries and to begin the forming process used in creating dances. May be repeated to maximum of 3 units.

135 Therapeutic Uses of Dance (1)

Dance therapy as a process that affects an individual's transformation of ongoing energy flow to overt body movement to imagery to verbalization. May be repeated to maximum of three units.

140 Beginning Modern Dance (2)

Activities designed to develop beginning skills in modern dance accompanied by background information relevant to the dance form. May be repeated to maximum of 6 units.

154 Special Topics in Dance (1)

Current topics of special interest in dance, as announced in *Schedule of Classes*. May be repeated as subject matter's changes.

157 Survey of Dance Forms (4)

Analysis of the historical and technical development of dance forms as they cultivate imagination and sensitivity to humanistic behavior. Participation in activities demonstrating techniques utilized in these forms.

160 Beginning Tap Dance (2)

Activities designed to develop beginning skills in tap accompanied by background information relevant to the dance form. May be repeated to maximum of 6 units.

180 Dance Laboratory (1)

Creative and physical activities designed to augment advanced level technique classes. May be repeated to maximum of 6 units.

200 Intermediate Ballet (2)

Prerequisite: DANC 100. Activities designed to develop intermediate skills in ballet accompanied by background information relevant to the dance form. May be repeated to maximum of 6 units.

220 Intermediate Jazz Dance (2)

Prerequisite: DANC 120. Activities designed to develop intermediate skills in jazz dance accompanied by background information relevant to the dance form. May be repeated to maximum of 6 units.

240 Intermediate Modern Dance (2)

Prerequisite: DANC 140. Activities designed to develop intermediate skills in modern dance accompanied by background information relevant to the dance form. May be repeated to maximum of 6 units.

254L,P Special Topics in Dance (1-3)

Current topics of special interest in dance, as announced in *Schedule of Classes*. May be repeated as subject matter changes.

260 Intermediate Tap Dance (2)

Prerequisite: DANC 160. Techniques and practice of tap dance; single, duple, triple, and quadruple tap sounds combined in rhythmic sequences and developed into dances. May be repeated to maximum of 6 units.

Upper Division Courses**300 Advanced Ballet (2)**

Prerequisite: DANC 200; corequisite: DANC 180 (specific lab to be designated each quarter). Expanded development of skill and knowledge of ballet. May be repeated to maximum of 6 units.

320 Advanced Jazz Dance (2)

Prerequisite: DANC 120; corequisite: DANC 180 (specific lab to be designated each quarter). Expanded development of skills, knowledge, analysis ability, and study of application of elements of jazz dance in solo and group work. May be repeated to maximum of 6 units.

340 Advanced Modern Dance (2)

Prerequisite: DANC 240; corequisite: DANC 180 (Specific lab to be designated each quarter). Expanded development of skill and knowledge of modern dance. May be repeated to maximum of 6 units.

357 Creative Experiences for Well-Being (4)

(also listed as ART 357, MUS 357, and TA 357)

Prerequisites: HS 150 and one GE humanities (arts-C2) course. Exploration of creative experiences in the arts for promotion of mental, emotional, and physical well-being.

372 Dance Composition (2)

Prerequisite or corequisite: DANC 300, 320, or 340. Introduction to principles of dance composition through individual experiences, studies in use of varied stimuli, processes of construction, and simple compositional forms.

400 Development of Dance Arts Literacy (4)

Perceptual, expressive, historical, and cultural components associated with dance-aesthetic phenomena; lectures, movement

experiences, visits to dance events. Lecture 2 hours, activity four hours.

435ABC Dance Movement for Human Awareness (4)

Prerequisites: DANC 130, 135, 140. Theoretical framework, conceptual development, and practice of using dance to promote awareness, insight, and growth, allowing for integration of cognitive, emotion, and physical functions. Lecture 3 hours, activity 2 hours.

454L,P Special Topics in Dance (1-3)

Current topics of special interest in dance, as announced in *Schedule of Classes*. May be repeated as subject matter changes.

470 Theory and Analysis of Dance (3)

Prerequisite: Advanced level in dance technique. Theory, analysis, and advanced performance of dance; structural elements, rhythm, creativity, and selection of accompaniment. Lecture 2 hours, demonstration laboratory 2 hours each.

471 Rhythmic Form and Analysis for Dance (3)

Historical analysis of rhythmic elements inherent in music and movement; application and appreciation of their organization as a basis of form in dance. Lecture 2 hours, laboratory 2 hours.

472 Choreography (3)

Prerequisite: DANC 372. Application of principles and materials of dance in development of group and solo compositional forms. Lecture 2 hours, demonstration-laboratory 2 hours.

474 Dance Philosophy (3)

Prerequisites: DANC 473, PHIL 151 or 152; PHIL 475 recommended. Philosophical bases, heritage, purposes, values, and basic beliefs in various forms of dance.

475 Choreographic Accompaniment (3)

Prerequisite: DANC 472. Sound as it relates to movement, critical analysis of music for dance, special attention to selection of appropriate accompaniment. Lecture 2 hours, demonstration-laboratory 2 hours.

476 Dance History Primitive to 19th Century (3)

Study of various forms of dance including ethnic, folk, and formal art forms as related to social, economic, and political history from primitive times through the 19th century.

477 Dance History of the 20th Century (3)

New directions of the modern age and current trends in dance as they relate to world culture of the 20th century.

478 Choreography for Camera (3)

Prerequisite or corequisite: DANC 472; BCST 201 recommended. Investigation and application of choreographic principles appropriate to television and/or cinema. Lecture 2 hours, laboratory 2 hours.

480 Orchestral-Dance Performing Ensemble (2)

Prerequisite: Instructor consent. Preparation of lecture-demonstrations and dance performances. May be repeated to maximum of 12 units.

483 Dance Performance Workshop (2)

Corequisite: DANC 480. Rehearsals for and participation in developing written and performed materials for special performance events complementary to the performance activities of DANC 480. May be repeated to maximum of 6 units.

485 Dance Production (3)

Prerequisite: DANC 472. Preparation of dance materials for performance; directing, lighting, costuming, and makeup for dance. Lecture 2 hours, demonstration-laboratory 2 hours.

Courses in Theatre Arts (TA)

Lower Division Courses

100 Play Practicum (1)

Active participation in University-sponsored dramatic activities. Assignments may include acting, directing assistance, lighting, scenery, costuming, props, and house management. May be repeated to maximum of 4 units.

131 Stagecraft (3)

Technical theatre practices developed in lectures, demonstrations, and workshop experience; basic tools and techniques of scenery construction; reading technical drawings; technical theatre procedures and organization. Additional hours required.

CAN DRAM 12

132 Stagecraft II (3)

Technical theatre practices developed in lectures, demonstrations, and workshops; stage properties, drafting techniques, basic stage lighting, and sound effects. Additional hours required.

133 Stagecraft III (3)

Introduction to basic materials, tools, construction techniques, costume paint and dye techniques, and wardrobe plotting used in costuming for the performing arts.

141 Acting Fundamentals: Games and Exercises (3)

Basic principles and techniques of acting. Exploration of creative processes through theatre games and improvisational exercises. Additional hours required. **CAN DRAM 8**

142 Acting Fundamentals: Character Study (3)

Basic principles and techniques of acting. Building a character through textual analysis and practical work based on text. Additional hours required.

143 Acting Fundamentals: Scene Study (3)

Basic principles and techniques of acting. Analysis of scene structure, use of subtext, actions, and objectives. Performance of selected scenes. Additional hours required.

149 Diction and Dialects for the Performer (4)

Phonation, articulation, and pronunciation; special attention to standard stage speech and commonly used dialects for actors and other performers in all mediums. **CAN DRAM 6**

152 Analysis of Drama (4)

Principles of dramatic art; consideration of elements of drama, dramatic structure, types, and styles; evaluation and appreciation through study and workshop presentation of representative plays.

154L, P Selected Topics in Theatre Arts (1-4)

Prerequisite: Instructor consent and as needed for specific topic. Current topics of special interest to students in Theatre Arts as announced in *Schedule of Classes*.

160 Living Theatre (4)

Survey of live theatre; appreciating and understanding actual theatrical productions and practices: acting, play writing, costumes and makeup design, nature of the theatrical event. Lecture 2 hours, demonstrations-practical work-field trips, 4 hours.

Upper Division Courses

300 Play Production (2)

Technical preparation and/or presentation of University-sponsored production. Theatre Arts majors must enroll every quarter; others must enroll whenever cast in department productions. Meets more than 6 hours each week. May be repeated to maximum of 24 units.

301 Creative Dramatics (4)

Philosophies and techniques of creative dramatics. Emphasis on improvisation, play making, pantomime, ongoing drama, story dramatization, role playing; selected projects and demonstrations.

306 Children's Theatre (4)

Philosophies, attitudes, and forces shaping current practices in children's theatre; selected scripts and production techniques.

310 Play Performance (2)

Prerequisite: Admission by audition only. Detailed work on a major production with rehearsal and performance requirements. Enrollment required for performance participation. Meets more than 6 hours each week. May be repeated to maximum of 12 units.

311 Development of World Theatre I (4)

Significant developments in world dramatic literature and theatre; emphasis on classical Greece, ancient Rome, medieval world, Italian Renaissance, Spain's Golden Age, Elizabethan England.

312 Development of World Theatre II (4)

Significant developments in world dramatic literature and theatre; emphasis on French Neoclassicism, Restoration, 18th century England, romantic movement, rise of Realism and Naturalism, beginnings of modern drama on the Continent, and early revolts against Realism.

313 Development of American Theatre (4)

Significant developments in American dramatic literature and theatre from colonial period to modern times.

322 Theatrical Makeup (3)

Prerequisite: Instructor consent. Basic concepts and skills in makeup for stage, television, and cinema; straight and corrective makeup; old age and character modeling; introduction to facial prosthetics; basic techniques in building facial hair pieces. Laboratory hours required.

323 Intermediate Theatrical Makeup (3)

Prerequisite: TA 322. Concepts and skills of three-dimensional techniques; special effects and fantasy makeup for stage and screen; makeup design; techniques for handling hair and wigs. Additional hours required.

339 Stage Management (3)

Basic skills: assembling prompt book, blocking notation, and organization and communication procedures; application to theatre production; detailing the process from preproduction and rehearsal through performance to postproduction.

341 Advanced Acting: Improvisations (3)

Prerequisites: TA 141-143. Advanced principles and techniques of acting; selected improvisations designed to increase creativity and solve textual problems; includes interview, fiction, preface, etude, and study. Additional hours required.

342 Advanced Acting: Characterization (3)

Prerequisites: TA 141-143. Advanced principles and techniques of acting; creation of characters through analysis of text and selected exercises, including inner monologue, sensory symbol, and the visual film. Additional hours required.

343 Advanced Acting: Playing a Role (3)

Prerequisites: TA 141-143. Advanced principles and techniques of acting; analysis and exercises designed to work on a role as a whole; includes main line of action, spine, core, and scoring the role. Additional hours required.

348 Movement for the Actor (2)

Psychological and physical sources of movement in the performer; application to development of dramatic roles in theatrical scenes. May be repeated to maximum of 8 units.

349 Voice for the Stage (2)

Prerequisite: TA 149. Voice and speech training for the stage; developing effortless yet controlled and varied vocal production appropriate to demands of theatrical art from Greeks to the present.

357 Creative Experiences for Well-Being (4)

(also listed as ART 357, DANC 357, and MUS 357)

Prerequisites: HS 150; one GE humanities (arts-C2) course. Exploration of creative experiences in the arts for promotion of mental, emotional, and physical well-being.

390 Theatre Research and Writing (4)

Prerequisite: ENGL 190. Advanced writing practice with emphasis on critical and mechanical skills through specific assignments appropriate for Theatre Arts majors.

401 Advanced Creative Dramatics (4)

Exploration and application of advanced techniques and concepts of informal drama; special emphasis on European approaches to dramatics; practical experience through selected projects.

402 Children's Theatre Tour (4)

Student participation as actors, designers, stage managers, and drama leaders in touring children's theatre productions; skills gained in working with special populations. Additional hours required. May be repeated to maximum of 16 units.

422 Advanced Theatrical Makeup (3)

Prerequisite: TA 322. Advanced techniques in creation and application of latex, polyurethane, and wax dental prosthetics for stage, television, and cinema; ventilation processes for beard and wig construction; experimental design of stylized nonrealistic makeup. Laboratory hours required.

426 Introduction to Stage Costuming (3)

Prerequisite: Two dramatic literature courses. Basic principles of costume design and construction; historical survey of costumes from ancient to modern times as related to stage costume. Additional hours required.

427 Stage Costume Design (3)

Prerequisite: TA 426. Theory and application of costume design and construction for stage; research methods, principles of design, dramatic analysis, rendering layout, and construction techniques. Additional hours required.

431 Introduction to Stage Scenery (3)

Prerequisites: TA 131, 132. Theory, practice of scenery design; physical stage, script, director demands; working drawings, models, sketches; perspective rendering. Additional hours required.

432 Stage Scenery Design (3)

Prerequisite: TA 431. Advanced design problems, projects in design of drama, comedy, and musical theatre. Additional hours required.

434 Introduction to Stage Lighting (3)

Prerequisites: TA 131, 132. Theory and practice of lighting design; functions and properties of light on stage; basic electricity, optics, color; light plots and plans; lighting equipment and its use, control systems. Additional hours required.

435 Stage Lighting Design (3)

Prerequisite: TA 434. Advanced problems in lighting design; projects in conception and execution of designs for the stage. Additional hours required.

439 Theatre Management (3)

Prerequisites: TA 131, 132, 152. Theory, practice of theatre operations, organization, administration; stage management, production, box office, promotional, and touring procedures.

441-443 Acting Studio I, II, III (3, 3, 3)

Prerequisites: TA 341-343. Organic approach to the physical and emotional demands of acting. Admission by audition only. Each course may be repeated to maximum of 6 units.

441: Material from the American English Realist tradition.

442: Material from the Early Realist tradition.

443: Material from classical and musical theatre.

445 Principles of Directing I (3)

Prerequisites: TA 141-143. Basic concepts of stage directing: script analysis, blocking, casting, rehearsal procedures, presentation of scenes from realistic plays. Additional hours required.

446 Principles of Directing II (3)

Prerequisite: TA 445. Advanced techniques of stage directing: development of style, problems of directing premodern and non-realistic plays, working with actors, scene presentations. Additional hours required.

447-449 Acting for Musical Theatre I, II, III (3, 3, 3)

Performance approach to acting demands of musical theatre; characterization through voice, singing, speaking, movement, and scene study. Each course may be repeated once for credit. Suggested sequence: 447, 448, 449; however, none of the three courses is prerequisite to the others.

447: The maturation of the book musical (1940-1967).

448: Beginning to rise of book musical (1940).

449: The contemporary, avant garde (1967-present).

450 Principles of Directing III (3)

Prerequisite: TA 446. Directing laboratory in which each director selects a one-act play to explore through script analysis and rehearsal, culminating in performance. May be repeated to maximum of 6 units.

454L, P Selected Topics in Theatre Arts (1-4)

Prerequisite: Instructor consent and as needed for specific topic. Current topics of special interest to students in Theatre Arts as announced in *Schedule of Classes*.

457 Emotion in the Theatre and Film (4)

Exploration of audience emotional responses to techniques used by actors, writers, directors, designers, choreographers; theatre aesthetics in social/political context through history and in various cultures.

459 Hispanic Play Production (3-4)

(also listed as SPAN 459)

Prerequisite: Intermediate Spanish. Introduction to major forms of Spanish drama; mechanics and production of a major work of Hispanic theatre. May be repeated to total of 6-8 units, of which maximum of 4 may apply toward major.

460 Studies in Selected Dramatists (1-4)

Prerequisite: Two dramatic literature courses. Intensive study of one or several important dramatists; specific course content varies. May be repeated to maximum of 8 units as subject matter changes.

461 Nature of Dramatic Comedy (4)

Prerequisite: TA 152 or a course in dramatic literature. Theory and techniques of comedy in literature and entertainment arts; emphasis on kinds of comedy in historical perspective.

462 Nature of Dramatic Tragedy (4)

Prerequisite: TA 152. Stage tragedy from ancient Greece to present; major theories and kinds of tragedy, and evolution of tragic hero and heroine.

463 Shakespeare as Living Theatre (4)

Prerequisites: TA 152 or ENGL 222; ENGL 417. History and theories involved in bringing Shakespeare's drama to life on stage. Analysis of major plays in relation to their potential production in contemporary theatre.

471 Theatre of the Avant-Garde (4)

Prerequisite: TA 152 or ENGL 222. Translation studies in development of avant-garde in French-, German-, and English-speaking theatres. Emphasis on experimental drama as producible, living theatre.

472 History and Analysis of Lyric Theatre (4)

Study and evaluation of lyric theatre from its origin to present; emphasis on development of form and style, analysis of representative works, emergence of American lyric theatre.

476 Play Writing (4)

Prerequisites: At least one upper division course in dramatic literature and instructor consent. Workshop in planning, preparing, and writing manuscripts for stage; emphasis on handling dramatic materials, play structure, characterization, and appropriate dialogue. May be repeated once for credit.

477 Psychodrama (4)

Prerequisites: Twelve units selected from following: TA 301, 231, 238; PSY 308, 412AB, 418AB. Theory and practice of psychodrama and role playing; experience in psychodrama sessions as protagonists, doubles, and auxiliaries; warm-ups, role reversal, soliloquy, and other techniques. May be repeated to maximum of 8 units.

478 Therapeutic Uses of Drama (4)

Prerequisites: Twelve units selected from following: TA 301, 231, 238; PSY 308, 412AB, 418AB. Theories, techniques, and practice of drama as an expressive arts therapy; applications of theatre games, fantasies, dream enactments, fairy tales, puppets, free improvisations to therapeutic needs of various client populations. May be repeated for credit.

479 Life Scripts (4)

Individual life programming employing drama therapy; effects of family/cultural messages on choices; writing and enactment of scenes revealing life scripts providing alternatives. Additional hours required. May be repeated to maximum of 8 units.

480 Cinema as a Dramatic Art (4)

Comparative analysis of dramatic media, consideration of media as art forms, emphasis on "Great Films" series. May be repeated once with instructor consent.

485 Children's Film (4)

Prerequisite: PSY 412A recommended. Instructional and aesthetic elements in films for preschool to adolescent children; film techniques, audience analysis, and development of a rationale for designating films appropriate for various age levels.

499 Undergraduate Directed Study (1-4)

Prerequisite: Consent of an instructor to act as sponsor. Project selected in conference with sponsor prior to registration; progress meetings held regularly and final report submitted. May be repeated for credit.

SCHOOL OF BUSINESS AND ECONOMICS

Departments within the School

Department of Accounting

Department of Economics and Statistics

Department of Finance and Law

Department of Information Systems

Department of Management

Department of Marketing

Department of Office Systems and Business Education

SCHOOL OF BUSINESS AND ECONOMICS

The major role of the School of Business and Economics is to equip men and women with the intellectual and professional tools needed to assume responsible positions in business, industry, education, government, and social service organizations. The preparation offered includes a basic understanding of the entire social, economic, and physical environment of the urban community, of which business institutions are an integral part. Further, a substantial theoretical and technical background is provided in the underlying fields of knowledge dealing specifically with functional areas in business.

The School of Business and Economics offers undergraduate degree programs in business administration, business education, computer information systems, and economics as well as several minors and certificate programs. Graduate degree programs are described in the *Graduate Programs* section.

Accreditation

The School of Business and Economics is nationally accredited, at both graduate and undergraduate levels, by the American Assembly of Collegiate Schools of Business.

Office of Publications (Business Forum). The School of Business and Economics Publications Office publishes a quarterly, refereed journal, *Business Forum*. The journal is directed to a national reading audience of scholars, business executives, and public administrators, and includes articles by representatives from the academic, government, and business sectors. *Business Forum* is the keystone of the school's effort to achieve effective two-way communication between business and Cal State L.A. The Publications Office produces all school publications including annual reports, alumni newsletters, various pamphlets and brochures, working papers, and news releases.

The Faculty

Department of Accounting

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Emeriti: Emily C. Chang, Earl Kennedy Cobb, Clifford J. Craft, George N. Francis, Michael F. Grisafe, George A. Gustafson, Leonard W. Hein, Frederic E. Mints, J. C. Ray, Alvin E. Tuohino.

Professors: Adnan M. Abdeen, Joanne A. Collins, Jim D. Donohoo, Chor Tin Lau, John Y. Lee (*Chair*), Peter P. Lockett, Dennis M. Murphy, D. Lynn Rans, Ralph S. Spanswick, Hugh E. Warren.

Associate Professors: Michael M. Davidson, Glenn Freed, Rick S. Hayes, Gary V. Jorden, John E. Karayan, Lois G. McClain, Ronald L. Pierce, William B. Schneider, Robert G. Zahary.

Assistant Professors: Jeong Youn Kim, Kyungho Kim, Neung-Jip Kim, Richard Lau, Leslie Jane Park.

Department of Economics and Statistics

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Emeriti: William H. Bright, Ke Ting Hsia, Arthur J. Kirsch, Mildred G. Massey, Leonard G. Mathy, Donald A. Moore, John C. Norby, William B. Simpson, Gerald F. Sorrensen.

Professors: Giorgio Canarella, Neil H. Garston, Judd Hammack, Sun K. Kim, Paul T. Mu, Stephen K. Poilard, M. Richard Roseman, Donald Snyder, John A. Tomaske, Erika G. Wilson.

Associate Professors: George Jensen, Eduardo M. Ochoa (*Chair*), Nikolai Pulchritudoff, Dang T. Tran.

Assistant Professors: Samantha Carrington, Kathryn L. Combs, Edward W. T. Hsieh, Kon Sun Lai, Tom E. Larson, Madhu S. Mohanty.

Department of Finance and Law

DEPARTMENT OFFICE
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Emeriti: Philip B. Bergfield, John R. Cox, Edward A. Nelson, Gordon B. Severance.

Professors: Jack S.K. Chang, Laurence E. Clark, George N. Engler, Ching-Hsing (Jean) Loo, Paul E. Schnitzel (*Chair*), Gary Steele Watson, Chaucer Yang.

Associate Professors: John M. Blackburn, Maria Boss, Martha S. Cattell, Taewon Kim.

Assistant Professors: Hsing Fang, Barbara Keller, Michael Lai.

Department of Information Systems

DEPARTMENT OFFICE
Simpson Tower F603
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Emeritus: Robert C. Verkler.

Professors: Mohammad B. Ayati, Nandakumar Ganesan (*Chair*), Durward P. Jackson, Parviz Partow-Navid, Paul Rosenthal, Harold Sackman, Ludwig Siusky.

Associate Professors: George H. Jacobson, Knox B. Wasley.

Assistant Professor: Stephen J. Baumgartner.

Department of Management

DEPARTMENT OFFICE
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Emeriti: Laird B. Allison, Donald G. Malcolm.

Professors: Abdallah M.A. Aish, Mohammad Ala, William G. Baker, Keith R. Blunt, George Burstein, Peter D. Hechler, Lawrence S. Hill, Raul-Ur R. Khan, Kwok Keung (Kern) Kwong, Mary Pat McEnrue, James M. Rosser, John F. Steiner (*Chair*), William Cooper Waddell, Paul V. Washburn.

Assistant Professors: Gordon Bagot, William Cordeiro, Cheng Li, Laura L. Whitcomb, Valerie Yates.

Department of Marketing

DEPARTMENT OFFICE
Simpson Tower F917
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Emeriti: William A. Knoke, Paul T. McElhiney, L. D. Myers, H. Jean Waldrop.

Professors: Henry S. Ang, Jens D. Biermeier, James D. Boulgarides, Bernard Codner, William A. Cohen, Richard A. Kao (Chair), John A. Kirchner, Moonson David Oh, Marshall E. Reddick, Shirley Stretch, Luu Trankiem.

Department of Office Systems and Business Education

DEPARTMENT OFFICE

Simpson Tower F517

Phone: (213) 343-2860

Emeriti: Nancy J. Billett, Jessie C. Gustafson, Kenneth Zimmer.

Professors: Darrell R. Clemmensen, David P. Dauwalder, Charles J. Inacker, MaryLynne Knutson (Chair), Ralph S. Spanswick.

Associate Professors: Marguerite Joyce, Joseph C. Otto, Doris Van Horn-Christopher.

Undergraduate Programs

Undergraduate programs leading to bachelor's degrees are offered in Business Administration, Business Education, Computer Information Systems, and Economics, minors in Basic Business, Business Education, and Economics. Several certificate programs are offered, also. Students are required to complete lower division courses prior to taking upper division courses.

Bachelor of Science Degree in Business Administration

A total of 192 units is required for the Bachelor of Science degree in Business Administration, of which 105-114 units are in the major. All degree candidates must complete 72 units in courses outside the School of Business and Economics.

Requirements for the Major (105-114 units)

All options except Accounting (78 units) require a common core of 82 units of lower and upper division courses in the School of Business and Economics and the Department of Mathematics and Computer Science. In addition, each student with upper division standing completes one of the following options:

1. Accounting
2. Administrative Management
3. Business Arts-Prelegal
4. Business Economics and Statistics
5. Entrepreneurship
6. Finance
7. Human Resources Management
8. International Business
9. Labor Relations
10. Marketing
11. Office Systems
12. Production and Operations Management
13. Real Estate
14. Retailing
15. Special Business
16. Transportation

Core Requirements (78 or 82 units)

Lower Division Required Courses (31 units):

- ACCT 200AB Principles of Accounting (4, 4)
 CIS 294 Business Computer Systems (4)
 ECON 201, 202 Principles of Economics I, II (4, 4)
 ECON 209 Applied Business and Economic Statistics I (3)
 FIN 205 Foundations of Business Law (4)
 MATH 242 Mathematics for Business and Economics Majors (4)

**Upper Division Required Courses (51 units):

- #ACCT 300 Managerial Accounting (4)
 CIS 301 Management Information Systems (4)
 ECON 303 Money, Banking, and the Economy (4)
 ECON 309 Applied Business and Economic Statistics II (3)
 ECON 310 Economics of the Business Firm (4)
 ECON 391 Quantitative Methods in Business and Economics (4)
 FIN 303 Business Finance (4)
 MGMT 306 Production and Operations Management (4)
 MGMT 307 Management and Organizational Behavior (4)
 MGMT 308 Business Responsibilities in Society (4)
 MGMT 497 Integrated Decision Making in Business (4)
 MKT 304 Principles of Marketing (4)
 OSBE 301 Business Communications (4)

** Accounting option requires 47 units

not required in Accounting option

Options (23-36 units)

• Option 1: Accounting (36 units)

ADVISEMENT: Department of Accounting.

This option prepares students for careers in either *public accounting*, serving clients professionally in the areas of financial accounting, cost accounting, auditing, taxes and systems; or *managerial accounting*, dealing with the functions of the controller in a business firm, or an institutional or governmental agency.

Required Courses (24 units):

ACCT 320ABC, 321, 322, 424A

Electives (select 12 units from following):

ACCT 420, 421AB, 422, 424B, 427, 428, 433
 FIN 305

Note the following *Accounting Program Standards*: To enroll in upper division accounting courses (except 320AB) undergraduate students must have:

1) Completed the following courses:

- ACCT 200AB Principles of Accounting
 ACCT 320AB Intermediate Accounting
 CIS 294 Business Computer Systems
 ECON 201, 202 Principles of Economics I, II
 ECON 209 Applied Business and Economic Statistics I
 FIN 205 Foundations of Business Law
 FIN 303 Business Finance
 MATH 242 Mathematics for Business and Economics Majors
 OSBE 301 Business Communications

2) Earned a minimum 2.4 grade point average in all courses attempted, including those accepted by transfer from other institutions and those attempted at Cal State L.A.

3) Followed procedures specified by the Department of Accounting in the quarter preceding enrollment in the first upper division accounting course (except 320AB).

• Option 2: Administrative Management (24 units)

ADVISEMENT: Department of Management.

This option develops competence in administrative and supervisory techniques required of managers, supervisors, and comparable administrative officers in industry, finance, government, and labor.

Required Courses (16 units):

MGMT 460, 461, 462, 479

and implementation, word processing, and microcomputer applications.

Required Courses (23 units):

OSBE 213, 313, 401, 412, 420, 421

• **Option 12: Production and Operations Management (24 units)**

ADVISEMENT: Department of Management.

This option teaches operations management including operative planning and control, quality management, robotics management, and integrated manufacturing systems. Students are prepared for related assignments in manufacturing, nonmanufacturing firms, and government.

Required Courses (16 units):

MGMT 460, 464, 480, 496

Electives (select 8 units from following):

MGMT 463, 465, 467

• **Option 13: Real Estate (24 units)**

ADVISEMENT: Department of Finance and Law.

This option prepares students for careers in real estate, including positions with brokerage and appraisal firms, lending institutions, and governmental agencies.

Required Courses (20 units):

FIN 338, 381, 438, 439, and 493

Elective (4 units):

Select one course with adviser approval.

• **Option 14: Retailing (24 units)**

ADVISEMENT: Department of Marketing.

This option prepares students for positions in the retail industry, or to become successful entrepreneurs in their own retail businesses.

Required Courses (12 units):

MKT 342, 344, 349

Electives (select 12 units with retail adviser approval)

FSCS 407

MKT 340, 345, 346, 442, 443, 448, 452

• **Option 15: Special Business (24 units)**

ADVISEMENT: Undergraduate Programs Office, Physical Science 106, (213) 343-2810.

This option provides opportunities for programs designed to meet individual interests not covered by the other options. Permission to take this option must be secured from the dean of the school.

Required Courses (24 units):

Courses in business, economics, and relevant fields, to be worked out in conference with the school dean and appropriate faculty members, depending upon the unique and special objectives of the student.

• **Option 16: Transportation (24 units)**

ADVISEMENT: Department of Marketing.

This option deals with the transportation and physical distribution alternatives and systems available in the business world. Also treated are management and government regulation of transportation carriers.

Required Courses (12 units):

MKT 350, 351, 451

Electives (12 units):

Select three marketing courses with transportation adviser approval.

Bachelor of Science Degree in Computer Information Systems

ADVISEMENT: Department of Information Systems

A total of 196 units is required for the Bachelor of Science degree in Computer Information Systems, of which 113-114 units are in the major. All degree candidates must complete 72 units in courses outside the School of Business and Economics.

Requirements for the Major (113-114 units)

Both options require a common core of 90 units of lower and upper division courses in the School of Business and Economics and the Department of Mathematics and Computer Science. In addition, each student with upper division standing selects an option in *Business Systems* or *Information Technology*.

Core Requirements (90 units)

Lower Division Required Courses (35 units):

ACCT 200AB Principles of Accounting (4, 4)

CIS 263 Introduction to Application Programming (4)

CIS 294 Business Computer Systems (4)

ECON 201, 202 Principles of Economics I, II (4, 4)

ECON 209 Applied Business and Economic Statistics I (3)

FIN 205 Foundations of Business Law (4)

MATH 242 Mathematics for Business and Economics Majors (4)

Upper Division Required Courses (55 units):

ACCT 300 Managerial Accounting (4)

CIS 301 Management Information Systems (4)

CIS 310 Software and Hardware Concepts (4)

CIS 442 Data Base Design (4)

CIS 482 Systems Analysis Methods (4)

CIS 484 Communications Systems (4)

ECON 309 Applied Business and Economic Statistics II (3)

FIN 303 Business Finance (4)

MGMT 306 Production and Operations Management (4)

MGMT 307 Management and Organizational Behavior (4)

MGMT 308 Business Responsibilities in Society (4)

MGMT 497 Integrated Decision Making in Business (4)

MKT 304 Principles of Marketing (4)

OSBE 301 Business Communications (4)

Options (23-24 units)

• **Option 1: Business Systems (23-24 units)**

This option prepares students for careers as information systems professionals in end-user departments (such as accounting, marketing, finance), in which they develop and maintain departmental information systems, or to work as business analysts and consultants or in information centers. Students who select this option are encouraged to pursue a second major in Business Administration.

Required Course (4 units):

CIS 487 Decision Support Systems (4)

Computer Information Systems Electives (select 8 units from following):

CIS 335, 407, 450, 454, 486 OSBE 412

Business and Economics Electives (11-12 units):

Select 11-12 units of upper division courses from one department (except Information Systems) within the School of Business and Economics, with adviser approval.

• Option 2: Information Technology (24 units)

This option provides students with the specialized knowledge needed for professional employment in a centralized management information systems department in a large enterprise.

Required Courses (8 units):

- CIS 383 Advanced Application Programming (4)
CIS 483 Advanced Information Systems Design (4)

Electives (select 16 units from following):

- CIS 227, 228, 316, 317, 450, 451, 452, 454, 486
CS 284

Minor in Basic Business

ADVISEMENT: Undergraduate Programs Office, Physical Science 106, (213) 343-2810.

The purpose of the minor in Basic Business is to provide a structured program for students majoring in academic degree programs outside the School of Business and Economics but wishing to augment their major with basic knowledge in business and economics.

For students who intend to pursue further study in business at advanced undergraduate or graduate levels, MATH 242 is strongly recommended. The 39 units required for the minor are:

Requirements for the Minor (39 units)**Lower Division Required Courses (27 units)**

- ACCT 200AB Principles of Accounting (4, 4)
CIS 294 Business Computer Systems (4)
ECON 201, 202 Principles of Economics I, II (4, 4)
ECON 209 Applied Business and Economic Statistics I (3)
FIN 205 Foundations of Business Law (4)

Upper Division Required Courses (12 units)

- FIN 303 Business Finance (4)
MGMT 307 Management and Organizational Behavior (4)
MKT 304 Principles of Marketing (4)

Certificate Program in Accounting

The Department of Accounting offers a credit certificate in Accounting, designed to prepare individuals who hold or are pursuing a bachelor's degree in a field other than accounting for entry into the accounting profession.

Prerequisites (31 units):

- Admission to the university with a bachelor's degree in a field other than accounting or as an undergraduate majoring in a field other than accounting.
- Completion of the lower division business administration core subjects with a minimum 2.5 grade point average in the following courses:

- ACCT 200AB Principles of Accounting (4, 4)
CIS 294 Business Computer Systems (4)
ECON 201, 202 Principles of Economics I, II (4, 4)
ECON 209 Applied Business and Economic Statistics I (3)
FIN 205 Foundations of Business Law (4)
MATH 242 Mathematics for Business and Economics Majors (4)

Submission of transcripts or official grade reports for the above courses to the Department of Accounting for evaluation.

A minimum of 47 units with a minimum 2.5 grade point average is required for completion of the program. Refer to the *Undergraduate Study* chapter of this catalog for general regulations governing all certificate programs.

Requirements for the Certificate (47-48 units)**Required Courses (32 units):**

- ACCT 320ABC Intermediate Accounting I, II, III (4, 4-4)
ACCT 321 Tax Accounting I (4)
ACCT 322 Cost Accounting (4)
ACCT 424A Auditing I (4)
FIN 303 Business Finance (4)
OSBE 301 Business Communications (4)

Electives (select 15-16 units from following):

- ACCT 420, 421AB, 422, 424B, 427, 428; 433
CIS 301 ECON 309
FIN 305

Certificate Program in Advanced Information Systems

The Department of Information Systems offers a credit certificate in Advanced Information Systems, designed to provide an academic base for information systems professionals in such specialties as systems analysis and design, data administration, and distributed data processing as well as information systems management. The emphasis is on the study of advanced techniques and software productivity tools. This certificate is suitable for students who hold or expect to earn an undergraduate option other than Information Systems; graduate students in business administration; or information systems professionals who hold a bachelor's degree in any field.

The program contains a minimum of 28 units in CIS and related courses: 16 units in the core and at least 12 units of electives. Refer to the *Undergraduate Study* chapter of this catalog for general regulations governing all certificate programs.

Prerequisites:

- A bachelor's degree in Business Administration or
- Senior standing in a Bachelor of Science degree program in Business Administration or Computer Science or
- Classified graduate standing in a master's degree program in the School of Business and Economics or
- A bachelor's degree in another field and at least two years of experience in business management or as an information systems professional;
- CIS 383, Advanced COBOL, or equivalent programming experience.

Requirements for the Certificate (28 units)**Required Core (16 units):**

- CIS 301 Management Information Systems (4)
CIS 442 Data Base Design (4)
CIS 482 Systems Analysis Methods (4)
CIS 484 Communications Systems (4)

Electives (select at least 12 units from following):

- CIS 450, 451, 452, 486, 487, 527, 528, 543, 581, 584, 598
CS 412, 485, 486

Certificate Program in Computer Programming

The Department of Information Systems offers a credit certificate in Computer Programming, designed to prepare individuals for

entry level computer programming positions or other positions that require sophisticated knowledge of computer technology. The program consists of 28 units including a 20-unit core and 8 units of electives chosen from CIS and CS courses. Refer to the *Undergraduate Study* chapter of this catalog for general regulations governing all certificate programs.

Requirements for the Certificate (28 units)

Required courses (20 units):

- CIS/SOCS 280 The Computer World (4) or
 CIS 294 Business Computer Systems (4)
 CIS 283 Introduction to Application Programming (4)
 CIS 383 Advanced Application Programming (4)
 CIS 482 Systems Analysis Methods (4)
 CIS 484 Communications Systems (4)

Electives (select 8 units from following)

- CIS 227, 228, 301, 316, 335, 442, 450, 451, 452
 CS 190, 202, 203, 290, 291, 330, 432

Other courses may be selected with Information Systems Department approval.

Certificate Program in Commercial Transportation

The Department of Marketing, in cooperation with the Office of Continuing Education, offers a credit certificate program in Commercial Transportation, designed for individuals intending to pursue a career or enhance their advancement potential in the field of industrial traffic and transportation or carrier operation.

A total of 28 units is required. Refer to the *Undergraduate Study* chapter of this catalog for general regulations governing all certificate programs.

Requirements for the Certificate (28 units)

Students select seven courses, with approval of a transportation adviser. Five courses must be about transportation (the adviser may allow substitution of one or two GEOG or TECH courses when appropriate); the other two must be upper division courses in marketing or elsewhere within the School of Business and Economics.

Certificate Program in Entrepreneurship

The Department of Marketing offers a credit certificate in Entrepreneurship, designed to prepare students and business people for careers in starting, managing, or working in small businesses. The program includes instruction about how to take a product or service from the idea stage through the introduction and growth stages, and how to successfully manage the business. A focus may be taken in retailing, marketing of services and products, consulting, accounting, finance, or entrepreneurship.

A total of 24 units is required. Refer to the *Undergraduate Study* chapter of this catalog for general regulations governing all certificate programs.

Requirements for the Certificate (24 units)

Required courses (16 units):

- ACCT 426, FIN 494, MGMT 468, MKT 443

Electives (8 units):

Select two upper division School of Business and Economics electives with adviser approval.

Certificate Program in International Business

The Department of Marketing offers a certificate in International Business, designed to prepare students for careers in firms operat-

ing on a multinational basis; for careers in import-export, international finance and banking, and international agencies; and for the Commerce Option of the Foreign Service Officer examination with the federal government. It also provides training for managers of internationally-oriented companies in the Los Angeles area.

A total of 24 units is required. Refer to the *Undergraduate Study* chapter of this catalog for general regulations governing all certificate programs.

Requirements for the Certificate (24 units)

Required courses (16 units):

- FIN 431 MGMT 462
 MKT 358, 456

Electives (8 units):

Select two upper division School of Business and Economics electives with adviser approval.

Certificate Program in Marketing

The Department of Marketing offers a credit certificate in Marketing designed to prepare students for professional careers in marketing in both profit and nonprofit organizations. A total of 24 units is required. Refer to the *Undergraduate Study* chapter of this catalog for general regulations governing all certificate programs.

Requirements for the Certificate (24 units)

Required courses (12 units):

- MKT 304, 341, 342 or 446

Electives (12 units):

Select Marketing Department electives with adviser approval.

Certificate Program in Retail Professional Development

The Department of Marketing offers a credit certificate in Retail Professional Development, designed to provide the skills required for executive positions in the retail industry and to prepare individuals to become successful entrepreneurs in their own retail business. A total of 24 units is required. Refer to the *Undergraduate Study* chapter of this catalog for general regulations governing all certificate programs.

Requirements for the Certificate (24 units)

Required courses (16 units):

- MKT 304, 342, 344, 349

Electives (select 8 units from following):

- FSCS 407
 MKT 340, 345, 346, 442, 443, 448, 452

Bachelor of Science Degree in Business Education

ADVISEMENT: Department of Office Systems and Business Education.

The Business Education program is designed for students who plan to become business teachers and who may qualify for a California teaching credential. Students should consult advisers in both the School of Business and Economics and the Education.

Requirements for the Major (78-79 units)

Students electing the major in Business Education must demonstrate skills in microcomputer keyboard usage equivalent to those required for completion of OSBE 104.

Required for the Bachelor of Science degree are 195-196 units, of which 78-79 units are in the major.

Lower Division Required Courses (30 units):

- ACCT 200AB Principles of Accounting (4, 4)
 CIS 294 Business Computer Systems (4)
 ECON 201, 202 Principles of Economics I, II (4, 4)
 ECON 209 Applied Business and Economic Statistics I (3)
 FIN 205 Foundations of Business Law (4)
 OSBE 213 Word Processing Applications (3)

Upper Division Required Courses (48-49 units):

- OSBE 301 Business Communications (4)
 OSBE 313 Office Organization and Management (4)
 OSBE 410AB Problems of Business Education I, II (3, 3)
 OSBE 412 Advanced Office Systems (4)
 OSBE 420 Office Information Processing Software Applications (4)
 OSBE 421 Human Resources in the Automated Office (4)
 ECON 309 Applied Business and Economic Statistics II (3)
 FIN 303 Business Finance (4)
 MGMT 308 Business Responsibilities in Society (4)
 MGMT 497 Integrated Decision-Making in Business (4)
 MKT 304 Principles of Marketing (4)

Select one from following (3-4 units):

- OSBE 401, 422 EDSE 421A, 421G

In addition to major requirements, students preparing for the Single Subject credential in Business Education are required to complete EDSE 421K (Methods of Teaching Keyboarding and Office Systems) as a prerequisite to directed teaching. (This course is required for the credential, not the degree.)

Minor in Business Education

Students electing the minor in Business Education must demonstrate skills in microcomputer keyboard usage equivalent to those required for completion of OSBE 104.

Requirements for the Minor (36-37 units)

Lower Division Required Courses (15 units):

- ACCT 200AB Principles of Accounting (4, 4)
 CIS 294 Business Computer Systems (4)
 OSBE 213 Word Processing Applications (3)

Upper Division Required Courses (18 units):

- OSBE 301 Business Communications (4)
 OSBE 313 Office Organization and Management (4)
 OSBE 410AB Problems of Business Education I, II (3, 3)
 OSBE 420 Office Information Processing Software Applications (4)

Electives (select 3-4 units from following):

- OSBE 401, 422 EDSE 421A, 421G

The Credential Program

The Bachelor of Science degree in Business Education has been approved by the Commission on Teacher Credentialing for examination waiver for the Single Subject credential in Business Education. Please consult advisers in the Department of Office Systems and Business Education and the School of Education.

Certificate Program in Office Systems

The Department of Office Systems and Business Education offers a credit certificate in Office Systems, designed for teachers and trainers in education and industry who are responsible for teaching

students and employees widely used microcomputer business applications. Students enrolled in this certificate program will have an opportunity to study the latest advancements in office systems. Included in the certificate is the opportunity to learn integrated and stand-alone software packages in word processing, electronic spreadsheets, data base management systems, telecommunications, and graphics. Programs widely used in the business community—such as Lotus 1-2-3, Enable, WordPerfect, and dBase III—are covered.

The program contains a total of 26-27 quarter units of OSBE and related courses; 19 units in the core and 7-8 units of electives. Refer to the *Undergraduate Study* chapter of this catalog for general regulations governing all certificate programs.

Requirements for the Certificate (26-27 units)

Required Courses (19 units):

- OSBE 313, 412, 420, 421, 422

Electives (select 7-8 units from following):

- CIS 484 OSBE 213, 301, 401

Certificate Program in Teaching Microcomputer Business Applications

The Department of Office Systems and Business Education offers a credit certificate in *Teaching Microcomputer Business Applications*. This certificate is designed for teachers and trainers in education and industry who are responsible for teaching students and employees widely used microcomputer business applications. Included in the program is the opportunity to learn integrated and stand-alone software packages in word processing, electronic spreadsheets, data base management systems, telecommunications, and graphics. Programs widely used in the business community—such as Lotus 1-2-3, Enable, WordPerfect, and dBase III—are covered. A total of 24-26 units is required. Refer to the *Undergraduate Study* chapter of this catalog for general regulations governing all certificate programs.

Requirements for the Certificate (24-26 units)

Required courses (18 units):

- CIS 294 OSBE 213, 412, 420, 422

Electives (select 6-8 units from following):

- ACCT 200A CIS 484
 EDSE 421A, 421K MGMT 469
 OSBE 421

Bachelor of Arts Degree in Economics

Advisement: Department of Economics and Statistics.

The Bachelor of Arts degree with a major in Economics prepares students to qualify for positions in business and government. Specific areas include finance, labor, transportation, international trade, banking, and regulatory agencies. A major in Economics also provides foundations for teaching at the college or high school level, and for entrance into graduate school or law school.

Two options are offered: the first emphasizes applied and analytical economics, and the second, social and behavioral sciences.

Students pursuing either the major or minor are urged to complete lower division courses before taking upper division courses.

Requirements for the Major (66-78 units)

A total of 66-78 units is required for the major, depending on the option selected. All students complete a 26-unit common core of

lower and upper division courses in economics and business plus one of the options to complete remaining degree requirements.

Core Requirements (26 units)

Lower Division Required Courses (11 units):

ECON 201, 202 Principles of Economics I, II (4, 4)
ECON 209 Applied Business and Economic Statistics I (3)

Upper Division Required Courses (15 units):

ECON 303 Money, Banking, and the Economy (4)
ECON 309 Applied Business and Economic Statistics II (3)
ECON 310 Economics of the Business Firm (4)
OSBE 301 Business Communications (4) or
ENGL 306 Technical Writing (4)

Option Requirements

Students select one of the following two options, comprising 40–52 units, to fulfill requirements for the major.

• **Option 1: Applied and Analytical Economics (44–52 units)**

This option is recommended for students who intend to obtain graduate training in economics. Students intending to enter graduate programs should take MATH 206–207 sequence.

Lower Division Required Courses (12–20 units):

ACCT 200AB Principles of Accounting (4, 4) or
ACCT 202 Survey of Accounting (4)
CIS 294 Business Computer Systems (4)
MATH 242 Mathematics for Business and Economics
Majors (4) or
MATH 206 and 207 Calculus I, II (4, 4)

Upper Division Required Courses (16 units):

ECON 403 Macroeconomics (4)
ECON 410 Microeconomics (4)
ECON 413 Mathematical Economics (4)
ECON 412 Development of Economic Thought (4) or
ECON 414 Econometrics (4)

Electives (16 units):

Select upper division courses in economics, other courses in the School of Business and Economics, mathematics, and/or the public administration area of political science, with adviser approval.

• **Option 2: Social and Behavioral Sciences (40 units)**

This option serves students with interdisciplinary interests in economics and other areas of social and behavioral sciences: anthropology, geography, history, political science, psychology, and sociology; and American, Chicano, Latin American, Pan-African, and urban studies.

Lower Division Required Courses (8 units):

ACCT 202 Survey of Accounting (4)
MATH 242 Mathematics for Business and Economics Majors (4)

Upper Division Required Course (4 units):

Select one from following:

ECON 403, 410, or 412

Electives (28 units):

Select 16–20 units in economics, other courses in the School of Business and Economics, and mathematics, and 8–12 units in social or behavioral sciences other than economics, with adviser approval.

Minor in Economics

A minor in Economics is available for students majoring in other fields.

A total of 30 units is required. Students majoring in fields that require the same courses as those that fulfill requirements for the minor in Economics will need to take only those courses in the minor program that are not incorporated into their major.

Requirements for the Minor (30 units)

Lower Division Required Courses (11 units):

ECON 201, 202 Principles of Economics I, II (4, 4)
ECON 209 Applied Business and Economic Statistics I (3)

Upper Division Required Course (4 units):

ECON 303 or 310

Electives (15 units):

Select upper division ECON courses in consultation with major and minor program advisers.

COURSES IN BUSINESS AND ECONOMICS

Courses in Business and Economics—Interdepartmental (BUS)

Lower Division Courses

154 Special Topics in Business (1–4)

Current topics of special interest in business as announced in *Schedule of Classes*. May be repeated for credit as subject matter changes.

Upper Division Courses

Upper division standing is prerequisite to enrollment in 300- and 400-level BUS courses.

395 Community Service in Business (1–3)

Prerequisites: Upper division standing in business; approval of school interdisciplinary faculty coordinator in consultation with EPIC director, and acceptance by an appropriate community agency or director of a campus-approved business assistance or development project. Participation in work of a community agency or activities in business assistance or development projects, utilizing professional and/or vocational skills in service to community. May be repeated to maximum of 6 units. Graded CR/NC.

454 Special Topics in Business (1–4)

Prerequisite: Varies with topic; see *Schedule of Classes* for specific prerequisites. In-depth presentation and analysis of topics significant to contemporary business world; lectures, discussions, speakers, and research projects. May be repeated for credit as subject matter changes.

499 Undergraduate Directed Study (1–4)

Prerequisite: Senior standing and instructor consent to act as sponsor. Independent work and preparation of oral and written reports. Project selected in conference with sponsor before registration; progress meetings held regularly. May be repeated for credit.

Courses in Accounting (ACCT)

Lower Division Courses

200AB Principles of Accounting (4, 4)

Measurement, valuation, and accumulation of accounting data; financial statement analysis and interpretation; limited coverage of accounting data use in decision making. Credit allowed for only one of ACCT 200AB and 202. 200A = CAN BUS 2

202 Survey of Accounting (4)

Fundamentals of accounting theory and practice; how accounting serves the individual, the business entity, and the broader disciplines of law, government, and economics. Credit allowed for only one of ACCT 200AB and 202.

Upper Division Courses

Upper division standing is prerequisite to enrollment in 300- and 400-level ACCT courses.

300 Managerial Accounting (4)

Prerequisite: ACCT 200B, 202, or 260R. Use of accounting data for budgeting, cost control, pricing, evaluation of performance, and general decision making.

320A Intermediate Accounting I (4)

Prerequisite: ACCT 200AB. Accounting theory and practice relating to problems of asset valuation and classification in accounts and statements.

320B Intermediate Accounting II (4)

Prerequisites: ACCT 320A, FIN 303. Valuation and classification of liabilities and stockholders' equity; study of selected contemporary accounting issues.

320C Intermediate Accounting III (4)

Prerequisite: ACCT 320B. Examination of complex issues of accounting and financial disclosures. Pensions, leases, EPS, and income tax reporting covered in detail.

321 Tax Accounting I (4)

Prerequisite: ACCT 320B. Statutes, regulations, administrative rulings, and court decisions relating to federal and California income taxes of individuals.

322 Cost Accounting (4)

Prerequisite: ACCT 320B. Nature and control of cost; costing methods; job order and standard costs, joint and by-product costs, direct vs. full costing; cost allocation, cost-volume profit analysis, analytical cost reports.

420 Advanced Accounting (4)

Prerequisite: ACCT 320C. Problems associated with preparation of consolidated financial statements, foreign currency translation, partnerships, and governmental fund accounting.

421A Tax Accounting II (4)

Prerequisite: ACCT 321. Statutes, regulations, administrative rulings, and court decisions relating to federal and California income taxes of partnerships and corporations; procedural problems, tax management and planning; tax shelters.

421B Taxation of Estates, Trusts, and Gifts (4)

Prerequisite: ACCT 321. Statutory, regulatory, and case materials applicable to federal estate and gift taxes; California inheritance and gift taxes; income taxation of estates and trusts; preparation of returns.

422 Corporate Management Accounting Practice (4)

Prerequisite: ACCT 300 or 322. Contemporary management accounting practice employed by today's corporate America; both manufacturing and service industries covered.

423 Financial Accounting Theory (4)

Prerequisite: ACCT 420 and minimum B (3.0) grade point average in ACCT courses. Evolution of financial accounting theory and practice; survey of contemporary accounting field, with emphasis on latest developments and issues.

424A Auditing I (4)

Prerequisite: ACCT 320C. Auditing concepts and practices involved in financial and operational auditing, with emphasis on auditing of financial statements by the independent Certified Public Accountant.

424B Auditing II (4)

Prerequisite: ACCT 424A. Current problems in auditing, with emphasis on application of statistical sampling to auditing and audit of computer-based accounting records.

426 Accounting and Reporting Requirements of Small Business (4)

Prerequisite: ACCT 300. Theory, methodology, and practice of establishing, accounting for, and reporting in the small business. Emphasis on financing and establishing basic accounting systems and reporting requirements of creditors and taxing authorities.

427 Governmental and Institutional Accounting (4)

Prerequisite: ACCT 320B. Principles and problems of fund accounting for governments and nonprofit institutions. Budgets, revenues, expenditures, tax levies, appropriations, general fund, special funds, and financial reports. Separate treatment of local, state, and federal government agencies.

428 Internal Auditing (4)

Prerequisite: ACCT 424A. Establishment of an internal audit organization, staff selection and development, planning and controlling the audit, development of facts and supporting evidence; sampling plans and procedures; computer audits; preparation of oral and written reports.

433 Financial Planning and Control (4)

Prerequisites: FIN 303; ACCT 300 or 322. Principles and techniques involved in the formulation, enactment, and administration of the budget; relation of budget practices to scientific management in business; budget reports for analysis and control.

454 Special topics in Accounting (1-4)

Prerequisite: Varies with topic; see *Schedule of Classes* for specific prerequisite. In-depth presentation and analyses of topics significant to contemporary business world; lectures, discussions, speakers, and research projects.

Courses in Computer Information Systems (CIS)**Lower Division Courses****227 PL/1 Programming (4)**

Prerequisite: CIS 294 or CS 290. Language constructs and syntax; data types and storage control features; programming exercises.

228 Business Pascal/Ada (4)

Prerequisite: CIS 294 Programming in Pascal and Ada. Pascal portion covers structure of the language and hands-on programming assignments; Ada portion includes an introduction to Ada programming language.

280 The Computer World (4) (also listed as SOCS 280)

Basic information about computers and data base systems; terminology, technology, practical application, and social implications.

283 Introduction to Application Programming (4)

Prerequisite: CIS 294 or CS 290. Introduction to business application programming, primarily in COBOL, including data representation, input-output, calculations, report setup, sorting, control breaks, update, and structured programming concepts/techniques.

294 Business Computer Systems (4)

Computer system fundamentals; computer hardware and software concepts; programming in BASIC; introduction to microcomputer software.

Upper Division Courses

Upper division standing is prerequisite to enrollment in 300- and 400-level CIS courses.

301 Management Information Systems (4)

Prerequisites: CIS 294, ACCT 200AB. Organizational context of computer-based information systems; common business applications; information architecture; user role in systems development.

310 Software and Hardware Concepts (4)

Prerequisite: CIS 283. Technical topics related to computer systems including hardware architecture, operating systems, data communications, program translators, file management, data representation, and machine language.

316 Job Control Language (4)

Prerequisite: CIS 283. The IBM operating system control language—Job Control Language (JCL). Command language constructs, utility programs, linkage editor, and loader.

317 IBM Assembly Language (4)

Prerequisites: CIS 310; one programming course (COBOL, FORTRAN, Pascal, etc.). Basic input/output concepts; selected assembly language instructions for IBM mainframe computers; data set manipulation; system supervisor services; macros.

335 Advanced BASIC (4)

Prerequisite: CIS 294 or CS 290. Structured programming in BASIC. Sort, search techniques, built-in and user-defined functions; string manipulation, sequential direct and indexed-sequential file processing; business graphics; programming simulation and business examples.

383 Advanced Application Programming (4)

Prerequisite: CIS 283. Programming of complex, integrated business application systems; advanced language features such as table handling and subroutines; job control concepts.

407 Microcomputer Applications Development (4)

Prerequisite: CIS 301. Business applications development training using state-of-the-art microcomputer software such as Mathematica, Lotus 1-2-3, dBaseIV, Framework, and Procomm; emphasis on developing information systems in accounting, finance, production, management, and marketing.

442 Data Base Design (4)

Prerequisites: CIS 283, 301. The role of data base design in system development; entity-relationship analysis; various constraints, including logical and physical system constraints; security considerations, role of system user; data base design examples.

450 Advanced Data Base Design (4)

Prerequisites: CIS 383, 442, 482. Role of the data base administrator; data modeling; implementing data base definition, processing, and recovery.

451 Information Management Systems Concepts and Facilities (4)

Prerequisite: CIS 383. Study of Information Management System (IMS) including concepts and terminology, control blocks, data language/one, on-line, batch, BMP regions, message processing, and transaction scheduling.

452 Customer Information Control System (4)

Prerequisite: CIS 383. Introduction to CICS/VS command level with ANS COBOL including program concepts, transactions, tasks, creating maps, terminal input/output commands, and file maintenance.

454 Special Topics in Business Information Systems (1-4)

Prerequisite: Varies with topic; see *Schedule of Classes* for specific prerequisite. In-depth presentation and analysis of topics significant to contemporary business world; lectures, discussions, speakers, and research projects.

482 Systems Analysis Methods (4)

Prerequisite: CIS 283. Overview of systems development life cycle; emphasis on planning systems analysis and design activities; techniques and tools of system documentation and logical system specification; system development projects.

483 Advanced Information Systems Development (4)

Prerequisites: CIS 442, 482. Analysis, design, and specification of an information system using automated productivity tools and advanced systems development methodologies.

484 Communications Systems (4)

Prerequisite: CIS 294. Business data communications and local area network topics including data communications theory, communication hardware and software, microcomputers in communications, LANs, on-line services, electronic mail, and WANs.

486 Managing Information Systems Support (4)

Prerequisites: CIS 301, 482, MGMT 307. Effective techniques in managing data processing operations and information systems development.

487 Decision Support Systems (4)

Prerequisites: CIS 294, FIN 303, ECON 391 or MGMT 306. Computer-based decision analysis techniques and software packages; use of spreadsheet facilities, expert systems, optimization, and simulation techniques.

Courses in Economics (ECON)**Lower Division Courses****150 Economics for the Citizen (4)**

Analysis of contemporary American economic problems. Topics may include inflation, unemployment, costs and benefits of control of crime, and pollution. Not to be taken for credit by economics or business administration majors.

201 Principles of Economics I: Microeconomics (4)

Introduction to basic concepts and tools of aggregate economic analysis, prices and outputs, marketing structures, wages and profits, international trade and effects of tariffs. **CAN ECON 4**

202 Principles of Economics II: Macroeconomics (4)

Prerequisite: ECON 201. Introduction to concepts and tools of economic analysis, inflation, unemployment, balance of payments, national income, determinants of the level of economic activity, money and banking, the role of government. **CAN ECON 2**

209 Applied Business and Economic Statistics I (3)

Prerequisite: MATH 091 or satisfactory score on mathematics placement examination. Elementary business and economics statistics with computer applications; descriptive statistics, frequency distribution, probability, sampling distribution, estimation, and significance tests. Meets 5 hours weekly.

Upper Division Courses

Upper division status is prerequisite to enrollment in 300- and 400-level ECON courses.

300 Economics for Engineers (4)

(also listed as ENGR 300)

Basic economic concepts, relationships between economic and engineering problems, role of interest and capital in cost minimization, analysis of financial statements, original and alternative investments, capital depreciation, and replacement problems.

303 Money, Banking, and the Economy (4)

Prerequisite: ECON 202. Nature and flow of money and credit, influence on prices, production, and employment. The Federal Reserve and banking systems, national income, and international monetary relations.

309 Applied Business and Economics Statistics II (3)

Prerequisites: ECON 209, MATH 242. Linear statistical models and nonparametric methods emphasizing applications in business and economics, linear regression and correlation, analysis of

variance, index numbers and time series analysis, analysis of enumerative data, nonparametric statistics. Meets 5 hours weekly.

310 Economics of the Business Firm (4)

Prerequisites: ECON 202, MATH 242. Operation of a price system in a free enterprise economy; special emphasis on economic factors governing and influencing managerial decisions.

350 Economics of Poverty in the U.S. (4)

Prerequisite: ECON 150, 201, or 202. Concept and measurement of poverty; analysis of both economic causes and effects of poverty; policy implications and remedies.

390 Current Economic Problems (4)

Prerequisite: ECON 202. Analysis of significant problems of the day; role of government, incentives, groups with large market power, inflation, national debt, maintaining aggregate demand, poverty, balance of payments, and economic growth.

391 Quantitative Methods in Business and Economics (4)

Prerequisite: ECON 309. Introduction to optimization techniques used in business administration; elements of quantitative decision theory applied to business problems. Annuities with special application to cost of capital investment.

402 Labor Economics (4)

Prerequisite: ECON 202. Use of labor resources in economic system; employment, wage rates, development of unions and collective bargaining; labor legislation.

403 Macroeconomics (4)

Prerequisites: MATH 242 or 206-207; ECON 303. Macroeconomic theory; determination of national income, theories of aggregate consumption, investment, unemployment, the price level; national income and product accounts; theory of growth.

405 Economics of Public Utilities and Regulation (4)

Prerequisite: ECON 310. Principles and techniques of government regulation of prices and product quality of privately held firms; problems of growth, pricing, demand, cost behavior, and financing of regulated industries.

409 Applied Business and Economic Statistics III (4)

Prerequisite: ECON 309. Additional techniques of inference statistics; theory and use of estimation and testing of hypothesis procedures for variances, multivariate regression and correlation analysis, analysis of variance, chi-square. Innovations in time series analysis.

410 Microeconomics (4)

Prerequisite: ECON 310. Intermediate microeconomic theory; intermediate economic analysis and evaluation of market system of resource allocation and income distribution.

412 Development of Economic Thought (4)

Prerequisite: ECON 202. Survey of intellectual origins and evolution of modern economic thought.

413 Mathematical Economics (4)

Prerequisites: ECON 303, 310. Introduction to use of mathematics in dealing with economic problems. Emphasis on optimization under constraints, using tools of differential and integral calculus, matrix algebra, and linear and nonlinear programming.

414 Econometrics (4)

Prerequisites: ECON 309, 413. Use of statistics to measure economic relationships, test economic theories, and prepare forecasts. Emphasis on advanced regression techniques and data analysis; use of computer software.

415 Applied Economic and Business Forecasting (4)

Prerequisite: ECON 309. Forecasting methods using univariate Box-Jenkins, ARIMA, transfer functions, intervention analysis, single equation models, vector autoregressive models; forecast evaluations; emphasis on applications that use state-of-the-art computer software.

420 Labor Legislation (4)

Federal and state labor laws and policies. Legislation protecting employees; regulation of labor management relations; social security. Contemporary legal issues and problems.

426 International Political Economy (4)

(also listed as POLS 426)

Prerequisite: Four units each of ECON and POLS. Examination of interaction of politics and economics in the international arena.

433 Public Finance (4)

Prerequisites: ECON 202; 303 recommended. Economic role of government. Principles of government taxation, borrowing, spending; their impact on households, enterprises, and the national economy.

435 Employment, Inflation, and Growth (4)

Prerequisite: ECON 303. Causes of inflation, slow economic growth, and unemployment in the national economy. Policies and tools for anticipating and correcting these problems.

440 Urban and Regional Economics (4)

Prerequisite: ECON 201. Introduction to role of economic analysis in dealing with urban and regional problems; growth, land use, housing, transportation, and income distribution. Emphasis on role of economic models in policy making.

454 Special Topics in Economics and Statistics (1-4)

Prerequisite: Varies with topic; see *Schedule of Classes* for specific prerequisite. In-depth presentation and analysis of topics significant to contemporary business world; lectures, discussions, speakers, and research projects. May be repeated as subject matter changes.

460 Economic Growth of Underdeveloped Areas (4)

Prerequisite: ECON 202. Overview of economic factors that influence development of today's low income countries. Theories of development; problems with labor, capital, technology, and entrepreneurship; role of trade and international finance, government policy.

461 Principles of International Economics (4)

Prerequisites: ECON 202. Economic analysis of how and why commodities are traded among nations; tariffs and quotas; common market and other international institutions.

462 International Monetary Economics (4)

Prerequisite: ECON 202. International banking and financial markets, foreign exchange markets, economic adjustment mechanisms for balance of payments disequilibria, policies for internal and external balance, and the international monetary system.

471 American Economic History (4)

Prerequisite: One lower division ECON course. Examination of sources and patterns of American economic development with emphasis on analysis of contemporary economic problems and policies in their historical setting.

472 Labor Relations and Collective Bargaining (4)

Prerequisite: ECON 202. Recommended prerequisite: ECON 402. Relations between employers and employees as the latter are represented by organized labor. Collective bargaining as it relates

to recognition, wages, hours, working conditions, grievance procedure, seniority, and health and safety.

480 Comparative Economic Systems (4)

Prerequisite: One lower division ECON course. Comparison of economic systems including goals, degree of centralization, and underlying ideology. Economies of various countries examined, including Soviet Union, Mainland China, U.S., and selected Third World nations.

490 Economic Issues and Policies (4)

Prerequisites: ECON 202; 303 or 390. Priorities, goals and economic issues; laissez-faire capitalism versus "welfare-state" capitalism, or the conservative-liberal argument; responsibility of groups with large market power, current economic issues.

491 Sampling Theory and Techniques in Research (4)

Prerequisite: ECON 309. Techniques for conducting quantitative research in business, economics and related fields through sampling; theory of sampling designs and methodology in framework of complete process for conducting a study.

499 Undergraduate Directed Study (1-4)

Prerequisites: Economics major, senior standing, and consent of an instructor to act as sponsor; ability to assume responsibility for independent work and to prepare oral and written reports. Project to be selected in conference with sponsor before registration; progress meetings held regularly. May be repeated for credit.

Courses in Finance (FIN)**Lower Division Courses****203 Law for the Citizen (4)**

Introduction to aspects of law affecting personal life. Legal system, crimes, torts, contracts, vehicle ownership, home ownership, marriage, divorce, consumer law, employment, checks and promissory notes, and business organizations. Credit allowed for only one of FIN 203 and 205.

205 Foundations of Business Law (4)

Prerequisite: Sophomore standing. Development and functions of common law, mercantile law, and the courts. Law contracts, agency, and sales. Credit allowed for only one of FIN 203 and 205.

CAN BUS 8**Upper Division Courses**

Upper division standing is prerequisite to enrollment in 300- and 400-level FIN courses.

303 Business Finance (4)

Prerequisite: ACCT 200B. Principles of planning, procuring, and controlling short and long-term financial resources of businesses; cash and capital budgeting; securities markets, costs of capital, and equity valuation.

305 Commercial Law (4)

Prerequisite: Four units of business law. Forms of business organization; partnerships, corporations; securities regulation, commercial paper, bankruptcy, legal responsibilities of accountants and business management.

330 Credits and Collections (4)

Business and social functions of credit, classifications of credit and credit instruments, investigation and analysis of credit risks, management and control of credit/collection processes.

331 Financial Institutions and Markets (4)

Prerequisites: ECON 202, FIN 303. Characteristics, functions, and operations of financial institutions in money and capital markets;

planning, procuring, and administering assets of banking and non-banking financial institutions.

332 Investments (4)

Prerequisite: FIN 303. Principles of investment, survey of corporate securities, basic risks of investment, individual and institutional programs, principles of investment analysis, and selection of stocks and bonds.

335 Risk Management and Insurance (4)

Insurance as an economic and business institution; survey of fire, casualty, and life insurance for those interested as potential consumers or for a career.

338 Real Estate Principles (4)

Introduction to economics of land ownership and use; fundamentals of ownership, financing, appraisal, management, and transfer of residential and other real property.

339 Real Estate Practice (4)

Prerequisite: FIN 338. Analysis of real estate contracts, agency and brokerage relationships, physical components of real estate, private ownership interests, documents of transfer, escrows, title insurance, recording, and professional licensing.

381 Real Estate Law (4)

Prerequisites: FIN 338, four units of business law. Legal aspects of real property ownership and management; emphasis on California law affecting escrows, contracts, licensing, brokerage, co-ownership, deeds, conveyances, trust deeds, mortgages, titles, encumbrances, estates in land, and leases.

429 Estate Planning (4)

Prerequisites: FIN 205, 303. Planning, creating, conservation, and transfer of individual wealth; case studies relating to investments, insurance, wills, probate, trusts, estate and gift tax, and avoiding probate and minimizing taxes.

430 Commercial Bank Administration (4)

Prerequisites: FIN 303. Case studies of organization, operation, and policies of commercial banks; sources and uses of bank funds; cash and reserve positions, securities and loan portfolios. Utilizes a simulation approach to bank management.

431 Multinational Financial Management (4)

Prerequisite: FIN 303. Application of principles of managerial finance to international and multinational business; analysis of risks and problems unique to businesses involved in transnational operations; international sources and uses of funds.

432 Real Estate Management (4)

Prerequisite: FIN 338. Management of real property as part of the real estate industry; nature, functions, scope of management principles, services, property care, tenant relations, and records.

434 Financial Management (4)

Prerequisites: FIN 303, ACCT 300 or 322. Case studies of problems in planning, procuring, and maintaining optimum distribution of financial resources of business organizations; applications of principles used in financing of industrials, utilities, trading enterprises, and selected financial institutions.

435 Working Capital Management (4)

Prerequisites: ACCT 300, ECON 309, FIN 303. Decision oriented, analytical approaches to problems and practices related to and arising in the course of financing and managing the acquisition, maintenance, and disposition of working capital assets.

436 Business Risk Management (4)

Negligence liabilities and related business risk problems: Workers' compensation, surety and fidelity, crime and peril, and their usefulness as tools of the business risk manager.

437 Securities Analysis (4)

Prerequisite: FIN 332. Investment practice in analysis of financial statements, selection and valuation of stocks and fixed-income securities, stockholder-management relations, applied securities analysis.

438 Real Estate Valuation (4)

Prerequisite: FIN 338. Valuation of real property; economic analysis of trends and factors influencing real estate ownership, development, and use; current appraisal theory.

439 Real Estate Finance (4)

Prerequisite: FIN 338. Position of real estate finance in the economy. Techniques and procedures used in financing real property, including sources of funds, lending policies, and instruments used in California today.

454 Special Topics in Finance (1-4)

Prerequisite: Varies with topic; see *Schedule of Classes* for specific requirement. In-depth presentation and analysis of topics significant to contemporary business world; lectures, discussions, speakers, and research projects.

480 International Business Law (4)

Prerequisite: Four units of business law. Legal issues that arise in international trade, licensing, and investment; national and international limitations that influence the movement of goods, labor, and technology.

492 Real Estate and Governmental Policy (4)

Prerequisite: FIN 338. Functioning of real estate industry within constraints and incentives of governmental policies; development and environmental regulations; income and property taxation; rent controls and housing for disadvantaged.

493 Real Estate Investment (4)

Prerequisite: FIN 338. Principles of investing in real estate. Analytic techniques and economic strategies for maximizing after-tax returns from land, residential properties, shopping centers, and other real estate.

494 Financial Management for Small Business (4)

Prerequisites: ACCT 300, FIN 303. Principles and practices of financial management for small business. Analytic techniques and financial strategies for financing and managing the resources of small businesses efficiently and profitably.

Courses in Management (MGMT)

Upper Division Courses

Upper division standing is prerequisite to enrollment in 300- and 400-level MGMT courses.

306 Production and Operations Management (4)

Prerequisites: ECON 209, MATH 242. Analysis and applications of concepts and techniques of the quantitative approach, systems analysis, and operations analysis to managerial functions, with emphasis on production.

307 Management and Organizational Behavior (4)

Analysis of management process with emphasis on business environment, interpersonal and intergroup processes and relationships in organizations.

308 Business Responsibilities in Society (4)

Introduction to the business person's responsibilities and obligations in contemporary society; principles and problem-solving techniques related to major social problems confronting business organizations.

454 Special Topics in Management (1-4)

Prerequisite: Varies with topic; see *Schedule of Classes* for specific requirement. In-depth presentation and analysis of topics significant to contemporary business world, lectures, discussions, speakers, and research projects.

459 Women in Management (4)

Prerequisite: MGMT 307. Environmental, organizational, interpersonal, and individual factors that induce or inhibit the introduction and growth of women in management; impact of changing status on organizational, professional, and personal effectiveness.

460 Case Studies in Production and Operations Management (4)

Prerequisite: MGMT 306. Undergraduate seminar that analyzes factory management, including such topics as industrial standards, schematic and quantitative models, production management and control, programming aggregate rates of production, inventory control, and production scheduling.

461 Management Theory and Practice (4)

Prerequisite: MGMT 307. Undergraduate seminar covering development of theory of management through analysis and integration of fundamental relationships and principles; current and past practices analyzed in planning, organizing, directing, and controlling.

462 Comparative Management (4)

Prerequisite: Senior or graduate standing. Identification and analysis of management systems in differing national, functional, or institutional settings; impact of economic, social, political, and cultural variables on management systems; universality of management principles.

463 Motion and Time Study (4)

Prerequisites: ECON 309, MGMT 460. Quantitative aspects of scientific management including elements of motion economics, operation analysis, flow process charts, and time study with an introduction to methods-time measurement (written reports in these areas).

464 Production and Inventory Management (4)

Prerequisite: MGMT 306. Design of information and decision systems for allocating resources and scheduling activities; development of conceptual structures guiding integrated production and inventory systems in manufacturing environments; introduction of computerized MRP systems.

465 Purchasing Management (4)

Prerequisite: MGMT 306. Analysis and application of purchasing principles and procedures; organization of purchasing departments and relation to other departments; criteria for make-or-buy; supplier selection; quality, value, and cost analysis; supplier negotiations.

466 Managerial Innovation (4)

Prerequisite: MGMT 307. Intensive investigation of managerial innovation through analysis of cases; determinants, strategies, and impact of invention, adoption and implementation of new techniques and approaches in managing organizations.

467 Quality Control (4)

Prerequisite: ECON 309. Control of quality of manufactured products by statistical methods; control charts for variables, frac-

tion defective; defects per unit; acceptance sampling; single, double, and multiple sampling methods; sampling tables.

468 Small Business Management (4)

Prerequisite: Majority of core courses. Use of case study method to investigate and analyze problems related to plant location, labor relations, organization control, finances, taxation, and others of interest to small business entrepreneur.

469 Managing Human Resource Development (4)

Principles, methods, and procedures for orienting, inducting, designing skill-building programs for, training, and educating/developing employees at all levels of business, governmental, and third sector organizations.

470 Managerial Leadership and Motivation (4)

Prerequisite: MGMT 307 or NURS 488. Nature, resources, strategies, and models of complex organizations; case analyses of process of managerial leadership, motivation, interpersonal relationships in work groups; impact on organizational effectiveness.

471 Managing Positive Employment Relations (4)

Prerequisite: MGMT 473. Principles, methods, and processes for creating and managing positive relationships with individual employees at all levels of an organization, and with employees who are members of labor organizations (union or nonunion).

473 Personnel Management (4)

Prerequisite: MGMT 307. Principles, methods, and procedures in effective utilization of human resources; development and objectives of personnel management, labor budgeting, job analysis, recruitment, selection, placement, training, wage and salary administration, and working conditions.

474 Compensation Management (4)

Prerequisite: MGMT 473. Theory and practices of wage and salary administration; job analysis and preparation of job descriptions, use of job evaluation scales, establishment of pay systems, performance appraisal, and additional compensation techniques.

475 Cases in Personnel Management (4)

Prerequisite: MGMT 473, courses in psychology, sociology, and labor economics recommended. Application of principles and methods of personnel management to specific cases, with view to developing proficiency in dealing with issues in personnel procurement, development, compensation, integration, and maintenance.

476 Personnel Interviewing (4)

Prerequisite: MGMT 473. Employment and evaluation interviews as management tools; analysis of interviewing process, including validity and reliability, legal and social constraints, and decision-making process.

477 Managing the Staffing Function (4)

Prerequisite: MGMT 473. Staffing as a human resources management function. Analysis of the staffing process, including planning, recruitment, and the final selection decision, with particular attention given to legal, social, and organizational constraints.

478 Financial Management of Health Care Institutions (4)

Financial management decision making in health care institutions with emphasis on techniques of budget development.

479 Seminar: Business in Its Social Setting (4)

Prerequisite: MGMT 308 or graduate standing. Analytical interdisciplinary investigation of evolution and contemporary status of business relative to changing dynamic forces: social, political, legal, and economic.

480 Managerial Issues of Automation and Robotics (4)

Managerial issues dealing with robotics and automated processes; feasibility, flexibility, productivity, and efficiency of robots with emphasis on how management, unions, and labor should deal with them.

485 Project Management (4)

Project management theories for planning and controlling resources to accomplish complex projects; case analyses from business and nonprofit organizations; exercises with selected project management software.

496 Operations Research (4)

Prerequisite: MGMT 306. Evaluation and application of operations research methods as a tool for management decision-making.

497 Integrated Decision Making in Business (4)

Prerequisite: Business core requirements. Integrates business knowledge developed in core courses, provides interdisciplinary exposure to complex executive decisions in business, including conditions of uncertainty.

Courses in Marketing (MKT)**Upper Division Courses**

Upper division standing is prerequisite to enrollment in 300- and 400-level MKT courses.

304 Principles of Marketing (4)

Product planning, pricing, distribution, and promotion of goods and services. Market research, consumer behavior, international business, and the industrial market.

340 Principles of Advertising (4)

Prerequisite: MKT 304. Marketing and economic functions of advertising. Survey of roles played by clients, agencies, advertising departments, media, and auxiliary organizations in field.

341 Salesmanship (4)

Prerequisite: MKT 304. Fundamentals of selling and sales management; concentration on sales techniques with student presentations of critiques and analyses; procedures for selection, training, compensation, and supervision of sales personnel.

342 Consumer Behavior (4)

Prerequisite: MKT 304. Reactions of consumer to promotional activities of retailers; concepts of consumer strategy and tactics; importance of product image, brand, package influence, and store image in influencing consumer purchases.

344 Principles of Retailing (4)

Structure of retailing industry; retailing trends; retail store organization; understanding retail consumers; store location, design, and layout; basic fundamentals of operating a retail business; retail controls and evaluation.

345 Marketing Channels (4)

Prerequisite: MKT 304. Marketing channels, their development, structure, and operation; transactional and physical distribution by manufacturers, wholesalers, and retailers as parts of total marketing system.

346 Marketing of Services (4)

Prerequisite: MKT 304. Marketing of services including promotion and pricing practices and strategies; practices of franchising and specific services sectors.

349 Retail Merchandising and Sales Promotion (4)

Prerequisite: MKT 304. Analysis of merchandising and sales promotion functions performed by retailers. Covers market seg-

mentation, merchandising policies, budgeting, buying, inventory management, and pricing; emphasis on retail promotional planning, implementation, and evaluation.

350 Introduction to Transportation (4)

Importance of water, railway, highway, air, and pipeline transport modes in modern economy. Discussion of carrier management, government participation, and use of energy in transportation systems.

351 Industrial Transportation (4)

Prerequisite: MKT 304. Methods of purchasing transportation service used by business firms in solving shipping problems. Includes new transportation alternatives, domestic and international planning and documentation, and effects of government regulation and deregulation.

352 World Air Transportation (4)

Prerequisite: MKT 304. Role of domestic, international, and foreign airlines in moving people and goods; history, operations, and marketing. Students analyze airline case studies and related materials concerned with identifying and satisfying air travel market.

353 Marketing Travel and Tourism (4)

Prerequisite: MKT 304. Examination of marketing activities in growing international travel industry. Components of tourism, methods, socioeconomic importance, motivation, and marketing of travel. Individual student research of travel market segments under instructor supervision.

357 Financial Aspects of Retailing (4)

Prerequisite: MKT 304. The fiscal aspects involved in operating a retail business; capital acquisition, expense budgeting, expense control, retail inventory valuation, credit management, and performance measurement.

358 International Business (4)

Business conducted within a world environment; transactions comprising international business. Institutional setting abroad; scope of managerial decision-making in international business operations.

359 Consumerism (4)

Consumer movement and its impact on marketing; marketing's attempt and success at countering and adapting to consumerism; marketers' responsibilities to consumer.

440 Advanced Advertising and Promotion (4)

Prerequisite: MKT 340. In-depth review of advertising and promotion management; emphasis on strategic decision-making through case study analyses; supplemental topic areas include sales promotion, agency/client relations, and measurement/evaluation techniques.

441 Industrial Marketing (4)

Prerequisite: MKT 304. Analysis of various types of industrial goods and markets for them, including government agencies; product planning; marketing research; determination of marketing channels; pricing policies; sales promotion; and cost distribution.

442 Marketing Management (4)

Prerequisite: MKT 304. Intensive study of marketing management, with emphasis on marketing environment. Development of marketing strategies and formulation of policies; integration of marketing with other functional areas of business through case studies.

443 Marketing in a New Business (4)

Prerequisite: MKT 304. Introduction of a new business or product concept into marketplace. Emphasis on small business marketing entrepreneurship.

444 Sales Management (4)

Prerequisite: MKT 304. Design, development, and administration of a cohesive total sales management program; scope and standards of supervision as applied to sales field; selection, training, and compensation of salesperson; motivation, evaluation, and control of sales personnel.

445 Public Relations Methods for Business (4)

Prerequisite: MKT 304. Public relations policies and techniques for business enterprises; development of good relationships with customer, employee, stockholder, government, and general public. Role of research, publicity, and mass media in public relations.

446 Marketing Research (4)

Prerequisites: MKT 304 and ECON 209. Marketing research functions and procedures utilized in measuring and analyzing environmental factors in consumer demand, sales efficiency, effectiveness of promotional programs, and effects of competitor's strategies; methods of product distribution and pricing research. Projects emphasize current marketing research techniques.

447 Business Consulting (4)

Prerequisite: Majority of upper division core courses. Analytic, administrative, and communicative aspects of consulting and counseling processes. Application of functional knowledge and skills to consultation.

448 Mail Order/Direct Response Marketing (4)

Prerequisite: MKT 304. The growing direct marketing industry: catalogs, direct mail, broadcast and print media, and telemarketing; strategic applications in marketing/promotions plans of existing and entrepreneurship business situations.

449 Retail Planning and Policy Making (4)

Prerequisite: MKT 304. Retail strategic environmental/competitive appraisals; retail goal setting; competitive positioning and market share strategy; retail sales forecasting; and techniques of constructing, communicating, and implementing retail plans.

450 Seminar: Transportation Regulations (4)

Prerequisite: MKT 304. Transportation regulations, including bases, history, and case studies of leading litigation-testing transportation regulatory acts.

451 Seminar: Modern Transportation (4)

Prerequisite: MKT 304. Uses of transportation theory and principles in discussion of current issues and problems involved in moving goods and people within and between cities of the world.

452 Physical Distribution Management (4)

Prerequisite: MKT 304. Cases and problems in logistics to show how distribution manager uses systems concept and cost tradeoffs in procuring transportation, storage, and optimum inventory for business firm.

453 Marketing for Nonprofit Organizations (4)

Prerequisite: MKT 304. Examination of relationship of marketing principles and marketing analyses to performance of nonprofit institutions in U.S. economy by use of case studies.

454 Special Topics in Marketing (1-4)

Prerequisite: Varies with topics; see *Schedule of Classes* for specific requirement. In-depth presentation and analysis of topics significant to contemporary business world; lectures, discussions, speakers, and research projects.

455 Proseminar: International Transportation (4)

Prerequisite: MKT 304. Use of ocean vessels, air transport, intermodal carriers, and foreign freight forwarders to move goods in our import/export trade. Discussions of multimodal concept, documentation, and marine insurance.

456 International Marketing Management (4)

Prerequisite: MKT 304. International marketing operations: product policies, pricing, advertising, distributional channels, marketing research. Factors governing the decision to engage in foreign transactions. In-depth market studies.

457 Import-Export (4)

Prerequisite: MKT 358. Import-export operations: organization, regulation, terms of access, documentation, shipment and financing involved with international movement of merchandise; trade patterns by countries and commodities.

458 Proseminar: Marketing and the Multinational Firm (4)

Prerequisite: MKT 358. International market entry and expansion; marketing management strategies, unique marketing problems of multinational firms, developing marketing management expertise for international business; future of multinational firms.

460 Retail Store Management and Operations (4)

Prerequisite: MKT 304. Physical distribution, customer service, store housekeeping, and loss prevention functions of retailers. Organizational structure, staffing, and administration of individual store outlets of multiunit retailers.

Courses in Office Systems and Business Education (OSBE)

Lower Division Courses

104 Beginning Keyboarding and Introduction to Word Processing (3)

Touch method of microcomputer keyboard operation, development of speed and accuracy, and introduction to word processing on a microcomputer. For students with minimal or no typing/keyboard knowledge.

113 Organization of American Business (4)

Scope, function, and organization of modern business; fundamental concepts, principles, and current practices in the major areas of business activity. Not open to Business Administration and Economics majors.

154 Special Topics in Office Systems and Business Education (1-4)

Prerequisites: Instructor consent and as needed for specific topic. Current topics of special interest in office systems and business education, as announced in *Schedule of Classes*. May be repeated for credit.

213 Word Processing Applications (3)

Prerequisite: OSBE 104 or equivalent keyboard/typing skills. Development of intermediate and advanced word processing production skills on a microcomputer; machine transcription. Activity 6 hours.

Upper Division Courses

Upper division standing is prerequisite to enrollment in 300- and 400-level OSBE courses.

301 Business Communications (4)

Prerequisite: ENGL 190. Principles of business communication; emphasis on clear and correct written communication as a tool for business decision making.

313 Office Organization and Management (4)

Management functions applied to the traditional and automated office environment; layout, equipment evaluation and selection, forms design and control, administrative services-mailroom, reprographics, in-plant printing, word processing, and records administration.

401 Business Research and Report Writing (4)

Prerequisites: ENGL 190, senior or graduate standing. Study of reports in business, education, and government; emphasis on collecting data and developing findings, conclusions, and recommendations. Students conduct research and write a report in an area of interest.

410A Problems of Business Education I (3)

Prerequisite: All lower division business education requirements. History and philosophy of education for business, including aims, scope, organization, and administration; study of current business education concepts, issues, and trends at secondary and college levels.

410B Problems of Business Education II (3)

Prerequisite: OSBE 410A. Programs, equipment, layout, and materials for business training; opportunity to learn how to plan, to carry out plans, and to evaluate; modern trends in business, motivational devices.

412 Advanced Office Systems (4)

Prerequisite: OSBE 313. Evaluation, implementation, and management of advanced office system technologies. Meets Data Processing Management Association Information Systems Model Curriculum criteria.

414 Records Systems Administration (4)

Prerequisite: OSBE 313. Principles of records creation, retention, transfer, and disposal. Organization and management of stored records. Coding, microfilming, and retrieval of information. Use of manual, mechanical, and computer means of storing and retrieving information.

417 Organization and Administration of Distributive Education (4)

Prerequisites: OSBE 410AB, MKT 304. Current trends and practices regarding development/maintenance activities of a distributive education program. Policy and procedure analysis of the operational components of the program.

418 Distributive Education Program Systems (4)

Prerequisite: OSBE 417. Planning, implementing, and supervising simulated directed work experience, and project-based program of delivery systems in Distributive Education. Fundamentals of cooperative education, community classroom (ROC/P), DECA activities, and laboratory projects emphasized.

420 Office Information Processing Software Applications (4)

Prerequisites: OSBE 213, 313. Survey and evaluation of office automation software; computer-based instruction in use of nonintegrated/integrated word processing, spreadsheet, data base, and business graphics programs.

421 Human Resources in the Automated Office (4)

Prerequisite: OSBE 313. Personnel supervision practices and policies in the office; selection, training, motivation, performance appraisal, job analysis, employee benefits, labor-management relations, impact of automation on employees.

422 Microcomputer Applications—Data Base and Spreadsheet I (3)

Prerequisite: OSBE 104 or 213 or CIS 294. Intensive microcomputer-based instruction in popular financial spreadsheet and data base applications software such as Lotus 1-2-3 and dBase III Plus.

423 Microcomputer Applications—Data Base and Advanced Spreadsheet II (3)

Prerequisite: OSBE 422. Intensive and advanced microcomputer-based software instruction in most popular business spreadsheet and data base applications software such as Lotus 1-2-3 and dBase III+.

454 Special Topics in Business Education and Office Administration (1-4)

Prerequisite: Varies with topic. See *Schedule of Classes* for specific prerequisite. In-depth presentation and analysis of topics significant to contemporary business world: lectures, discussions, speakers, and research projects.

ADMINISTRATION OF THE SCHOOL OF EDUCATION

Divisions within the School

Division of Administration and Counseling

Division of Curriculum and Instruction

Division of Educational Foundations and Interdivisional Studies

Division of Special Education

SCHOOL OF EDUCATION

Office of the Dean

OFFICE
King Hall D2069
Phone: (213) 343-4300

Office of the Associate Dean for Instruction and Graduate Studies

OFFICE
King Hall D2070
Phone: (213) 343-4303

Office of the Associate Dean for Student Services

OFFICE
King Hall D2078
Phone: (213) 343-4322

The School of Education offers programs leading to the Bachelor of Science degree in Rehabilitation Services, certification for specified fields of professional employment in California public schools, and the advanced degrees of Master of Arts in Education, Master of Arts in Educational Administration, Master of Arts in Special Education, Master of Arts in Teaching English to Speakers of Other Languages (TESOL), Master of Arts in Urban Education, Master of Science in Counseling. A Doctor of Philosophy degree in Special Education is offered jointly with the University of California, Los Angeles.

Graduate degree, advanced credential, and graduate level certificate programs, are described in the *Graduate Programs* section.

Admission to Programs

Admission to the university does not automatically admit students to credential or postbaccalaureate study in the School of Education. Formal application is required for admission to a specific degree or credential program. Applications for all degree and credential programs must be filed with the School of Education Student Services Office.

Accreditation

The School of Education is nationally accredited by the National Council for Accreditation of Teacher Education (NCATE). All credential programs are approved by the California Commission on Teacher Credentialing.

Credential Programs

University programs have been approved for the following credentials and areas of specialization.

- *Teaching Credentials:* Multiple Subject, Multiple Subject/Bilingual Emphasis, Single Subject (preliminary professional clear, internship), Designated Subjects
- *Specialist Credentials:* Reading/Language Arts, Special Education
- *Services Credentials:* Administrative Internship, Clinical-Rehabilitative, Health-School Nurse, Library, Orientation and Mobility for the Blind, Preliminary Administrative, Professional Administrative, Pupil Personnel, School Counseling and Child Welfare and Attendance, School Psychology and Child Welfare and Attendance, School Psychology (internship)

Because credential programs described in this publication are subject to change without notice, students are urged to seek current information concerning new credential requirements from the appropriate division in the School of Education.

Candidates seeking additional authorization on prior credentials must seek advisement from the appropriate division about applicability of current courses to those requirements. Advisement of students working toward a credential is provided by both their major department and the Division of Curriculum and Instruction. General advisement about School of Education programs is available in the Student Services Center, King Hall D2078.

Recommendation for teaching credentials and eligibility for waiver of subject matter examinations are contingent upon satisfaction of all requirements specified in each area.

ADMINISTRATION AND COUNSELING

School of Education

DIVISION OFFICE

King Hall C1065

Phone: (213) 343-4250

The Faculty

Emeriti: Eugene Benedetti, Robert B. Benoit, Isaac Barman, V. Patricia Beyer, David Bilovsky, John A. Dahl, Harold D. Hall, Lyle Hanna, Ralph E. Kloepper, Jane E. Matson, Donald G. Mortensen, Selmer Ostlie, Gerald Prindiville, Gerald R. Rasmussen, Fred G. Rhodes, Joseph Stubbins, Roy T. Tozier.

Professors: Shirlee D. Davis, Edmond C. Hallberg, Raymond E. Hillis, Raleigh Jackson, Randall B. Lindsey, Peter L. LoPresti, G. Roy Mayer, Lynda K. Mitchell, James I. Penrod, J. Leonard Steinberg, R. Carol Sweeney (*Chair*), Hershel Swinger, Raymond D. Terrell, Joan B. Wilson.

Associate Professors: Kathleen Cohn, George K. Hong, Ruth S. Johnson, Sharon Kay Johnson, Edward Negrate, Jr., Thomas H. Peeler, Alex J. Pulido, Marcel Soriano.

Assistant Professors: Martin G. Brodwin, Michael J. Carter, Pauline Mercado.

Program advisement provided for:

- Administration and supervision programs for master's degrees and credentials
- Counseling programs for master's degree, credentials, and state license
- B. S. degree in Rehabilitation Services

Courses offered in:

- Counseling (COUN)
- Educational Administration (EDAD)

EDUCATIONAL ADMINISTRATION. Educational Administration programs include the Master of Arts degree in Educational Administration and the Preliminary and Professional Administrative Services credentials. The credential program is approved by the Commission on Teacher Credentialing. These programs are described in the *Graduate Programs* section.

COUNSELOR EDUCATION. Counselor Education programs include the Bachelor of Science degree in Rehabilitation Services and the Master of Science degree in Counseling with specialized options. The master's degree and various credential and certificate programs are described in the *Graduate Programs* section.

Bachelor of Science Degree in Rehabilitation Services

The Bachelor of Science degree in Rehabilitation Services specializes in rehabilitation services for people with disabilities, e.g., physical, emotional, and social, and prepares students for graduate professional training as rehabilitation counselors; community college counselors; school counselors; applied behavior analysts; marriage, family, and child counselors; and school psychologists.

Advisement

Rehabilitation Services majors must select an adviser by the end of the first quarter of their junior year to draw up an official degree program.

Requirements for the Major (94-104 units)

The degree requires a total of 186 units of which 94-104 are in the major. The major includes 18 lower division and 60-61 upper division required units plus 16-25 units of electives.

Lower Division Required Courses (18 units):

- COUN 200AB Introduction to Rehabilitation Services in Counseling (3, 3)
 ECON 150 Economics for the Citizen (4)
 PSY 150 Introductory Psychology (4)
 SOC 201 Principles of Sociology (4)

Upper Division Required Courses (60-61 units)

- COUN 405AB Theoretical and Developmental Aspects of Behavior (4, 4)
 COUN 406 Behavioral Counseling and Self-Management (4)
 COUN 428 Measurement Issues in Counseling (4)
 COUN 442 Medical Factors in Rehabilitation (3)
 COUN 445 Developmental Self-Exploration (2)
 COUN 448 Career Counseling for Adults (4)
 COUN 449 Job Development and Work Evaluation (4)
 COUN 494 Seminar: Rehabilitation Services (3, 3)
 COUN 495 Field Work in Rehabilitation Services (3, 3, 3)
 EDFN 452 Statistics in Education (4) or
 PSY 302 Statistical Methods in Psychology (5)
 EDSP 400 Education and Psychology of Exceptional Individuals (4)
 HS 456 Health Studies on Alcohol, Narcotics, Nutrition, and Tobacco (4)
 SOC 447 Sociology of Occupations and Professions (4)

Electives in Related Fields (16-25 units):

Select at least one course from three of the five groups.

Family and Consumer Sciences:

- FSCS 441 Urban Family, Its Resources (4)
 FSCS 443 Management Problems in Urban Housing (4)
 FSCS 445 Management for Aged or Physically Handicapped (4)

Health Science:

- HS 465 Strategies in Drug Abuse Prevention (2)
 HS 467 Problem Drinking and Alcoholism (3)
 HS 468 Problems in Controlled Substances (3)

Psychology:

- PSY 410AB Abnormal Psychology (4, 4)
 PSY 442 Industrial and Organizational Psychology (4)
 PSY 445 Community Psychology (4)

Sociology:

- SOC 422 Social Psychology (4)
 SOC 425 Medical Sociology (4)
 SOC 426 Deviant Behavior (4)
 SOC 430 Urban Sociology (4)
 SOC 448 Social Class and Inequality (4)

Special Education:

Any 400-level course approved by adviser.

CURRICULUM AND INSTRUCTION

School of Education

DIVISION OFFICE
King Hall C2097
Phone: (213) 343-4350

The Faculty

Emeriti: Constance E. Amsden, Ratna Appadurai, John M. Austin, Mary A. Bany, Dan Cappa, Doris C. Ching, Persis H. Cowan, Earl W. Denny, Robert J. Forbes, Jewel Garner, Gloria S. Graham, Iris Timson Gwinn, Robert O. Hahn, Lyle Hanna, John O. Jones, Aaron Kriegel, Roderick Langston, Leslie W. Nelson, June DeBode Oxstein, Anne M. Palmer, Dorothy R. Packham, Edythe Rodriguez, Delwyn G. Schubert, Randolph G. Service, Carol J. Smalenburg, Bernice B. Smith, Harry K. Thrasher, Philip D. Varo, Marian E. Wagstaff, Eleanore C. Wilson.

Professors: Ralph Arroyo, Norman D. Berke, James A. Bolton, Harold C. Brown, Alan N. Crawford, Norman L. Ellenberg, Janet C. Fisher, J. Dennis Heim, Dorothy L. Keane, Dale L. Knapp, Raquel Montenegro, Donald A. Nielsen (Chair), Richard A. Rundall, John L. Townley, Judith M. Washburn, Wanna M. Zinsmaster.

Associate Professors: Herminia Cadenas, Michael E. James, Chogollah Maroufi, Andrea P. Maxie, Darlene M. Michener, Joan Sabrina Mims.

Assistant Professors: Cherie De Jong, Mary Lou Nevin, Gay Yuen Wong.

Program advisement provided for:

- Early Childhood Education
- M.A. degree options:
 - Elementary Teaching
 - Secondary Teaching
- Multiple Subject credential (including bilingual emphasis and intern options)
- Reading/Language Arts Specialist
- Single Subject Credential (and intern option)

Courses offered in:

- Curriculum and Instruction (EDCI)
- Elementary Education (EDEL)
- Secondary Education (EDSE)

Admission to Credential Programs (General Information)

Admission Requirements for Multiple Subject and Single Subject Credential Programs

Under current laws and regulations, the Commission on Teacher Credentialing initially issues a credential, permit, or certification, or renewal of an emergency credential, only to persons to serve in the public schools who have demonstrated proficiency in basic reading, writing, and mathematics skills in the English language. The Superintendent of Public Instruction has adopted the California Basic Educational Skills Test (CBEST) as the state assessment instrument to measure teacher proficiency in the basic skills. Further information is available at the School of Education Student Services Center, KH D2078.

Admission requirements are based on Title 5, California Code of Regulations, and university regulations. Students seeking admis-

sion to Cal State L.A. teaching credential programs must enroll in EDCI 300, Introduction to the Teaching Profession. Requirements for preliminary admission to credential programs include the following. Students must complete all requirements to receive credit in EDCI 300.

- Complete application form.
- Record of oral interview with faculty adviser and completion of *Program Planning Sheet* (signed by adviser).
- Verification of academic eligibility, as evidenced by a grade point average at or above the median of undergraduate students in the candidate's academic major but in no case lower than 2.5. The grade point average is based on the cumulative work at Cal State L.A. (minimum of 45 units attempted) or, if fewer than 45 units attempted at Cal State L.A., the cumulative work attempted at all campuses.
- Verification of negative TB test (taken within the last year) by a personal physician or at the Cal State L.A. Health Center.
- Verification of completion of PSY 150.
- Verification of having applied for the *Certificate of Clearance*.
- Successful completion of a supervised field experience.
- A written personal history that includes a statement of professional goals and educational philosophy.
- Transcripts and letters of reference received and evaluated.

Completion of Admission Requirements. Students must satisfy the following criteria before registering for any restricted courses.

- Minimum C grade in SPCH 150 or passing score on Cal State L.A. Speech Proficiency Evaluation.
- Pass UNIV 400, the Writing Proficiency Examination (WPE).
- Verification of having taken the CBEST. (Students who have not passed the CBEST prior to entry into the credential program must have an approved plan of remediation on file with the Student Services Center in the School of Education.)

Students are formally admitted to the teaching credential program upon completion of requirements stated above.

Admission Requirements for Multiple Subject and Single Subject Internship Credential Programs

- Employment or commitment by a school district to employ the individual as a full-time teacher.
- Completion of all requirements previously developed for admission to Preliminary Credential Programs.

Admission Requirements for Professional, Clear Multiple Subject and Single Subject Credential Programs (for transfer students who hold a preliminary credential)

Students who complete the preliminary credential at Cal State L.A. may continue on for the clear credential. No additional application to the School of Education is necessary. Transfer students must meet the following requirements. State of California teaching credential requirements include a fifth year of study completed after the baccalaureate. Students may elect to complete all or part of their professional requirements in the fifth year and must follow a planned course of study approved by their adviser. In some instances courses that are taken as part of a master's degree program may also count toward completion of the fifth year creden-

tial requirement. All students who desire university recommendation for completion of the clear credential *must be formally admitted to the university and satisfy any writing or speech requirements pertaining to all postbaccalaureate students.*

- Apply to School of Education Student Services Center.
- Provide copy of your valid *Multiple Subject or Single Subject* credential.
- Verify a minimum 2.5 overall grade point average (in the last 90 quarter units attempted for your bachelor's degree or in 14 quarter units taken after completion of your bachelor's degree).
- See an adviser for oral interview and to plan credential program.
- Provide official transcripts of all college/university work to School of Education Student Services Center.
- Pass UNIV 400, the Writing Proficiency Examination (WPE).

Directed Teaching Information

Directed teaching is one of the most important phases of teacher education at Cal State L.A. Candidates are not automatically admitted to directed teaching by completion of course work alone; they must fulfill the following criteria.

- Formal admission to the teaching credential program.
- Attendance at directed teaching orientation meeting by first week of quarter preceding the assignment.
- Application for directed teaching by application deadline (Wednesday of second week of quarter preceding the assignment).
- Submit verification of completion of a Cal State L.A.-approved *diversified* waiver program (for Multiple Subject credentials) or *Single Subject* waiver program (for Single Subject credentials) or passing score on appropriate section of National Teachers Examination (NTE)** and recommendation of waiver subject-area department. Approved Multiple Subject and Single Subject waiver programs are listed in the *Undergraduate Study* chapter of this catalog.

**CLEP scores required, also, for English majors

- Provide transcripts or grade reports verifying completion of at least 12 units at Cal State L.A. and all prerequisite courses. A minimum B (3.0) grade point average and grades of C or higher are required in all professional education courses.
- Submit verification of passing scores on all sections of CBEST.
- Present a Certificate of Clearance or a valid State of California credential at Student Services Center, KH D2078.
- Submit verification of negative TB test taken within one year before completion of directed teaching by a personal physician or at Cal State L.A. Health Center.
- Register for *directed teaching or demonstration of competencies* as appropriate.
- Applicants for multiple subject directed teaching must show proficiency in art, music, and physical education, either by examination or completion of appropriate courses. New transfer students must complete at least one curriculum course at Cal State L.A.
- Applicants completing an area of specialization in special education must be approved by the Division of Special Education.

Students who meet all of the above criteria and who have completed the prerequisite course work will be approved for directed teaching. Because of the amount of time and work required for directed teaching, students are advised to restrict the number of units in their program and curtail their out-of-school workload for the duration of such assignments.

Supplementary Authorizations

Holders of a Single Subject or Multiple Subject credential issued by the state of California may add a supplemental authorization to teach in another discipline by completing additional course work. Interested students should consult the appropriate academic department and the School of Education for further information.

Application Procedure for the Preliminary or Professional Clear Credential

Before the sixth week of your final quarter of credential course work, you must submit an application for the credential in the Student Services Center, King Hall D2078.

ELEMENTARY EDUCATION PROGRAMS

The Elementary Education programs include courses appropriate for preservice and inservice preparation of teachers in the elementary grades and directed teaching for candidates for the teaching credential with authorization in multiple subject instruction. The Master of Arts degree is described in the *Graduate Programs* section.

Multiple Subject Credential (Elementary Teaching)

The teaching credential with authorization in multiple subject instruction qualifies holders to teach in any self-contained classroom, preschool or kindergarten, grades 1 through 12, or in classes organized primarily for adults.

Requirements for Preliminary Credentials

Applicants must satisfy the following criteria to qualify for the university-recommended credential:

- A bachelor's degree from an accredited college or university.
- Passing score on CBEST.
- Formal admission to credential program including fulfilling all EDCI 300 requirements; complete professional education requirements listed below. See *Admission to Credential Programs* and *Directed Teaching Information* earlier in this chapter.
- Verification of completion of Cal State L.A.-approved *diversified* waiver program (see listings in *Undergraduate Study* chapter) or passing score on *general knowledge* section of National Teachers Examination (NTE) and verification of subject area competence by waiver subject-area department.
- Minimum C grade in MATH 120.
- Fulfillment of U.S. Constitution requirement.

Professional Education Requirements (45 units):

- **EDCI 450 Using ESL Techniques in the Content Area (2)
- EDEL 400 Proseminar: Curriculum and Teaching of Reading (4)
- EDEL 401 Proseminar: Curriculum and Teaching of Mathematics and Language Arts (4)
- EDEL 402 Proseminar: Curriculum and Teaching of Social Science and Science (4)
- EDEL 403 Directed Teaching I: Multiple Subject (12)
- EDEL 404 Directed Teaching II: Multiple Subject (12)
- EDFN 413 Psychological Foundations of Education (4)
- EDFN 414 Social Foundations of Education (3)

** must be taken concurrently with EDEL 403 or 404

Additional Requirements:

Students must demonstrate competence in art, music, and physical education for elementary school, either through proficiency examinations or by successful completion of the following courses:

- ART 400 Development of Literacy in Visual Arts (4)

- MUS 400 Development of Perception in Musical Arts (4)
 PE 420 Movement Experiences in Growth and Development (3)

Preliminary Multiple Subject Credential with Bilingual Emphasis

Emphasis options qualify holders to teach in bilingual (Korean, Spanish, Cantonese, or Mandarin), self-contained classrooms at preschool, kindergarten, and grade 1 to 12 levels or in classes organized primarily for adults. In addition to requirements for the clear Multiple Subject credential, *Bilingual Emphasis* credential candidates must fulfill the following requirements:

- Demonstrate spoken and written fluency in Korean, Spanish, Cantonese, or Mandarin.
- Demonstrate knowledge of and sensitivity to the culture of Chicano, Korean, or Chinese children.

Students who select the Chicano, Korean, or Chinese option will be enrolled in special sections of the following curriculum and methods courses in Elementary Education:

Students who select the Chinese or Korean option should consult the Division of Curriculum and Instruction, Elementary Education program, for current information.

EDEL 400C or 400S Proseminar: Curriculum and Teaching of Reading (4)

EDEL 401C, 401K, or 401S Proseminar: Curriculum and Teaching of Mathematics and Language Arts (4)

EDEL 402C, 402K, or 402S Proseminar: Curriculum and Teaching of Social Science and Science (4)

Emphasis in these courses is given to meeting the special needs of bilingual children. Students must complete at least one directed teaching assignment in this option in an Elementary and Secondary Education Act (E.S.E.A.) Title VII bilingual/bicultural classroom.

Requirements for Professional Clear Multiple Subject Credential (including Bilingual and Prekindergarten options)

Applicants must fulfill the following requirements to qualify for the university-recommended credential:

- Satisfy requirements for the preliminary credential.
- Satisfy requirements for admission to fifth year, clear credential program.
- Complete a minimum of 45 units of postbaccalaureate work approved by an adviser, including at least 16 units in residence and a maximum of 9 units in approved extension courses.
- Satisfy the state requirement for course work in reading and in health education (including nutrition and the study of physiological and sociological effects of use of dangerous drugs, narcotics, alcohol, and tobacco)
- Satisfy the mainstream requirement by completing: EDEL 406, 407, and 408 and EDSP 400 or 410.
- Satisfy the state requirement for knowledge of computers and their uses in education by completing EDIT 430 or an appropriate introductory computer course (CS 160) plus EDIT 447.

Internship Credential Requirements

The Internship credential program is designed for individuals who are employed as full-time teachers by cooperating school districts, have fulfilled all district and university prerequisites, and have been recommended by the district. The credential is issued for a two-year period during which candidates must fulfill all requirements for the *preliminary or professional clear credential*.

Requirements for Preliminary and Internship Credentials

Applicants must satisfy the following criteria to qualify for the university-recommended internship credential:

- A bachelor's degree from an accredited college or university.
- Passing score on the CBEST.
- Formal admission to credential program including completing EDCI 300 requirements; complete professional education requirements given below. See *Admission to Credential Programs and Directed Teaching Information* earlier in this chapter.
- Verification of completion of Cal State L.A.-approved diversified waiver program (see listings in *Undergraduate Study* chapter) or passing score on general knowledge section of National Teachers Examination (NTE) and verification of subject area competence by waiver subject-area department (i.e., department of student's undergraduate major).
- Pass UNIV 400, the Writing Proficiency Examination (WPE).
- Minimum C grade in MATH 120.

Requirements for Preliminary Credential

(internship program to be completed within two years)

EDCI 450 Using ESL Techniques in the Content Areas (2)

EDEL 400 or 400S *Proseminar: Curriculum and Teaching of Reading (4)

EDEL 401 or 401S* Proseminar: Curriculum and Teaching of Mathematics and Language Arts (4)

EDEL 402 or 402S* Proseminar: Curriculum and Teaching of Social Science and Science (4)

EDEL 489 Demonstration of Instructional Competencies (12, 12)

EDFN 413 Psychological Foundations of Education (4)

EDFN 414 Social Foundations of Education (3)

Satisfy the U.S. constitution requirement

* Denotes course work in bilingual methodology. Bilingual emphasis credential also requires demonstration of language competence through FL 902 and successful completion of Culture Test.

Requirements for Professional Clear Credential

(Internship Program)

EDCI 535 Instructional Strategies for Teaching Cultural Awareness (4)

EDEL 406 The Handicapped Child: Individualization of Instruction (1)

EDEL 407 The Handicapped Child: Observation of Behavior (1)

EDEL 408 The Handicapped Child: Environment and Curriculum (1)

EDEL 590 Problems in Classroom Group Behavior (4)

EDIT 430 Introduction to Computers and Their Uses in Classrooms (4)

EDSP 410 Education of Exceptional Individuals in Mainstream Settings (3)

HS 456 Health Studies on Alcohol, Narcotics, Nutrition, and Tobacco (4)

SECONDARY EDUCATION PROGRAM

The Secondary Education program includes courses appropriate for preservice and inservice teacher preparation in middle schools, junior high schools, senior high schools. The Master of Arts degree is described in the *Graduate Programs* section.

Single Subject Credential (Secondary Teaching)

The teaching credential with authorization in single subject instruction qualifies holders to teach in their authorized field at any grade

level, preschool, kindergarten, and grades 1 through 12, or in classes organized primarily for adults. Fifteen categories of single subject instruction are defined by state legislation as follows: agriculture, art, business, English, government, health science, home economics, industrial arts, languages (including, but not limited to, Chinese, French, German, Russian, and Spanish), life science, mathematics, music, physical education, physical science, and social science.

Students considering pursuing a Single Subject credential are urged to obtain advisement at the start of the program from faculty advisers in their academic area and in Secondary Education. Candidates may enroll in programs leading to the preliminary/clear or the internship credential (see an adviser about admission requirements and enrollment limitations).

Requirements for Preliminary Credentials

Applicants must satisfy the following criteria to qualify for the university-recommended credential:

- A bachelor's degree from an accredited college or university.
- Passing score on CBEST.
- Formal admission to credential program including completing EDCI 300 requirements; complete professional education requirements given below. See *Admission to Credential Program and Directed Teaching Information* earlier in this chapter.
- Verification of completion of Cal State L.A.-approved Single Subject waiver program (see listings in *Undergraduate Study* chapter) or passing score on appropriate section of National Teachers Examination (NTE) (CLEP scores required, also, for English majors) and verification of subject area competence by waiver subject-area department (i.e., department of student's undergraduate major).
- Pass UNIV 400, the Writing Proficiency Examination (WPE).
- Fulfill the U.S. Constitution requirement.

Professional Education Requirements (47 units)

- **EDCI 450 Using ESL Techniques in the Content Areas (2)
- EDFN 413 Psychological Foundations of Education (4)
- EDFN 414 Social Foundations of Education (3)
- EDIT 450A Instructional Materials Preparation Laboratory (1)
- EDSE 401 Instructional Strategies: Secondary Teaching (4)
- EDSE 415 Classroom Management in Secondary Schools (4)
- EDSE 421 Special Instructional Methods in Secondary School Subjects (3)
- EDSE 423 Teaching Reading in Secondary Schools (4)
- EDSE 442AB Directed Teaching in Secondary Schools (11, 11) or
- EDSE 489 Demonstration of Instructional Competencies (11, 11)

** must be taken concurrently with EDSE 442A, 442B, or 489

Requirements for Professional Clear Single Subject Credential

Applicants must satisfy the following criteria to qualify for the university-recommended credential:

- Requirements for the preliminary credential.
- Requirements for admission to fifth year, clear credential program.
- Minimum of 45 units in postbaccalaureate study approved by an adviser, including at least 16 units in residence and a maximum of 9 units in approved extension courses.

- State requirement for course work in reading and in health education, (including nutrition and the study of physiological and sociological effects of use of dangerous drugs, narcotics, alcohol, and tobacco).
- Mainstream requirement (EDSE 405 and EDSP 400 or 410).

Internship Credential Requirements

The *internship credential* program is designed for individuals who are employed as full-time teachers by cooperating school districts, who have fulfilled all district and university prerequisites, and who have been recommended by the district. The credential is used for a two-year period. During that time, candidates must fulfill all requirements for the *preliminary* or *professional clear credential*. Applicants must satisfy the following criteria to qualify for the university-recommended internship credential.

- A bachelor's degree from an accredited college or university.
- Passing score on CBEST.
- Formal admission to credential program including completing EDCI 300 requirements; complete professional education requirements given below. See *Admission to Credential Programs and Directed Teaching* earlier in this chapter.
- Verification of completion of Cal State L.A.-approved Single Subject waiver program (see listings in *Undergraduate Study* chapter) or passing score on appropriate section of National Teachers Examination (NTE) (CLEP scores required also for English majors) and verification of subject area competence by the waiver subject-area department.
- Pass UNIV 400, the Writing Proficiency Examination (WPE).

Requirements for Preliminary Credential

(*Internship Option—46 units*)

- EDFN 413 Psychological Foundations of Education (4)
 - EDFN 414 Social Foundations of Education (3)
 - EDSE 401 Instructional Strategies in Secondary Teaching (4)
 - EDSE 415 Classroom Management in Secondary Schools (4)
 - EDSE 421 Instructional Methods for Secondary School Subjects (3)
 - EDSE 423 Teaching Reading in Secondary Schools (4)
 - EDSE 489 Demonstration of Instructional Competencies (8-8-8)
- Satisfy the U.S. Constitution requirement.

Requirements for Professional Clear Credential

(*Internship Option*)

- EDCI 450 Using ESL Techniques in the Content Areas (2)
- EDCI 535 Instructional Strategies for Teaching Cultural Awareness (4)
- EDIT 430 Introduction to Computers and Their Uses in Classrooms (4)
- EDSP 410 Education of Exceptional Individuals in Mainstream Settings (3)
- HS 456 Health Studies on Alcohol, Narcotics, Nutrition, and Tobacco (4)

NOTE: Students who are enrolled in the *internship credential* program are encouraged to enroll concurrently in the M.A. degree program in Education, Secondary Teaching option. See a faculty adviser about additional requirements.

Supplementary Authorizations

Holders of a Single Subject or Multiple Subject credential issued by the state of California may add a supplemental authorization to teach in another discipline by completing additional course work. Interested students should consult the appropriate academic department and the School of education for further information.

EDUCATIONAL FOUNDATIONS AND INTERDIVISIONAL STUDIES

School of Education

DIVISION OFFICE

King Hall C2098

Phone: (213) 343-4330

The Faculty

Emeriti: Burton Henry, Lois V. Johnson, Edward J. Neale, Helen Isabel Nicklin, Lamar Price, Morton J. Renshaw, Julian B. Roth, Carleton B. Shay, Patricia Bates Simun, Katherine Siström, Eillea J. Tate, Edwin Wandt.

Professors: Kathryn Alessandrini-Eddy, Webster E. Cotton, Stephanie Edwards-Evans, Marilyn W. Greenberg, Fernando A. Hernandez, Charles F. Leyba (*Chair*), Robert R. Morman, Fred Pycszak, Jr., Patricia Richard-Amato, Rolando A. Santos, Simeon P. Slovacek, James Wiebe.

Associate Professors: Judith L. Cope, Kathleen M. Costantini, Dawn M. Patterson, Penelope Samrau.

Assistant Professors: Bernardo Gallegos, José L. Galván, Marlene Schommer, Marguerite Snow.

Program advisement provided for:

- Adult and Continuing Education (*Designated Subjects Credential*)
- Bilingual Specialist
- Community College
- Computer Education
- Educational Foundations
- Instructional Technology
- Language Development Specialist
- Library Services
- Teaching English to Speakers of Other Languages (TESOL)
- Urban Education

Courses offered in:

- Adult and Continuing Education (EDAC)
- Educational Foundations (EDFN)
- Instructional Technology (EDIT)
- Library Science (LIBR)

EDUCATIONAL FOUNDATIONS

Programs include the M.A. degree in Education, options in Adult and Continuing Education, Computer Education, Educational Foundations, Instructional Technology, and Library Science and the M.A. degree in Urban Education with several options. Credential programs include Language Development Specialist, Designated Subjects, and Library Media Teacher Services; credit certificate programs include Computer Applications in the Schools and English as a Second Language. These programs are described in the *Graduate Programs* section.

Designated Subjects Teaching Credential

This credential authorizes holders to teach in the subject designated on the credential in classes organized primarily for adults. Recommendations are submitted to the Commission on Teacher

Credentialing for authorization in such general areas as *Technical and Trade Education, Business Education, Homemaking Education, Adult Education, Driver Education, and Driver Training*. For vocational area advisement, contact one of the following departments: Criminal Justice, Family Studies and Consumer Studies, Office Systems and Business Education, or Technology. The Division of Educational Foundations and Interdivisional Studies advises in adult education and coordinates the credential program. Requirements for Preliminary Credential

Applicants must satisfy the following criteria to qualify for the university-recommended credential.

- Formal admission to the Designated Subjects credential program.
- Verification of possession of bachelor's degree from regionally accredited institution and passing score on the CBEST (*for adult-academic authorizations and for driver education*)
- Verification of five years' work experience in appropriate vocational area and high school diploma (*for vocational authorizations*)
- Submission of acceptable plan for completion of requirements for clear credential.
- Satisfaction of U.S. Constitution requirement.

Requirements for Clear Credential

Applicants must satisfy the following criteria to qualify for the university-recommended credential.

- Satisfy requirements for preliminary credential.
- Complete all formal admission requirements including development of a personalized program evaluation plan for professional studies and other requirements.
- Complete a program of professional study and other academic or occupational requirements.
- Satisfy state requirement for course work in health education (including nutrition and the physiological and sociological effects of using dangerous drugs, narcotics, alcohol, and tobacco) by completing HS 456.
- Complete two years of full-time or part-time teaching as defined by the Commission on Teacher Credentialing.

Professional Education Requirements (20 units)

- EDAC 471 Methods and Materials of Adult Education (4)
- EDAC 472 Principles of Teaching Adult and Occupational Education (3)
- EDAC 473X Supervised Field Experiences in Adult and Occupational Education (2)
- EDAC 476 Curriculum Development in Adult and Occupational Education (4)
- EDAC 477 Counseling in Adult and Occupational Education (3)
- HS 456 Health Studies on Alcohol, Narcotics, Nutrition, and Tobacco (4)

Determination of academic and/or occupational competence shall be made by university faculty and personnel from cooperating school districts and agencies.

SPECIAL EDUCATION

School of Education

DIVISION OFFICE

King Hall C1064

Telephone: (213) 343-4400

The Faculty

Emeriti: Caro C. Hatcher, Donald B. Kinstler, Jean Utley Lehman, F. Annette Tessler, Harry V. Wall.

1990-1991 Guglielmo Professor: Maynard Reynolds.

Professors: Abraham Ariel, Gary A. Best, Philip C. Chinn (*Chair*), Barbara J. Clark, Robert A. Eisenberg, Mary A. Falvey, Kathleen C. Harris, Colleen B. Jamison, M. Diane Klein, Jasper Little, Judith S. Margolis, C. Lamar Mayer, Allen A. Mori, Rose-Marie Swallow, Alice V. Watkins.

Associate Professors: Nancy A. Hunt, Andrea G. Zetlin.

Program advisement provided for:

- Communication Handicapped
- Early Childhood Handicapped
- Gifted
- Handicapped Adolescents and Young Adults
- Learning Handicapped

- Multicultural/Multilingual Special Education
- Orientation and Mobility
- Physically Handicapped
- Resource Specialist
- Severely Handicapped
- Visually Handicapped
- Joint Doctoral Program

Courses offered in:

- Higher Education (EDHI)
- Special Education (EDSP)

Curricula in Special Education are designed to prepare personnel for delivery of educational service to individuals who, because of physical, behavioral, and/or mental characteristics, require special instruction or services. Specialized preparation is offered for teachers of these exceptional individuals and for administrators and supervisors of special education programs. Information about these programs is contained in the graduate *School of Education* chapter of this catalog.

COURSES IN EDUCATION

The School of Education offers courses in several disciplines, each with a distinct four-letter course abbreviation. These disciplines are listed below with the names of the offering divisions. Courses that follow are arranged alphabetically by course abbreviation.

Discipline Name and Abbreviation	Division
Adult and Continuing Education (EDAC)	
. Educational Foundations and Interdivisional Studies	
Counseling (COUN)	Administration and Counseling
Curriculum and Instruction (EDCI)	Curriculum and Instruction
Education (interdisciplinary) (EDUC)	School of Education
Educational Administration (EDAD)	
. Administration and Counseling	
Educational Foundations (EDFN)	
. Educational Foundations and Interdivisional Studies	
Elementary Education (EDEL)	Curriculum and Instruction
**Higher Education (EDHI)	Special Education
Instructional Technology (EDIT)	
. Educational Foundations and Interdivisional Studies	
Library Science (LIBR)	
. Educational Foundations and Interdivisional Studies	
Secondary Education (EDSE)	Curriculum and Instruction
Special Education (EDSP)	Special Education

** graduate level courses only

Courses in Education (EDUC)

Upper Division Courses

490 Problems in Education (2-5)

Prerequisite: Instructor consent. Investigation and study of unique problems in education. Specific subject announced in *Schedule of Classes*. May be repeated for credit as subject matter changes.

499 Undergraduate Directed Study (1-4)

Prerequisite: Instructor consent to act as sponsor. Project selected in conference with sponsor before registration. Progress meetings held regularly and final report submitted. May be repeated for credit.

Courses in Adult and Continuing Education (EDAC)

(Division of Educational Foundations and Interdivisional Studies)

Upper Division Courses

471 Methods and Materials of Adult Education (4)

Prerequisites: Admission to Designated Subjects credential program. Corequisite: EDAC 473X. Facilitating learning process by individualizing instruction; use of media; evaluation of student achievement.

472 Principles of Adult and Occupational Education (3)

Prerequisite: Admission to Designated Subjects credential program. Basic principles of teaching the designated subjects; relationship of teaching and curricular practices to cultural differences of students and of communities; scope and function of the designated subjects program.

473XY Supervised Field Experiences in Adult and Occupational Education (2, 2)

Prerequisite: Admission to Designated Subjects credential program. Each section of 473 requires a minimum of 50 hours of field

work including arranged seminars. Additional experience may be required by school or university supervisor. Graded *CR/NC*.

473X: Required in industrial studies, business education, driver education, and driver training and adult education; emphasizes teacher-learner interaction in classroom.

473Y: Required in adult education; emphasizes role and function of school administration, school counselor, front office, and role of school in community.

476 Curriculum Development in Adult and Occupational Education (4)

Prerequisite: Admission to Designated Subjects credential program. Corequisite: EDAC 473Y. Curriculum planning, selection and organization of content, design of work experience projects and programs, relationship of curricula to community characteristics and occupational needs.

477 Counseling in Adult and Occupational Education (3)

Prerequisite: Admission to Designated Subjects credential program. Counseling techniques to meet special needs of students enrolled in adult classes; student participation in intracurricular activities.

Courses in Counseling (COUN)

(Division of Administration and Counseling)

Lower Division Courses

101 Career Decision Making (3)

Development of decision making skills applied to college major and career objectives. Graded *CR/NC*.

200AB Introduction to Rehabilitation Services in Counseling (3, 3)

Introduction to the profession of vocational and personal rehabilitation; characteristics of the "helping" process; qualities of "helper" techniques for working with people; exploration of settings that offer services. Field visits to agencies.

Upper Division Courses

403 The Psychosocial Dynamics of Child Maltreatment and Family Violence (4) (also listed as PSY 403)

Prerequisite: PSY 150. Psychosocial factors in child maltreatment and family violence: developmental considerations, assessment, interventions, legal and ethical issues, research findings, and community resources.

405AB Theoretical and Developmental Aspects of Behavior (4, 4)

Personality theories; vocational, cognitive, and personal-social theories of development; developmental data from all phases of life span.

405A: gestation through pubescence;

405B: pubescence through senescence.

406 Behavioral Counseling and Self-Management (4)

Prerequisite: PSY 150. Application of principles of learning to personal counseling and behavioral self-control programs.

428 Measurement Issues in Counseling (4)

Prerequisite: EDFN 452 or PSY 302. Principles, procedures, and ethical considerations underlying data collection and interpretation for purposes of client assessment in counseling settings.

442 Medical Factors in Rehabilitation (3)

Selected facets of medical, developmental, and administrative factors in the rehabilitation process, including medical terminology, specialties in medical practice, and workers' compensation law. Implications for rehabilitation counseling. Lectures, case discussions, field trip.

445 Developmental Self Exploration (2)

Relationships among personal attitudes, values, communication style, and professional development as a counselor. Graded CR/NC.

447 Career Education and Guidance in Schools (4)

Career education and guidance covering elementary through high school years. Use of activities, theory, and information in the construction of career education programs.

448 Career Counseling for Adults (4)

Vocational counseling of college students; rehabilitation clients; persons making midcareer changes, and returning homemakers; emphasis on career development theory, occupational information, job analysis, and job placement.

449 Job Development and Work Evaluation (4)

Prerequisites: COUN 428, 448, instructor consent. Methods for identifying, evaluating, and enhancing employment opportunities for people with physical, emotional, and mental disabilities; job analysis, work evaluation, employer development, job modification, assistive devices, community resources, placement planning, and work adjustment.

450 Counseling Theories (3)

Prerequisite: All GE requirements. Theories of counseling appropriate for individual and group work; functions of theory in research and practice including substance abuse counseling; background for subsequent training in group counseling methods and individual counseling.

460 Laws Relating to the Child and Family (4)

Legal and ethical guidelines for counselors, therapists, and child development practitioners; laws related to the family including marriage, divorce, and assessment and reporting of child abuse.

475AB Counseling in the Work place (3, 3)

COUN 475A is prerequisite to 475B. Philosophical premises and operating principles of counseling programs for employees in business, industry and government, and outplacement. Methods of establishing, conducting, and evaluating these programs.

479 Counseling Older Adults (4)

Counseling issues in adult development and aging from a multidisciplinary perspective in context of biomedical, psychological, social, economic, political, environmental aspects; strategies for individual, family, group counseling with older adults.

480 Fundamentals of Counseling (4)

Skills in listening and communicating for working effectively with those seeking counseling assistance.

484 Conferences with Parents (4)

Dynamics of communication and methods of facilitating student growth through parent-teacher conferences.

489 Behavior Management Using Reinforcement in Classrooms (4)

Prerequisite: PSY 150. Constructive approaches to classroom management using individual and group reinforcing contingencies for preschool through high school age students.

490 Problems in Guidance (1-5)

Prerequisite: Instructor consent. Investigation of unique problems in guidance as announced in *Schedule of Classes*. May be repeated for credit as subject matter changes.

492 Futures Studies: Educational Implications of the Future (4)

Prerequisite: Senior or graduate standing. Examination of field of futuristics and implications for education; recognition of impact of technological and social change upon life-coping skills; familiarity with instructional strategies for helping students anticipate change and develop future-oriented attitudes.

494 Seminar: Rehabilitation Services (3)

Prerequisites: COUN 200AB; 405A or 405B; prerequisites or corequisites: COUN 406, 448, 450; corequisite: COUN 495. Enhancement of techniques and skills needed for effective functioning in field, including collecting, analyzing, and organizing data, observational skills, interviewing, reporting, and evaluating. *Must be repeated to total of 6 units.*

495 Field Work in Rehabilitation Services (3-9)

Prerequisites: Admission to Rehabilitation Services major, COUN 200AB, consent of field work supervisor, COUN 405A or 405B; prerequisites or corequisites: COUN 406, 448, 450; corequisite: COUN 494. Field placement arranged congruent with option area selected. Graded CR/NC. *Must be repeated to total of 9 units.*

499 Undergraduate Directed Study (1-4)

Prerequisite: Instructor consent to act as sponsor and consent of division chair. Project selected in conference with sponsor before registration; progress meetings held regularly; final report submitted. *May be repeated for credit.*

Courses in Curriculum and Instruction (EDCI)

(Division of Curriculum and Instruction)

Subcollegiate Course**093 Development of Study Skills: Reading (4)**

Prerequisite: Recommendation of a counselor or an instructor. Developing reading study skills necessary for academic success at university level. Current general education textbook material used to reinforce college level reading. Graded CR/NC. *May be repeated to maximum of 12 units. No credit toward baccalaureate.* Upper Division Courses

300 The Teaching Profession (3)

Prerequisites: GE basic subjects, upper division standing. Introduction to teaching as a professional career; minimum 20 hours of scheduled participation in variety of off-campus elementary or secondary schools; required of all students interested in pursuing California teaching credential. Graded CR/NC.

421 Advanced Educational Writing (4)

Prerequisite: ENGL 190. Principles and practice of educational written communication.

450 Using ESL Techniques in the Content Areas (2)

Prerequisite: EDEL 400 or EDSE 401. Basic techniques for teaching English as a second language to ESL students in content area classes, e.g., social science, mathematics, art.

453 Teaching in Bilingual/Crosscultural Schools (4 each)

Prerequisite: Teaching credential. Specialized teaching techniques and materials for bilingual/crosscultural schools. School and community field assignments.

453C Chinese

453K Korean

453S Spanish

455 Methods of Teaching Reading in Target Language (4 each)

Prerequisites: Admission to Bilingual/Crosscultural credential program, including proficiency in target language at 300B level; EDFN 413 and either EDEL 400 or EDSE 423. Teaching reading, kindergarten through grade 12, in target language, to speakers of that language or to speakers of English in bilingual programs. Instruction partly in target language.

455C Chinese

455S Spanish

Courses in Educational Administration (EDAD)*(Division of Administration and Counseling)***Upper Division Course****480 Institutional Racism and Schools (4)**

Institutional racism and its perpetuation in U.S. schools, while developing a definition of this concept and specific strategies for the elimination or reduction of institutional racism.

Courses in Educational Foundations (EDFN)*(Division of Educational Foundations and Interdivisional Studies)***Upper Division Courses****409 Tests, Measurement, and Evaluation (4)**

Basic principles of educational measurement and evaluation; teacher-devised instruments and techniques; selection and interpretation of standardized tests; methods of marking and reporting.

413 Psychological Foundations of Education (4)

Psychological research and theory in human learning and development related to educational processes.

414 Social Foundations of Education (3)

Social issues related to educational processes in the U.S.

437 Education and Intergroup Relations (4)

Implications of community intergroup problems for schools, teachers, and administrators; educational problems resulting from *de facto* segregation, cultural differences, racial and ethnic discrimination, urbanization.

438 Traditional Asian-American Values in American School Setting (4)

Traditional Asian-American values as they relate to values found in American schools; ways in which these values reinforce or impede the teaching-learning process.

452 Statistics in Education (4)

Prerequisite: One year of algebra. Introduction to descriptive and inferential statistics basic to understanding and conducting educational research, including measures of central tendency, variability, covariability, sampling theory, interval estimation, testing statistical hypotheses.

490 Problems in Educational Foundations (2-5)

Prerequisite: Instructor consent. Investigation of unique problems in educational foundations. Specific subjects announced in *Schedule of Classes*. May be repeated for credit as subject matter changes.

499 Undergraduate Directed Study (1-4)

Prerequisite: Instructor consent to act as sponsor. Project selected in conference with sponsor before registration; progress meetings held regularly; final report submitted. May be repeated for credit.

Courses in Elementary Education (EDEL)*(Division of Curriculum and Instruction)***Upper Division Courses****400 Proseminar: Curriculum and Teaching of Reading (4)**

Prerequisites: Admission to credential program; EDFN 413 (may be taken concurrently). Analysis, application, evaluation of strategies for teaching reading in various socioeconomic milieu, emphasizing comprehension, phonics, and other decoding and encoding skills. Laboratory and tutorial experiences in field setting.

400C Chinese

400K Korean

400S Spanish

401 Proseminar: Curriculum and Teaching of Mathematics and Language Arts (4 each)

Prerequisites: Admission to credential program; EDFN 413 (may be taken concurrently) and MATH 120 with grades of C or better. Analysis, application, and evaluation of strategies for teaching mathematics and language arts in various socioeconomic and cultural milieu. Laboratory experience provided.

401C Chinese

401K Korean

401S Spanish

402 Proseminar: Curriculum and Teaching of Social Science and Science (4 each)

Prerequisites: Admission to credential program; EDFN 413 (may be taken concurrently). Analysis, application, evaluation of strategies for teaching social science and science in various socioeconomic and cultural milieu. Laboratory experience provided.

402C Chinese

402K Korean

402S Spanish

403 Directed Teaching I: Multiple Subject (12)

Prerequisites: See *Directed Teaching* requirements; EDEL 400, 401, 402; EDFN 413. On-site laboratory experience consisting of teaching multiple subjects under direction of University supervisor with cooperation of supervising classroom teacher(s). Concurrent weekly seminar. Graded CR/NC.

404 Directed Teaching II: Multiple Subject (12)

Prerequisites or corequisites: EDEL 403, EDFN 414. On-site laboratory experience teaching multiple subjects under direction of University supervisor with cooperation of supervising classroom teacher(s). Concurrent weekly seminar. Graded CR/NC.

405 The Handicapped Child: Individualization of Instruction (1)

Prerequisite or corequisite: EDSP 400 or 410. Analysis, application, and evaluation of strategies for individualization of instruction for handicapped children in the regular classroom; formal and informal assessment and development of instructional plans. Laboratory experiences provided.

407 The Handicapped Child: Observation of Behavior (1)

Prerequisite or corequisite: EDSP 400 or 410. Analysis, application, and evaluation of strategies for observation of behavior of handicapped children; implications for teaching strategies. Laboratory experiences provided.

408 The Handicapped Child: Environment and Curriculum (1)

Prerequisite or corequisite: EDSP 400 or 410. Analysis, application, and evaluation of instructional alternatives, environmental modifications, and curricular modification for individualizing instruction for handicapped children. Laboratory experiences provided.

413 Children's Reading Materials in Spanish (4)

Prerequisite: Proficiency in Spanish at 300B level. Spanish reading materials suitable for development or enrichment of reading at elementary level; oral and written language skills in bilingual/crosscultural classroom.

421 Teaching Language Arts in Elementary School (4)

Prerequisite: Teaching experience. Intensive study in teaching language arts in elementary school. Exploration, analysis, interpretation, and implementation of modern teaching trends and issues, with urban emphasis.

423 Teaching Basic Skills of Written Composition to Elementary School Children (4)

Prerequisites: EDEL 401, teaching experience, credential advanced composition requirements. Developing basic skills of written expression in elementary age children, including diagnosis of needs, objectives, strategies, mechanics of written expression, usage and grammar, and evaluation for nonexpository and expository writing.

424 Methods of Using Creative Dramatics with Children (3)

Prerequisite: SPCH 490. Methods of using creative dramatics with elementary age children. A preservice or inservice course for librarians, teachers, recreation and community leaders.

427 Using Children's Literature in Elementary Classrooms (4)

Survey, analysis, and utilization of elementary school level children's books and other instructional materials in classrooms.

431 Teaching Modern Mathematics in Middle Schools (4)

Mathematics content and methodology appropriate for students in middle schools; emphasis on problems specific to urban areas and on discovery-activity techniques for intermediate grade children.

432 Teaching Mathematics for Early Childhood (4)

Prerequisite: MATH 120 with minimum C grade or teaching experience. Professional course presenting methods and materials for teaching mathematics to children, prekindergarten through grade three.

433ABCD Special Topics in Mathematics for Elementary Teachers (1 each)

Prerequisite: EDEL 401. Instructional laboratory for elementary teachers; current strategies, materials, and terminology for teaching specific strands from Mathematics Framework for California Public Schools.

433A Metric Measurement	433B Problem Solving
433C Geometry	433D Logic

434AB Problems in Individualizing Instruction in Elementary School (2 each)

Prerequisite: Admission to credential or master's degree program in Education or appropriate field-related experience. Strategies for individualizing instruction in elementary school including diagnosing individual needs, prescribing learning activities, preparing and organizing materials, evaluating outcomes, and implementing programs in elementary school classrooms.

434A Reading	434B Mathematics
434A (C) Chinese	434B (C) Chinese
434A (S) Spanish	434B (S) Spanish

435 Use of Hand Calculator in Teaching Mathematics in Elementary Classroom (2)

Prerequisites: EDEL 401, MATH 120 (minimum C grade). Laboratory that examines the purpose of and teaching strategies

for use of hand-held calculator in the elementary school; practical application of mathematics to problem-solving.

441 Teaching Social Studies in Elementary School (4)

Prerequisites: EDEL 400, 401, 402; EDFN 413, 414. Exploration, analysis, and interpretation of modern teaching trends and issues in social studies, with an urban emphasis. Does not meet EDEL 400-401-402 requirement in professional education.

451 Teaching Science in Elementary School (4)

Prerequisite: Teaching experience. Intensive study in teaching science in elementary school; exploration, analysis, interpretation, and implementation of modern teaching trends, issues, and materials, with urban emphasis.

461 Curriculum Procedures and Materials for Early Childhood Education (4)

Prerequisite: EDFN 413 or PSY 412A. Curriculum, instructional procedures, and materials in early childhood education. Study of selected nursery schools and children's centers, including two hours per week of observation and participation.

462 Dynamics of Play (4)

Dynamics of group and individual play in children, focus on increased understanding of human development and behavior. Observation for two hours per week required.

463 Kindergarten-Primary Education (4)

Prerequisites: Admission to credential program; EDFN 413, EDEL 400, 401, 402 (may be taken concurrently). Principles, curriculum, methods and materials of instruction; teacher-parent relations; emphasis on inner city problems.

464 Prekindergarten Education in Metropolitan Areas (4)

Corequisite: EDFN 437. Selection of objectives, student population, curriculum content, materials and instructional procedures for teachers in public prekindergarten schools in various socioeconomic and cultural milieu.

465 Directed Teaching: Preschool (12)

Prerequisites: EDEL 461, 462; see *Multiple Subject Credential with Prekindergarten Option* requirements. Directed teaching for credential at preschool level. Graded CR/NC.

466 Cultural Diversity in Early Childhood Classroom: Needs and Opportunities (4)

Prerequisites: Enrollment in teacher education program (Elementary or Early Childhood Education); teaching experience with young children. Workshop involving crosscultural perspective on urban preschools, children's centers, primary grades in elementary school; role of cultural contributions of diverse communities in child's self-image and learning ability.

470AB Introduction to Elementary Curriculum (3, 3)

Prerequisites: COMD 456, 461. Overview of curriculum, methods, and materials used by elementary teachers in presenting reading, mathematics, and language arts. Meets needs of Communicative Disorders majors pursuing Special Class Authorization of Severe Language Handicapped and/or Aphasic Pupils. May not be used for Multiple Subject credential.

470A Reading**470B Mathematics and Language Arts****473 Storytelling for Teachers (4)**

Developing skills of storytelling, selecting appropriate literature, and including storytelling in the elementary school curriculum.

480 Teaching Microcomputing in Schools (4)

Theory, methods, and techniques for teaching the programming language (graphic and text modes) in schools through hands-on experience in a microcomputer laboratory.

489 Demonstration of Instructional Competencies (12)

Prerequisite: Approval of division chair. Demonstration of competencies related to instructional skills specified for components leading to completion of approved credential, certificate, or degree program requirements. May be repeated for credit with division approval. Graded CR/NC.

490 Problems in Elementary Education (2-5)

Prerequisite: Instructor consent. Investigation of unique problems in elementary education. Specific topic announced in *Schedule of Classes*. May be repeated for credit as subject matter changes.

495 Strategies for Organizing Elementary Curriculum (4)

Prerequisites: EDSP 494, enrollment in teacher education or teaching credential program. Methods and materials that present an integrated curriculum, including learning centers and core curriculum, presented and discussed. Changes in classroom curriculum and environment to reflect focus on integrated curriculum including unit approach.

499 Undergraduate Directed Study (1-4)

Prerequisite: Instructor consent to act as sponsor. Project selected in conference with sponsor before registration; progress meetings held regularly and final report submitted. May be repeated for credit.

Courses in Instructional Technology (EDIT)

(Division of Educational Foundations and Interdivisional Studies)

Upper Division Courses**430 Introduction to Computers and Their Uses in Classrooms (4)**

Prerequisite: Multiple or Single Subject credential methods courses. Computer hardware, software, and related technology and their uses in and impact on society and education; hands-on experience with applications software, instructional software, and classroom management tools.

447 Computers in Classrooms (2)

Prerequisite: CS 160 or other introductory course in microcomputer use. Microcomputer applications in elementary classrooms including software selection, computer use in and impact on curriculum, methods of teaching computer literacy, and classroom management.

450A Instructional Materials Preparation Laboratory (1)

Prerequisites or corequisites: EDCI 300, EDSE 401. Applications of instructional media in classroom instruction; introduction to preparation, selection, lesson development, and evaluation of media from the chalkboard to computers. Laboratory 2 hours.

450B Instructional Media Laboratory (1)

Production and care of audio-visual materials. Laboratory 2 hours.

451 Instructional Media Techniques (4)

Methods and techniques of using audiovisual equipment and materials in communication: type, source, selection, teaching techniques and evaluation of materials. Two hours laboratory per week required in operation of equipment. Credit allowed for EDIT 451 in addition to EDSE 401; completion of machine laboratory requirement in 401 satisfies laboratory requirement for this course.

452 Introduction to Computers for Educators (4)

Introduction to computers for teachers and school administrators including hardware and software specifications, major programming languages used in schools, and ethical, legal, and historical considerations.

453 Instructional Technology and Programmed Instruction (4)

Prerequisite: Teaching experience. Development of technology in instructional process; emphasis on auto-instructional methods, devices, and programmed instruction; laboratory practice with existing programs designed for use in school, industry, and home.

456 Computer Applications in Schools (4)

Computer applications in the areas of learning, teaching, and instructional management; problem-solving approach to design, development, and evaluation of computer education within teaching discipline and grade level. Lecture 3 hours, laboratory 2 hours.

481 Microcomputing in Schools: BASIC I (4)

Prerequisite: EDIT 430. Curriculum, applications, and methods for teaching BASIC in schools with hands-on experience in a microcomputer laboratory.

482 Microcomputing in Schools: BASIC II (4)

Prerequisites: EDIT 430, 481. Curriculum, applications, and methods of BASIC including: structured BASIC programming, string manipulations, arrays, files, sorting techniques, high resolution graphics and animation, and memory manipulation.

483 Pascal for Teachers (4)

Prerequisites: EDIT 430, 481 or CS 190. Introduction to microcomputer-based Pascal, methods for teaching Pascal, and educational applications of Pascal.

484 Computer Authoring Tools (4)

Prerequisite: EDIT 430. Computer authoring tools and their uses in developing educational software; hands-on experience with various authoring tools.

Courses in Library Science (LIBR)

(Division of Educational Foundations and Interdivisional Studies)

Subcollegiate Courses**090 Introduction to Cal State L.A. Library (1)**

Introduction to the organization and services of campus library with emphasis on strategies for successful library use. *No credit toward baccalaureate.*

091 Developing Basic Library Research Skills (1)

Prerequisite: LIBR 090. Introduction to research skills needed for effective utilization of campus library facilities; emphasis on strategies for successful completion of assigned papers and projects. *No credit toward baccalaureate.*

Upper Division Courses**401 Management of School Library Media Programs (4)**

Role of library media programs in contemporary schools with attention to impact of technology, administration of facilities, and planning; implementation and evaluation of programs.

403 The School Library Media Program and the Curriculum (4)

Philosophy and strategies of integrating library media program into curriculum of contemporary schools.

406AB Information Services in School Library Media Programs I, II (4, 4)

LIBR 406A is prerequisite to 406B. Philosophy and administration of information services in school library media programs; survey of information sources including reference books, periodicals, on-line services, and related technologies; introduction to instructional programs about searching.

407 Selection, Acquisition, and Utilization of Instructional Materials (4)

Philosophy and practice of building and utilizing library media collections; criteria for evaluating all types of instructional materials; background information about the publishing and producing industries and related concerns.

409 Cataloging and Classification of Instructional Materials (4)

Theory and methods of organizing collections in school library media centers; descriptive cataloging of all types of materials; classification systems, choice of subject headings, use of computers in information retrieval. Lecture 3 hours, laboratory 3 hours.

450 Field Work in School Library Media Programs (6)

Prerequisites: Admission to Library Services credential program; LIBR 401, 403, 406B, 407, 409, EDCI 560, EDEL 427, EDIT 451, EDSE 524, B (3.0) grade point average in Library Services credential program courses. Total of 180 hours of field work at two school library media centers under supervision and guidance of credentialed school library media specialists. Seminars arranged. Graded CR/NC.

Courses in Secondary Education (EDSE)

(Division of Curriculum and Instruction)

Upper Division Courses**401 Instructional Strategies in Secondary Teaching (4)**

Prerequisite or corequisite: EDCI 300. Skills and understandings required by prospective and beginning secondary school teachers for effective planning, implementation, and evaluation of instruction; analysis of special instructional and curricular problems in secondary schools.

405 Mainstreaming in Secondary Schools (3)

Concept and practice of mainstreaming; role and responsibilities, skills and support services needed by classroom teachers in educational diagnosis of exceptional adolescents; instructional planning related to individualized education plans.

415 Classroom Management in Secondary Schools (4)

Identification and resolution of classroom management and control problems in junior and senior high schools; study and application of selected strategies, teacher control techniques, and related research.

421 Instructional Methods for Secondary School Subjects (3 each)

Prerequisites: EDCI 300, EDSE 401, admission to teaching credential program, and as specified for individual subjects below. Instructional strategies and curricular themes in specific subjects taught in secondary schools. *Single Subject credential candidates must complete one methods course to meet credential requirements.*

421A Accounting and Microcomputer Applications

Prerequisite or corequisite: OSBE 410B. Methods and materials for teaching accounting and microcomputer applications at the secondary level.

421C Science 421E Home Economics**421G Economics and General Business**

Prerequisite or corequisite: OSBE 410B. Methods and materials for teaching such high school subjects as economics, consumer economics, general business, and business law.

421H Health and Safety Education**421I Industrial Education**

Prerequisite: TECH 300AB.

421K Keyboard/Word Processing and Office Systems

Prerequisites: OSBE 410B, demonstrated proficiency in keyboarding. Methods and materials of teaching keyboard/word processing and office systems.

421L Foreign Languages

Prerequisite: Six upper division units in the language.

421M Mathematics**421N English and Language Arts**

Prerequisites: ENGL 401; 406 or 410; completion of all but two courses in English program for Single Subject credential.

421P Physical Education 421R Art**421S Social Science 421U General Music**

Prerequisite: MUS 344, 423

Teaching Reading in Secondary Schools (4)

Suggested corequisite: EDSE 442AB or 489 or current secondary school classroom employment. Reading in secondary school content areas; reading as an instructional tool in secondary classes; strategies to improve reading at secondary level; provision for field experience.

441 Observation/Participation in Secondary Schools (2)

Opportunity for firsthand experience with educational programs in secondary schools. May be repeated to maximum of 4 units. Graded CR/NC.

442AB Directed Teaching in Secondary Schools (11, 11)

442A. Prerequisites: EDFN 413, EDSE 401, admission to teaching credential program; completion of waiver program or passing score on NTE in subject area of teaching credential; recommendation of subject-area department; prerequisites or corequisites: EDSE 415, 421, EDIT 450A. Four periods per day of directed teaching in assigned school. Seminars arranged. Graded CR/NC.

442B. Prerequisites: EDSE 415, 421, 442A, EDIT 450A; prerequisites or corequisites: EDFN 414, EDSE 423. Four periods per day of directed teaching in assigned school. Seminars arranged. Graded CR/NC.

489 Demonstration of Instructional Competencies (8-11)

First quarter. Prerequisites: EDCI 300, EDFN 413, EDSE 401, admission to teaching credential program, completion of approved waiver program or passing score on NTE in subject of teaching credential; prerequisites or corequisites: EDSE 415, 421, EDIT 450A. Demonstration of teaching competencies for full-time secondary teachers. Must include one period in subject area of credential. Meets California Single Subject teaching credential requirement for directed teaching. May be repeated for credit with division approval. Graded CR/NC.

Second quarter. Prerequisites: EDSE 415, 421, 442A or 489, EDIT 450A; prerequisites or corequisites: EDFN 414, EDSE 423. Demonstration of teaching competencies for full-time secondary teachers. Must include one period in subject area of credential. Meets California Single Subject teaching credential requirement for directed teaching. May be repeated for credit with division approval. Graded CR/NC.

490 Problems in Secondary Education (2-5)

Prerequisite: Instructor consent. Investigation of unique problems in secondary education. Specific subject announced in *Schedule of Classes*. May be repeated for credit as subject matter changes.

491 Problems of Junior High and Middle Schools in Metropolitan Areas (4)

Prerequisite: Teaching credential. Current trends and problems of American junior high and middle schools.

499 Undergraduate Directed Study (1-4)

Prerequisite: Instructor consent to act as sponsor. Project selected in conference with sponsor before registration; progress meetings held regularly; final report submitted. May be repeated for credit.

Courses in Special Education (EDSP)

(Division of Special Education)

Upper Division Courses**400 Education and Psychology of Exceptional Individuals (4)**

Characteristics of and implications for education of individuals with exceptional needs; related current problems, trends, programs, legislation, and community resources.

401 Assessment of Exceptional Individuals in Educational Settings (4)

Prerequisite or corequisite: EDSP 400. Principles, procedures, and use of educational assessment and evaluation techniques for special needs students in educational settings; emphasizes mastery of assessment practices for planning and evaluating the Individualized Educational Program (IEP).

402 Curriculum Modification and Instructional Strategies for Exceptional Individuals (4)

Prerequisite: EDSP 401. Development of instructional strategies appropriate for exceptional individuals; current methodology and techniques of curriculum modification necessary to individualize instruction for handicapped.

403 Special Education Laboratory (1-5)

Prerequisite: EDSP 401, corequisite for preservice Special Education majors; EDSP 402. Practicum field experience with exceptional individuals in designated areas of special education. Graded CR/NC.

404 Teacher Guidance for Exceptional Individuals (2)

Prerequisite: EDSP 400. Problems of personal, educational, and social adjustment affecting individuals with exceptional needs. Guidance techniques for teachers working with exceptional individuals and their families.

405 Career Preparation for the Handicapped (2)

Prerequisite: EDSP 404. Implications of handicapped conditions for career selection and preparation. Programs in schools and other agencies to develop career awareness, information, and skills.

406 Observation in Special Education (1-2)

Opportunity for firsthand experience with educational programs in special education. May be repeated to maximum of 4 units. Graded CR/NC.

407 Directed Teaching in Special Education (3-12)

Prerequisites: See *Directed Teaching* requirements. 12 units of directed teaching in an area of special education other than speech and hearing may be used to satisfy requirement for equivalent amount on teaching credential. Assignments in city and county schools under supervision and guidance of qualified teacher and University supervisor. Graded CR/NC.

408 Cognitive and Linguistic Processes in Exceptional Individuals (4)

Prerequisite: COMD 456. Theories and sequences of cognitive and linguistic development; impact of sensory, motor, emotional, and mental factors on these processes.

410 Education of Exceptional Individuals in Mainstream Settings (3)

Deviations from normal, sensory, motor, perceptual, and mental development. Implications of deficit areas for learning. Functional assessment of exceptional individuals. For students in Multiple and Single Subject credential programs.

412 Issues in Child Abuse, Neglect, and Family Violence (4)

(also listed as FSCS 412)

Overview of legal, health, social, psychological, educational, and cultural meaning of child maltreatment and family violence; field observations at appropriate agencies and sites.

415 Educational Assessment Techniques for Young Handicapped Children (4)

Prerequisite: Introductory course in child development. Assessment and educational planning for handicapped children from birth to five years old, and for their families.

416 Working with Families of Young Handicapped Children (4)

Prerequisites: EDSP 400, course work in child development. Techniques for teachers and other professionals working with families of young handicapped children in infant and preschool programs.

420 Implications of Communication Handicaps (4)

Prerequisite: EDSP 400. Survey of educational, psychological, and vocational implications of communication handicaps; emphasis on impact of auditory impairment.

430 Sign Language (3)

Methods of manual communication and relationships to other forms of communication; use of non-oral communication in therapeutic and educational settings.

431A Laboratory: Sign Language, Beginning (1)

Intensive sign language practice in the habilitation of prelingually hearing impaired individuals.

431B Laboratory: Sign Language, Advanced (1)

Advanced practice in sign language for the habilitation of prelingually hearing impaired individuals.

440 The Gifted Individual I (4)

Characteristics, needs, and identification of gifted individuals, with emphasis on early nurture. Problems of personal, educational, and social development of gifted individuals; overview of current and innovative programs.

441 The Gifted Individual II (4)

Prerequisite: EDSP 440. Strategies for education of gifted individuals, prekindergarten through grade 12. Methods of assessment; program planning to meet individual needs; evaluation of development. Emphasis on developing higher cognitive skills, including techniques of inquiry, simulation, open structure, and problem solving.

450 Educational and Vocational Implications of Retardation (4)

Implications of retardation for education and for community and vocational adjustment; current programs, services, and legal aspects. Observation in schools, workshops, and hospitals required.

460 Psychological, Sociological, and Vocational Implications of Physically Handicapped (3)

Prerequisite: EDSP 462. Psychological and sociological aspects of physical disabilities; services for individuals with physical disabilities.

461 Art, Music, and Recreation for Physically Handicapped (4)

Prerequisite: EDSP 462 or 465. Art, music, and recreation experiences relating to needs of physically handicapped children, including orthopedically and visually handicapped.

462 Survey of Physical Disabilities (4)

Prerequisite: EDSP 400. Physical defects commonly found among orthopedically handicapped children, accompanying defects of central nervous system damage, and resulting impairments in development.

465 Introduction to Vision (3)

Prerequisite: EDSP 400. Anatomy, physiology, and pathology of the eye; development of visual efficiency; use of low-vision aids; vision screening programs; assessment of visual perception problems.

466 Communication Skills for Vision Impaired (4)

Prerequisites: EDSP 402, 403. Fundamentals of teaching specialized communication skills to vision-impaired children, including Braille, typing, handwriting, slate and stylus; Braille reading and listening.

467 Methods for the Visually Impaired (4)

Prerequisite: EDSP 466. Special learning theories; visual problems and educational intervention; functional low-vision assessment and teaching strategies; blind and low-vision specialized curriculum; diagnosis and planning; methods, materials, and aids.

469 Psychological, Sociological, and Vocational Implications of Blindness (3)

Psychological aspects of blindness, vocational assessment and employment possibilities; services of state and private agencies, and integration of the blind into sighted society.

475 Orientation and Mobility for the Blind (4)

Prerequisite: Instructor consent or division. Orientation and independent travel techniques for congenitally and adventitiously blind under conditions simulating blindness. Emphasis on use of other senses and long cane technique. Lecture/discussion 2 hours, practicum 6 hours.

476 Advanced Mobility Instruction for Teachers of the Blind (5)

Prerequisites: EDSP 475, instructor consent. Clinical practicum in application of basic techniques, interpretation and coordination of the sensorium, emphasis upon analysis of readiness, aptitude, development of environmental concepts; practicum in analysis of immediate environs.

480 Assessment and Curriculum in Integrated School and Community Settings (4)

Prerequisites: EDSP 402, 403. Assessment and curricular strategies for students with severe disabilities in integrated school and community settings; working with school personnel, families, significant others, and the community.

481 Instructional Strategies for Students with Severe Disabilities (4)

Prerequisite: EDSP 403. Methods of teaching students with severe disabilities and other exceptionalities in integrated school and community settings; strategies for infusing academic, communication, and motor skills into functional and age-appropriate curriculum.

489 Demonstration of Instructional Competencies (3-12)

Prerequisites: Approval of division chairperson or designee. Demonstration of competencies related to instructional skills specified for components leading to completion of approved credential, certificate, or degree program requirements. May be repeated for credit with division approval. Graded CR/NC.

490 Problems in Special Education (2-5)

Prerequisite: Instructor consent. Investigation and study of unique problems in special education. Specific subject announced in *Schedule of Classes*. May be repeated for credit as subject matter changes.

499 Undergraduate Directed Study (1-4)

Prerequisite: Instructor consent to act as sponsor. Project selected in conference with sponsor before registration; progress meetings held regularly; final report submitted. May be repeated for credit.



SCHOOL OF ENGINEERING AND TECHNOLOGY

Departments within the School

Department of Civil Engineering

Department of Electrical and Computer Engineering

Department of Mechanical Engineering

Department of Technology

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEAN'S OFFICE

Engineering and Technology A221

Phone: (213) 343-4500

ASSOCIATE DEAN'S OFFICE

Engineering and Technology A237

Phone: (213) 343-4510

Engineering and technology contribute in many ways to the welfare, technological progress, and defense of the nation by developing methods for converting raw materials and power sources into useful products. Engineers and technologists also develop scientific equipment to probe outer space, the human body, and the ocean depths. They design, plan, and supervise the construction of buildings, highways, rapid transit systems, and water supplies and involve themselves in areas of solid state electronics, computers, electrical equipment, communications, controls, and power distribution systems. They also enter the fields of mechanics, thermal science, machinery design, instrumentation, and the development and transmission of power.

The School of Engineering and Technology offers programs leading to the Bachelor of Science degree in Engineering with an option in Civil, Electrical, or Mechanical Engineering or with a Special Option; Bachelor of Science in Industrial Technology, with options in Aviation Administration, Printing Management, and Production Technology; Bachelor of Science in Fire Protection Administration and Technology; Bachelor of Arts in Industrial Arts; and Bachelor of Vocational Education in Vocational Arts. A minor is available for students majoring in other fields.

The school offers Master of Science degrees in Civil, Electrical, and Mechanical Engineering and Master of Arts degrees in Industrial and Technical Studies and in Vocational Education. These are described in the *Graduate Programs* section.

ENGINEERING

Bachelor of Science Degree in Engineering

The Bachelor of Science degree program provides instruction in the basic sciences and in engineering design and synthesis. The degree may be earned with an option in Civil, Electrical, or Mechanical Engineering, or with a Special Option. Programs leading to the Bachelor of Science degree in Engineering, civil, electrical, and mechanical engineering options, are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (EAC/ABET). Accreditation requires that all programs provide the following minimum level of instruction: one and one-half years of basic sciences and mathematics, one year of engineering sciences, one-half year of engineering design, and one-half year of humanities and social sciences. Students may prepare for both traditional and innovative careers in engineering fields and in interdisciplinary combinations such as materials sciences, fire protection engineering, and manufacturing engineering.

Requirements for the Major

The total number of units required for the Bachelor of Science degree in Engineering differs slightly with the option chosen, as shown below. All students complete a required basic program of lower division courses, followed by specific requirements and tech-

nical electives appropriate to their selected option and individual professional objectives.

Students consult a faculty adviser before registering for classes in their first quarter. They are then required to see their adviser before registering for each subsequent quarter to check for completion of prerequisites and granting of approval to register. Students are expected to develop working relationships with their advisers, and are expected to design elective programs with adviser consultation. They must complete all required lower division course work and obtain upper division advisement before registering for elective courses.

Civil Engineering - The degree and major with this option require a minimum of 200 units including 152 in the major: 76 in lower division required courses, 58 in upper division required courses, and 18 in upper division electives.

Electrical Engineering - The degree and major with this option require a minimum of 203 units including 155 in the major: 63 in lower division required courses, 61 in upper division required courses, 14 in upper division EE electives (12 lecture, 2 lab), 4 in upper division MATH electives, and 13 in an upper division specialization.

Mechanical Engineering - This degree and major with this option require a minimum of 200 units including 152 in the major: 76 in lower division required courses, 56 in upper division required courses, and 20 in upper division electives.

Special Option - The degree and major with this option require a minimum of 200 units including 152 in the major: 72 in lower division required courses, 28 in upper division required courses, and 52 units in upper division electives.

In addition, all options require the completion of 72 units of general education; however, 24 general education units that are also required for the major are "double counted."

Transfer Students

The Engineering program is designed for students who transfer from a California community college as well as those who begin their work at Cal State L.A. Students at other colleges who are considering transferring to Cal State L.A. are urged to consult a department adviser for complete details and for program counseling.

In evaluating transfer courses, the School of Engineering allows no subject credit for upper division work taken at another institution in which the grade of "D" or its equivalent was earned. Lower division courses, are not subject to this restriction.

TECHNOLOGY

The Department of Technology offers undergraduate study in various areas of industrial arts and in the specific technical areas of aviation administration, production technology, printing management, and fire protection administration. Graduates of these programs are employed in industry as management representatives, trainers, production supervisors, technical support specialists, or management trainees or as administrators in the fire services, and as teachers of industrial education in public schools. In addition, the department offers several upper division credit certificate programs to provide further technical depth.