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.

James M. Rosser
President
GENERAL CATALOG
1991 - 1993

California State University, Los Angeles

5151 State University Drive
Los Angeles, California 90032

$4.75
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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### Calendar 1991

**Dates in bold type are class days**

**Boxed dates are holidays (campus closed)**

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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 9-25 . . . . . 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 26-28 . . . . . Thanksgiving holidays; campus closed
December 9-14 . . . . . Final examinations
December 9-14 . . . . . 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 19 . . . . . 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 23 . . . . . Honors Convocation; all-University event
May 31 . . . . . Memorial Day observed; campus closed
June 7-13 . . . . . 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 7 . . . . . Student recess

FALL QUARTER 1993

September 24 (Thursday) . . . . Fall quarter classes begin
October 12 . . . . . Columbus Day; campus open
November 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

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 7-13 . . . . . Final examinations
June 13 . . . . . 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.
### Officers of Administration

- **President of the University**: James M. Rosser
- **Affirmative Action Program Director**: Charon A. D’Alessio
- **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
- **Associate Vice President for Academic Affairs—Faculty and Administration**: Margaret J. Hartman
- **Registrar**: Joan V. Woosley
- **Dean of Graduate Studies and Research**: Theodore J. Cervello
- **Associate Dean**: Costello L. Brown
- **Director of Research and Sponsored Programs**: Susan G. Steiner
- **Dean of Undergraduate Studies**: Alfredo G. Gonzalez
- **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 Coordinator**: Cleda Givens
- **Director of Extension and Special Sessions**: Frances Chiles
- **Director of American Culture and Language Program (ACLCP)**: Sally Gardner
- **Director, Instructional Television Fixed Services (ITFS)**: Rod Gardner
- **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 and Data Administration**: Vivien Ko

### Directors and Administrators

- **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 Hiklin
- **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 Delkaskamp
- **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
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.

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, Honorary Ex Officio
Francis H. Armone, Honorary Ex Officio
Laura Balverde-Sanchez, Ex Officio
Alex J. Carter, Ex Officio
James J. Lehr, Ex Officio
Michael A. Lucki, Ex Officio
Carol J. Numrich, Ex Officio
James I. Penrod, Ex Officio
James M. Rosser, Ex Officio
Mary Elizabeth Shuffer, Ex Officio
George D. Taylor, Ex Officio

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.

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.

Executive Board
Eva D. Grant ’66, ’71 ........................................... President
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Michael A. Lucki ’78 .......................................... President Elect
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Ernie C. Byrd ’67, ’74 .......................................... Vice President for Development
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Philip Castruita ’69
Arthur Flores ’71
Burt Golden ’61, ’75
Patricia Hawkins ’65, ’75
Virginia Hunter ’71
Judy Lane ’69 (Director), Ex Officio
Dolores B. McDavid ’67, ’76
Robert McMeekin ’66, ’71
Louis R. Negrete ’67
Alice Petrossina ’69, ’80
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Claude D. Van Gorden ’65

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. Gofson
Larkin Teasley
David Wilstein
John R. Attwood ..................................................... Ex Officio
James J. Lehr ............................................................. Ex Officio
Carol J. Numrich ..................................................... Ex Officio
James M. Rosser ..................................................... Ex Officio
## UNIVERSITY OFFICES AND SERVICES

<table>
<thead>
<tr>
<th>Office/Department or Service</th>
<th>Location</th>
<th><strong>Phone</strong></th>
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<tbody>
<tr>
<td>Admission and Evaluation</td>
<td>Admin 228</td>
<td>3901</td>
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<tr>
<td>Academic Advisement and Information Center (undecided majors)</td>
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<tr>
<td>Associated Clinics</td>
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<td>4750</td>
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<tr>
<td>Associated Students</td>
<td>Union 422</td>
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<tr>
<td>Athletics, Intercollegiate</td>
<td>PE 102</td>
<td>3080</td>
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<td>Bookstore, University Square</td>
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<td>2500</td>
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<tr>
<td>Campus Operator</td>
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<tr>
<td>Career Planning and Placement</td>
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<td>Cashier's Office</td>
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<td>3630</td>
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<tr>
<td>Continuing Education (Extension, Open University)</td>
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<td>Child Care Center</td>
<td>C. C. Center</td>
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<tr>
<td>Cooperative Education</td>
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<tr>
<td>Counseling (personal)</td>
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<tr>
<td>Credential Information</td>
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<tr>
<td>Dean of Students</td>
<td>SA 117</td>
<td>3101</td>
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<tr>
<td>Office for Students with Disabilities</td>
<td>SA 115</td>
<td>3140(TDD)</td>
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<tr>
<td>Educational Opportunity Program (EOP)</td>
<td>SA 210</td>
<td>3467</td>
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<tr>
<td>Educational Placement</td>
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<tr>
<td>Evening Services</td>
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<tr>
<td>Financial Services, Student</td>
<td>SA 124</td>
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<tr>
<td>Graduate Studies and Research</td>
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<tr>
<td>Health-Related Programs</td>
<td>Bio Sci 125</td>
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<tr>
<td>Health Sciences Advisement Center (Premedical and other science fields)</td>
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<td>Health Services</td>
<td>Health Center</td>
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<tr>
<td>Honors Program, General Education</td>
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<tr>
<td>Housing and Residence Life</td>
<td>Housing Complex</td>
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<tr>
<td>Instructional Computing Laboratories</td>
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<td>International Student Services</td>
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<tr>
<td>Legal Information/Referral Service</td>
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<td>Library (Information)</td>
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<tr>
<td>Orientation, New Student</td>
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<tr>
<td>Performing Arts Box Office, School of Arts and Letters</td>
<td>Theatre lobby</td>
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<tr>
<td>Police, Campus</td>
<td>Bung C</td>
<td>3700</td>
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<td>Records Office</td>
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<td>3849</td>
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<tr>
<td>Registration Office</td>
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<td>Scholarships</td>
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<tr>
<td>School and College Relations and Preadmission Counseling</td>
<td>SA 123</td>
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<tr>
<td>(includes preadmission advisement and campus tours)</td>
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<td>Student Affirmative Action (SAA)</td>
<td>SA 114</td>
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<td>Study Abroad</td>
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<tr>
<td>Student Programs (Center for Student Life)</td>
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<tr>
<td>Tutoring Services</td>
<td>Lib So 1040A</td>
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<td>Travel Agency (World Vista)</td>
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<tr>
<td>Testing Office</td>
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<tr>
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<tr>
<td>Veterans Services</td>
<td>Admin 402</td>
<td>3842</td>
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<tr>
<td>Women's Resource Center</td>
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</table>

** 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

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Office</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Dean</td>
<td>Bobby R. Patton</td>
<td>Mus 229</td>
<td>4000</td>
</tr>
<tr>
<td>Associate Dean</td>
<td>Robert D. Reeser</td>
<td>Mus 232</td>
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<thead>
<tr>
<th>Departments/Programs and Department Chairs/Program Coordinators</th>
<th>Location</th>
<th>Extension</th>
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<tbody>
<tr>
<td>Art</td>
<td>FA 326</td>
<td>4010</td>
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<tr>
<td>Communication Studies</td>
<td>Mus 104</td>
<td>4200</td>
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<tr>
<td>English</td>
<td>E&amp;T A605</td>
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<tr>
<td>Foreign Languages and Literatures</td>
<td>KH D1054</td>
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<tr>
<td>Liberal Studies (interdisciplinary program)</td>
<td>E&amp;T A427</td>
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<tr>
<td>Music</td>
<td>Music 145</td>
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<tr>
<td>Philosophy</td>
<td>E&amp;T A429</td>
<td>4190</td>
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<tr>
<td>Theatre Arts and Dance</td>
<td>Theatre 110</td>
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#### SCHOOL OF BUSINESS AND ECONOMICS

<table>
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<tr>
<th>Position</th>
<th>Name</th>
<th>Office</th>
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<tbody>
<tr>
<td>Dean</td>
<td>Charles J. Inacker</td>
<td>ST F124</td>
<td>2800</td>
</tr>
<tr>
<td>Associate Dean (Academic Affairs and Resources)</td>
<td>David P. Dauwalder</td>
<td>ST F124</td>
<td>2800</td>
</tr>
<tr>
<td>Associate Dean (Graduate)</td>
<td>M. David Oh</td>
<td>ST F124</td>
<td>2800</td>
</tr>
<tr>
<td>Graduate Programs Office</td>
<td>Phys Sci 106</td>
<td>2810</td>
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<table>
<thead>
<tr>
<th>Departments/Programs and Department Chairs/Program Coordinators</th>
<th>Location</th>
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<tbody>
<tr>
<td>Accounting</td>
<td>ST F517</td>
<td>2830</td>
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<tr>
<td>Economics and Statistics</td>
<td>ST F917</td>
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<tr>
<td>Finance and Law</td>
<td>ST F717</td>
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<tr>
<td>Health Care Management (program)</td>
<td>ST F717</td>
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<tr>
<td>Information Systems</td>
<td>ST F603</td>
<td>2893</td>
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<tr>
<td>Management</td>
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<tr>
<td>Marketing</td>
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<tr>
<td>Office Systems and Business Education</td>
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#### SCHOOL OF EDUCATION

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<th>Position</th>
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<tbody>
<tr>
<td>Dean</td>
<td>Allen A. Mori</td>
<td>KH D2069</td>
<td>4300</td>
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<tr>
<td>Associate Dean for Instruction and Graduate Studies</td>
<td>C. Lamar Mayer</td>
<td>KH D2070</td>
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<td>Graduate Studies Office</td>
<td>KH D2070</td>
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<tr>
<td>Associate Dean for Student Services</td>
<td>Alice V. Watkins</td>
<td>KH D2078</td>
<td>4322</td>
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<td>Student Services Office</td>
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<tr>
<th>Divisions and Division Chairs</th>
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<tbody>
<tr>
<td>Administration and Counseling</td>
<td>KH C1065</td>
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<tr>
<td>Curriculum and instruction</td>
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<tr>
<td>Educational Foundations and Interdivisional Studies</td>
<td>KH D2098</td>
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<tr>
<td>Special Education</td>
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#### SCHOOL OF ENGINEERING AND TECHNOLOGY

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<th>Name</th>
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<tbody>
<tr>
<td>Dean</td>
<td>Raymond B. Landis</td>
<td>E&amp;T A221</td>
<td>4500</td>
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<tr>
<td>Associate Dean</td>
<td>Don Maurizio</td>
<td>E&amp;T A237</td>
<td>4510</td>
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<tr>
<td>Engineering Information Center</td>
<td>E&amp;T A242</td>
<td>4514</td>
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<tr>
<td>Technology Information</td>
<td>E&amp;T A341</td>
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<th>Departments and Department Chairs</th>
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<tr>
<td>Civil Engineering</td>
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<tr>
<td>Electrical and Computer Engineering</td>
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<td>Mechanical Engineering</td>
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<tr>
<td>Technology</td>
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### SCHOOL OF HEALTH AND HUMAN SERVICES

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<tr>
<td>Dean</td>
<td>Ruth R. Wu</td>
<td>FA 134</td>
<td>4600</td>
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<tr>
<td>Associate Dean</td>
<td>Karen M. Johnson</td>
<td>FA 132</td>
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#### Departments/Programs and Department Chairs/Program Coordinators

<table>
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<th>Coordinator</th>
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<tbody>
<tr>
<td>Child Development (interdisciplinary program)</td>
<td>Ann Bingham-Newman (Coordinator)</td>
<td>E&amp;T A535</td>
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<tr>
<td>Communication Disorders</td>
<td>Betty L. McMicken</td>
<td>KH B106D</td>
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<tr>
<td>Criminal Justice</td>
<td>Howard Earle</td>
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<tr>
<td>Family Studies and Consumer Sciences</td>
<td>Bruce Campbell</td>
<td>FA 238</td>
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<tr>
<td>Health Science</td>
<td>Vicente Zapata</td>
<td>E&amp;T A505</td>
<td>4740</td>
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<tr>
<td>Nursing</td>
<td>Jo Ann Johnson</td>
<td>ST F417</td>
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<tr>
<td>Physical Education and Recreation/Leisure Studies</td>
<td>Jerry Ball</td>
<td>PE 206</td>
<td>4650</td>
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<tr>
<td>Social Work</td>
<td>Shirley Better</td>
<td>KH C4069</td>
<td>4680</td>
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<tr>
<td>Voluntary Youth Agency Administration (certificate program)</td>
<td>Jan Mackay (Coordinator)</td>
<td>Lib No Lobby</td>
<td>4580</td>
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### SCHOOL OF NATURAL AND SOCIAL SCIENCES

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<th>Name</th>
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<tr>
<td>Dean</td>
<td>Donald O. Dewey</td>
<td>KH D1052</td>
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<tr>
<td>Associate Dean</td>
<td>Joseph Bragin</td>
<td>KH D1050</td>
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#### Departments/Programs and Department Chairs/Program Coordinators

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<tr>
<td>Anthropology</td>
<td>Norman Klein</td>
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<tr>
<td>Biology</td>
<td>Alan Muchinski</td>
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<tr>
<td>Chemistry and Biochemistry</td>
<td>Carlos Gutierrez</td>
<td>Phys Sci 616</td>
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<td>Chicano Studies</td>
<td>Francisco Balderrama</td>
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<td>Geography and Urban Analysis</td>
<td>William G. Byron</td>
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<td>Geological Sciences</td>
<td>Gary A. Novak</td>
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<td>Richard D. Burns</td>
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<td>Latin American Studies (interdisciplinary program)</td>
<td>Marjorie Bray (Coordinator)</td>
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<td>Mathematics and Computer Science</td>
<td>Marshall Cates</td>
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<td>Microbiology</td>
<td>Kenneth L. Anderson</td>
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<td>Pan-African Studies</td>
<td>Aida Takla O'Reilly</td>
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<td>Physical Science (interdisciplinary program)</td>
<td>Robert Carr (Coordinator)</td>
<td>Phys Sci 315</td>
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<td>Physics and Astronomy</td>
<td>Fleur Yano</td>
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<td>Theodore J. Anagnoston</td>
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<td>Psychology</td>
<td>Michael L. Wapner</td>
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<td>Benjamin Smith (Coordinator)</td>
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<td>Sociology</td>
<td>Delos H. Kelly</td>
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### PREPROFESSIONAL ADVISEMENT

#### Program Coordinators

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<th>Program</th>
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<td>Health-Related Programs</td>
<td>Rosemarie Marshall</td>
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<tr>
<td>Department of Finance and Law</td>
<td>Martha Cattell, Laurence Clark</td>
<td>ST F717</td>
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<td>Department of Political Science</td>
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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 cover 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 7,000 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 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. 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.

**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 (AICP), 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.
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 nongraded 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 nonmatriculated students to register concurrently with matriculated students in regular classes, for a per-unit fee which is currently $57 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, 1-20 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 Alumni 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-
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 courses leading to the doctorate in Special Education.

**Edward 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 discussion 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 in 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—highlighting instructional efforts and strengths, providing workshops and individual consultation for faculty members, and providing 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 a 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 School of Engineering and Technology, the center provides support and assistance to students, faculty, teachers, public agencies, businesses, 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), 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
Operated by the Department of Technology, the center provides support and assistance to students, faculty, teachers, public agencies, businesses, and industry, including professional support and consulting, in-service activities, conferences and workshops, and disseminates professional information through an electronic bulletin communications network. 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 haven 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 documentation, 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 Bernadino. 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 ocean-going 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.
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 Career Center and are updated daily.

**Job Referral**

Through the Job Referral program, a wide range of vacancies are 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 118, 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
Hudson Roysher 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
Florenc Bonhard
Japanese Study

Music Department
Andrea's-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 Paulle
Friends of Music/Leonard Pennario
Friends of Music/Dr. Robert Strassburg
Friends of Music/Harry Warren Memorial
George and Iras 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. Bohans/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)
Vance L. Stickell (Los Angeles Times)
William C. Stroud (Strouds)
Wilfred R. Sigma Simpson 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. Smallenburg Fellowship
Harry Smallenburg
Margaret A. Thornton
Mikio and Margaret Tchicka
Marian E. Wages staff
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.

Scholarship Program
Ralph Lockard
Minority Engineering Program

Dennis Monge
National Action Council for Minorities in Engineering
Alex Rabin/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
Ellis Hahn
Janet Jeffers
Michael Rettig 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
Daly/Proudfoot Nursing
Louise Savage Memorial
Frank and Helen Shepherd Memorial

Physical Education and Recreation/Leisure Studies Department
David "Deacon" Jones/Kellee Patterson
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 Tamblyn 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. Abbadesa
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 Estezew/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 F. Smith Memorial
Soroptimist 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 interested 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.
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 Center.
**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).

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) 343-3307, 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

**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 proofread 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) 343-3331.

**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.

**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.
The University - Student Union (U-SU), phone (213) 343-2450, is participating in social, cultural, recreational, and educational activities.

The University-Student Union (U-SU) offers a range of programs and services. Students, staff, faculty, alumni, and invited guests participate in social, cultural, recreational, and educational activities.

Within the residential community are two community centers, each 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 5303 Paseo Rancho Castilla, Los Angeles, CA 90032-8647, phone (213) 343-4800.

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 5303 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 extra-curricular 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 coordinates 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, Pumpernikles 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 benefits, 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.

**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.

- California Anthropologist
- Cal State L.A. Engineer
- Statement
- The Looking Glass
- The Literary Gazette
- University Times
- Perspectives: A Journal of History

**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:

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

**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

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 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 advisor 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 advisors 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 coursework 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 had 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.
- 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 at 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 nonmigrant 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, 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

<table>
<thead>
<tr>
<th>Terms in 1991-1992</th>
<th>Applications Begins</th>
<th>Applications Accepted</th>
<th>Student Notification Begins</th>
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<tbody>
<tr>
<td>Winter Quarter 1992</td>
<td>June 1, 1991</td>
<td>July 1991</td>
<td></td>
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</tbody>
</table>

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:

<table>
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<tr>
<th>Quarter</th>
<th>Application Filing Period</th>
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<tr>
<td>Fall Quarter</td>
<td>November 1–30</td>
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<tr>
<td>Winter Quarter</td>
<td>June 1–30</td>
</tr>
<tr>
<td>Spring Quarter</td>
<td>August 1–31</td>
</tr>
</tbody>
</table>

The Admissions Office 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 acknowledgment 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 graduates 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 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 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 decision. A complete application is required, including 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.'s 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.
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 CSU 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.

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

** 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 CSU 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 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.

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.

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.
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:

<table>
<thead>
<tr>
<th>Class Level</th>
<th>Quarter Units Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower Division</td>
<td>0-44</td>
</tr>
<tr>
<td>Freshman</td>
<td>45-89</td>
</tr>
<tr>
<td>Sophomore</td>
<td></td>
</tr>
<tr>
<td>Upper Division</td>
<td>90-134</td>
</tr>
<tr>
<td>Junior</td>
<td>135+</td>
</tr>
<tr>
<td>Senior</td>
<td></td>
</tr>
</tbody>
</table>

**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 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:

<table>
<thead>
<tr>
<th>Units</th>
<th>Quarter</th>
<th>Academic Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 6.0</td>
<td>$180</td>
<td>$540</td>
</tr>
<tr>
<td>6.1 or more</td>
<td>$312</td>
<td>$936</td>
</tr>
</tbody>
</table>

Miscellaneous Fees:

<table>
<thead>
<tr>
<th>Category</th>
<th>Quarter</th>
<th>Academic Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Facilities</td>
<td>$2.00</td>
<td>$6.00</td>
</tr>
<tr>
<td>Instructionally Related Activities</td>
<td>$7.00</td>
<td>$21.00</td>
</tr>
<tr>
<td><strong>Associated Students</strong></td>
<td>$16.50</td>
<td>$45.50</td>
</tr>
<tr>
<td>University-Student Union</td>
<td>$16.00</td>
<td>$48.00</td>
</tr>
</tbody>
</table>

** 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)

<table>
<thead>
<tr>
<th>Fee for</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comprehensive examination (course #396 in major)</td>
<td>$10.00</td>
</tr>
<tr>
<td>Credential application</td>
<td>40.00</td>
</tr>
<tr>
<td>Credential (transcript) eval/proc</td>
<td>25.00</td>
</tr>
<tr>
<td>Degree check application (graduation)</td>
<td>20.00</td>
</tr>
<tr>
<td>Diploma</td>
<td>10.00</td>
</tr>
<tr>
<td>Dishonored check/credit card</td>
<td>10.00</td>
</tr>
<tr>
<td>Foreign Language Reading Exam. (FL 901)</td>
<td>10.00</td>
</tr>
<tr>
<td>Late Registration (nonrefundable)</td>
<td>25.00</td>
</tr>
<tr>
<td>Parking decals (per quarter)</td>
<td></td>
</tr>
<tr>
<td>Automobiles</td>
<td>42.00</td>
</tr>
<tr>
<td>Meters (per hr.)</td>
<td>30.50</td>
</tr>
<tr>
<td>Motorcycles, Mopeds</td>
<td>10.50</td>
</tr>
<tr>
<td>Photo-ID (nonrefundable)</td>
<td>5.00</td>
</tr>
<tr>
<td>Thesis binding (not a State fee) (per copy)</td>
<td>8.00</td>
</tr>
<tr>
<td>Transcript of academic record (single copy)</td>
<td>4.00</td>
</tr>
<tr>
<td>Each additional transcript (2-10) at the same time</td>
<td>2.00</td>
</tr>
<tr>
<td>Each additional transcript (in excess of 10) at the same time</td>
<td>1.00</td>
</tr>
<tr>
<td>Writing Proficiency Examination (WPE—UNIV 400)</td>
<td>15.00</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Fee</th>
<th>Per Transaction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hourly or overnight loans</td>
<td>$0.25</td>
</tr>
<tr>
<td>Maximum per transaction</td>
<td>$10.00</td>
</tr>
<tr>
<td>Day-based loans</td>
<td>$1.00</td>
</tr>
<tr>
<td>Maximum per transaction</td>
<td>$10.00</td>
</tr>
<tr>
<td>Quarter- or semester-based loans</td>
<td></td>
</tr>
<tr>
<td>First billing</td>
<td>$10.00</td>
</tr>
<tr>
<td>Second billing</td>
<td>$10.00</td>
</tr>
</tbody>
</table>

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

### Undergraduate

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

### Graduate

<table>
<thead>
<tr>
<th>Grade Symbol</th>
<th>Explanation</th>
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<td>Withdrawal</td>
<td>not applicable</td>
</tr>
<tr>
<td>RD</td>
<td>Report delayed</td>
<td>not applicable</td>
</tr>
</tbody>
</table>

**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 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 averages.

**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-
Criteria are listed below.

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, 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; 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 objectives (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 advisors 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:

<table>
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<tr>
<th>Grade</th>
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<tr>
<td>A</td>
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<td>4.0</td>
</tr>
<tr>
<td>B</td>
<td>3.5</td>
<td>3.5</td>
</tr>
<tr>
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<td>3.0</td>
</tr>
<tr>
<td>D</td>
<td>2.5</td>
<td>2.5</td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

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

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.

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<tr>
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<td>2.5</td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

For purposes of grade point average this symbol is equivalent to an F.
Juniors (90-134 units completed)

Class Level
deficiency reaches the following levels are disqualified:

regardless of whether they were on probation during the prior
at Cal State L.A. or in all college

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
and for adm inistrative-academic deficiency.

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 proba-
  tion are not met within the period specified.
- Students become subject to academic probation while on admin-
 istrative-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 re-
quired 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 reinsta-
ment 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. Stu-
dents 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 Ad-
ministration 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 proba-

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, 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 materials/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 ideas 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 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

<table>
<thead>
<tr>
<th>Authorized Area</th>
<th>Degree Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art</td>
<td>Art, BA</td>
</tr>
<tr>
<td>Business</td>
<td>Business Education, BS</td>
</tr>
<tr>
<td>English</td>
<td>English, BA</td>
</tr>
<tr>
<td>English</td>
<td>Speech Communication, BA</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>French, BA</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>Japanese, BA</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>Spanish, BA</td>
</tr>
<tr>
<td>Health Science</td>
<td>Health Science, BS</td>
</tr>
<tr>
<td>Home Economics</td>
<td>Home Economics, BA</td>
</tr>
<tr>
<td>Industrial Arts</td>
<td>Industrial Arts, BA</td>
</tr>
<tr>
<td>Life Science</td>
<td>Biology, BS</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Mathematics, BA, BS</td>
</tr>
<tr>
<td>Music</td>
<td>Music, BA</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Physical Education, BS</td>
</tr>
<tr>
<td>Physical Science</td>
<td>Earth Sciences, BA</td>
</tr>
<tr>
<td>Physical Science</td>
<td>Physical Science, BS</td>
</tr>
<tr>
<td>Social Science</td>
<td>Social Science, BA</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Authorized Area</th>
<th>Type of Credential Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Mathematics</td>
<td>Multiple or Single Subject</td>
</tr>
<tr>
<td>Biology</td>
<td>Single Subject</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Single Subject</td>
</tr>
<tr>
<td>Comparative Political Systems and International Relations</td>
<td>Single Subject</td>
</tr>
<tr>
<td>Earth Sciences</td>
<td>Single Subject</td>
</tr>
<tr>
<td>Geography</td>
<td>Single Subject</td>
</tr>
<tr>
<td>Physics</td>
<td>Single Subject</td>
</tr>
<tr>
<td>U.S. Government and Civics</td>
<td>Single Subject</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Arts (B.A.)</td>
<td>186 units</td>
</tr>
<tr>
<td>Bachelor of Music (B.M.)</td>
<td>198 units</td>
</tr>
<tr>
<td>Bachelor of Science (B.S.)</td>
<td>186–205 units depending on major</td>
</tr>
<tr>
<td>Bachelor of Vocational Education (B.V.E.)</td>
<td>186 units</td>
</tr>
</tbody>
</table>

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:
UNDERGRADUATE STUDY / 59

- 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-
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 physics 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) 343-3300.

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 1278, (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:

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

**Program/Department/Division**

| **Nutrition and Food**       | 343-4630 |
| Family Studies and Consumer Sciences | 343-4630 |
| Physical Education for Exceptional Individuals | 343-4650 |
| **Preprofessional Program for Medicine, Dentistry, Optometry, Pharmacy, Podiatry, and Veterinary Medicine** | 343-2070 |
| Health Science Advisement Office | 343-2070 |
| **Rehabilitation Services**  | 343-4250 |
| Administration and Counseling | 343-4250 |
| **Social Work**              | 343-4680 |
| Social Work                  | 343-4680 |
| *Special Education*          | 343-4400 |
| 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.
1. Economics
2. Political Science
3. Psychology

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.

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)
- Biology (BS)
- Chemistry (BA, BS)
- Computer Science (BS)
- Earth Sciences (BA)
- Geology (BS)
- Health Science (BS)
- Nursing (BS)

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)
- English (BA)
- French (BA)
- Industrial Arts (BA)
- Japanese (BA)
- Journalism (BA)
- Liberal Studies (BA)
- Music (BMus, BA)
- Philosophy (BA)
- Radio/TV Broadcasting (BA)
- Spanish (BA)
- Theatre 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)
- Anthropology (BA)
- Business Administration (BS)
- Business Education (BS)
- Child Development (BA)
- Communicative Disorders (BA)
- Computer Information Systems (BS)
- Criminal Justice (BS)
- Economics (BA)
- Fire Protection Administration and Technology (BS)
- Geology (BA)
- History (BA)
- Home Economics (BA)
- Industrial Technology (BA)
- Latin American Studies (BA)
- Mexican-American Studies (BA)
- Political Science (BA)
- Psychology (BA)
- Rehabilitation Services (BS)
- Social Science (BA)
- Social Work (BA)
- Sociology (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

<table>
<thead>
<tr>
<th>Catalog: 1982–1983 or later</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong> Basic Subjects</td>
</tr>
<tr>
<td><strong>UNITS:</strong> 16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>§A1 WRITN COMM</strong></th>
<th><strong>U S HISTORY</strong></th>
<th><strong>B1 BIOLOGICAL</strong></th>
<th><strong>C1 LITERATURE</strong></th>
<th><strong>D</strong></th>
<th><strong>E</strong></th>
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</thead>
<tbody>
<tr>
<td>§ENGL 190</td>
<td>HIST 202A or 202B</td>
<td>BIOL 155, 156</td>
<td>ENGL 250, 258</td>
<td>ANTH 250</td>
<td>ANTH 265</td>
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<tr>
<td>§ENGL 190</td>
<td>U S CONSTITUTION</td>
<td>MICR 151</td>
<td></td>
<td>ECON 150</td>
<td>CHEM 160</td>
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<tr>
<td>§A2 ORAL COMM</td>
<td>§ENGL 190</td>
<td></td>
<td></td>
<td>ENGR 250</td>
<td>*** FSCS 120, 250</td>
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<td>§SPCH 176</td>
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<td></td>
<td></td>
<td>GEOG 150</td>
<td>HS 150</td>
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<td>§A3 CRIT THINK</td>
<td>§ENGL 190</td>
<td>U S CONSTITUTION</td>
<td>§ENGL 225</td>
<td>HIST 110ABC</td>
<td>PE 150</td>
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<td>PHIL 160, 250</td>
<td>§ENGL 190</td>
<td>§POL 150</td>
<td>MUS 150, 160, 264</td>
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<td>PSY 160</td>
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<td>§POL 150</td>
<td>§ENGL 190</td>
<td>§POL 150 or 200</td>
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<td>SOC 201</td>
<td>SOC 202</td>
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<td>§POLS 150</td>
<td>§ENGL 190</td>
<td>§POLS 150 meets both areas</td>
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<td>URB A 101</td>
<td>*** formerly HE 120, 250</td>
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<td>§A4 MATH</td>
<td>§ENGL 190</td>
<td>§POLS 150</td>
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<tr>
<td>MATH @100, 102, #153</td>
<td>§ENGL 190</td>
<td>§POLS 150 meets both areas</td>
<td></td>
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</tr>
</tbody>
</table>

@formerly MATH 153  #changed to MATH 100

§Minimum C grades in these classes required of students following 1987–1989 or any later catalog

**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.

#not offered after the 1986–87 academic year
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/CHM/CS/PHYS 358N, Science and Controversy (4)
  - ENGR/GEOL 358, Technology and Environment (4)

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

- Humanities
  - 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 creative development of humans. 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/CHM 350N, Evolution of Life (4)
  - GEOL/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 environmental, 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 421, United States (4)

- Social Sciences
  - GEOG 421, United States (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 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)

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 435, Race and Culture in Latin America (4)
PAS 427, Institutional Racism: Black Response in Literature (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/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 the combined 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 institutionalization 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
L.A., or at the time of graduation from Cal State L.A. in this context.

Community college, or any combination of California community attendance means attendance in at least one semester or two another accredited institution of higher learning shall not be considered an interruption in attendance if the interruption does not

sion. and concurrent enrollment in Cal State L.A. courses. Ab

sions at any California State University campus, any California time they began such attendance, at the time they entered Cal State L.A. for the first time must meet degree requirements specified in the catalog in effect at the time of attendance. The catalog date is specified on each student's credit summary.

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
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)
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Social Sciences
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SOC 400, Emotions in Society (4)

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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 (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 8 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/Career 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 1 (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.

<table>
<thead>
<tr>
<th>Honors Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Cum laude</em> (honors)</td>
<td>Top 1%</td>
</tr>
<tr>
<td><em>Magna cum laude</em> (high honor)</td>
<td>Top 3%</td>
</tr>
<tr>
<td><em>Summa cum laude</em> (highest honor)</td>
<td>Top 5%</td>
</tr>
</tbody>
</table>

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 nongraduate 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.

<table>
<thead>
<tr>
<th>National Honor Society</th>
<th>Discipline(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpha Kappa Delta</td>
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<tr>
<td>Beta Alpha Psi</td>
<td>Accounting</td>
</tr>
<tr>
<td>Delta Kappa Gamma Sigma</td>
<td>Business</td>
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<tr>
<td>Epsilon</td>
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<td>Xi Epsilon</td>
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<tr>
<td>Phi Lambda Theta</td>
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<td>Education</td>
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<tr>
<td>Sigma Chi</td>
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<tr>
<td>Gamma Tau Chapter</td>
<td>Engineering</td>
</tr>
</tbody>
</table>

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) 343-2830, 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) 343-4690, 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 Business.
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, (213) 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 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, 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


Assistant Professors: Elizabeth R. Bryant, John Butler, John Funakura, Imelda R. O'Connor, Beatrice Taylor.

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 minoring 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):

Upper Division Required Courses (21 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)
ART 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 154 Survey and Studio: 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

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 6 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, 418, 433, 454L, 463, 468, 480, 494

**Fashion Design, Textiles, and Fiber Arts**

**Graphic Design and Advertising**
ART 308, 313, 323, 360, 408, 413, 418, 423, 448, 453, 454L, 463, 468, 480, 493, 494

**Illustration**
ART 368, 418, 433, 453, 454L, 463, 468, 488

**Interior and Architectural Design**
ART 322, 328, 343, 360, 403, 418, 428, 433, 443, 454L, 463, 468, 480

**Metals and Jewelry**
ART 327, 418, 427, 454L, 463, 468, 472

**Photography**
ART 377, 387, 392, 402, 454L, 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 480 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 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 Painting (4)
ART 484 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/SOC 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 Archaeology (4)
The Department of Art offers a credit certificate program in Interior Design. Course work includes theoretical, technical, and conceptual experiences leading to portfolio development and career placement. A total of 49 units is required for completion of the certificate program, as outlined below. Refer to the Undergraduate Study chapter of this catalog for general regulations governing all certificate programs.

Prerequisites (9-11 units):
- ART 103 or 153; 104 or 159; 203

Requirements for the Certificate (total 49 units)

Required courses (49 units):
- ART 303, 312, 313, 322, 323, 328, 333, 343, 428, 463
- FIN 205
- FSCS 460, 463, 467
- TECH 110

Optional electives
- ART 244, 424, 448, 453, 464, 479

The Credential Program

The Bachelor of Arts degree in Art with the credential option has been approved by the Commission on Teacher Credentialing for examination waiver for the Single Subject credential in Art. Interested students should consult advisers in the department and the School of Education.

Courses in Art (ART)

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<td>ART 101C</td>
<td>World Art III</td>
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</tr>
<tr>
<td>ART 102</td>
<td>Orientation to Ceramics</td>
<td>3</td>
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<tr>
<td>ART 103</td>
<td>Art Since 1845</td>
<td>4</td>
</tr>
<tr>
<td>ART 104</td>
<td>Art Since 1945</td>
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<td>ART 105</td>
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<td>ART 107</td>
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Minor in Art

A minor in Art is available for students majoring in other fields and requires 42-46 units in art courses.

Requirements for the Minor (42-46 units)

Lower Division Required Courses (12-16 units):
- ART 102 or 152: ART 103 or 153
- ART 104 or 159: ART 234 or 155

Electives (4 units):
- ART 101A or 101B or 101C (4)

Upper Division Required Courses (11 units):
- ART 103 (3)
- ART 415 (4)

Electives (15 units):
- Select art courses from two of the Art major options.

Certificate Program in Graphic Design

The Department of Art offers a credit certificate program in Graphic Design, intended to prepare individuals for careers in all phases of graphic, advertising, illustration, and related media industries. The program includes theory, technical methods, creative concepts, and portfolio development. A minimum of 37 units is required for completion of the certificate program, as outlined below. Refer to the Undergraduate Study chapter of this catalog for general regulations governing all certificate programs.

Prerequisites (15 units):
- ART 103, 155, 159, 426

Requirements for the Certificate (minimum 37 units)

Required courses (37 units):
- ART 203, 303, 308, 319, 313, 333, 380, 388, 406, 413, 463
- TECH 231

Optional electives:
- ART 244, 424, 448, 453, 464, 479
- TECH 438

Certificate Program in Interior Design

The Department of Art offers a credit certificate program in Interior Design, intended 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. A total of 49 units is required for completion of the certificate program, as outlined below. Refer to the Undergraduate Study chapter of this catalog for general regulations governing all certificate programs.

Prerequisites (9-11 units):
- ART 103 or 153; 104 or 159; 203

Requirements for the Certificate (total 49 units)

Required courses (49 units):
- ART 303, 312, 313, 322, 323, 328, 333, 343, 428, 463
- FIN 205
- FSCS 460, 463, 467
- TECH 110

Optional electives
- ART 244, 424, 448, 453, 464, 479

The Credential Program

The Bachelor of Arts degree in Art with the credential option has been approved by the Commission on Teacher Credentialing for examination waiver for the Single Subject credential in Art. Interested students should consult advisers in the department and the School of Education.
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.

154 Survey and Studio: Introduction to Ceramics (4)
Ceramic history, forms, functions, and symbolism integrated with personal exploration. Lecture 2 hours, activity 4 hours.

155 Survey and Studio: Painting (4)
Human development and the arts as experienced through painting, history, forms, functions, interpersonal relationships, and symbolism correlated with personal exploration. Lecture 2 hours, activity 4 hours.

156 Survey and Studio: Illustration (4)
Introduction to illustration as a creative and professional medium. Lecture 2 hours, activity 4 hours.

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, interpersonal relationships, and symbolism correlated with personal exploration. Lecture 2 hours, activity 4 hours.

160 Survey and Studio: Sculpture (4)
Experiential study of sculpture and human development, history, techniques, forms, and symbolism correlated with personal exploration. Lecture 2 hours, activity 4 hours.

161 Survey and Studio: Graphic Design (4)
Theoretical and historical background of graphic design. Development of basic graphic design skills. Lecture 2 hours, activity 4 hours.

162 Survey and Studio: Introduction to Architecture (4)
The role of architecture in human development, history, forms, functions, and symbolism correlated with personal exploration. Lecture 2 hours, activity 4 hours.

163 Survey and Studio: Introduction to Photography (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.

Upper Division Courses

1264 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.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Prerequisites</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>323</td>
<td>Perspective Drawing (3)</td>
<td>Laboratory course designed to develop skills in perspective drawing, including orthographic projection, isometric drawing, and rendering. Activity 6 hours.</td>
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</tr>
<tr>
<td>1327</td>
<td>Intermediate Enameling (3)</td>
<td>Prerequisite: ART 207. Intermediate exploration of techniques and processes with emphasis on design and craftsmanship.</td>
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</tr>
<tr>
<td>328</td>
<td>Interior Design (3)</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>332</td>
<td>Rendering: Graphics and Product (3)</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>333</td>
<td>Color (3)</td>
<td>Prerequisite: ART 203. Study and interaction of color; laboratory work in subtractive color and defined problems in theory of color design. Activity 6 hours.</td>
<td></td>
</tr>
<tr>
<td>1338</td>
<td>Textile Design (3)</td>
<td>Prerequisite: ART 203. Fundamental theories, concepts, and processes used for printed textile ornamentation. Activity 6 hours. May include field trips.</td>
<td></td>
</tr>
<tr>
<td>341</td>
<td>The American Landscape in Art (4)</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>343</td>
<td>Architectural Design (3)</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>350</td>
<td>Evolution and the Modern World (4)</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>351</td>
<td>Art Appreciation (4)</td>
<td>Development of an understanding of world art through the study of its structure, history, and significant works. Attendance at selected galleries required.</td>
<td></td>
</tr>
<tr>
<td>356</td>
<td>Written Expression in Visual Arts (4)</td>
<td>Prerequisite: ENGL 190. Study of and practice in forms of writing pertaining to art.</td>
<td></td>
</tr>
<tr>
<td>357</td>
<td>Creative Experiences for Well-Being (4)</td>
<td>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.</td>
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</tr>
<tr>
<td>364</td>
<td>Intermediate Drawing (3)</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>373</td>
<td>Creative Fashion Design (3)</td>
<td>Prerequisites: ART 203, 244. Basic studies in creative fashion design and body ornamentation formulated through the application of elements and principles of art.</td>
<td></td>
</tr>
<tr>
<td>374</td>
<td>Intermediate Painting (3)</td>
<td>Prerequisite: ART 234. Intensive study in style and subject matter in painting. May include field trips. Activity 6 hours.</td>
<td></td>
</tr>
<tr>
<td>377</td>
<td>Intermediate Photography (4)</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>378</td>
<td>Fashion Illustration (3)</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>380</td>
<td>Computer Graphics I (4)</td>
<td>Prerequisites: HS 150, one GE humanities (arts-C2) course. Exploration of creative experiences in the arts for promotion of well-being. Activity 6 hours. May include field trips.</td>
<td></td>
</tr>
<tr>
<td>381</td>
<td>Legacy of Ancient Literature and Art (4) (also listed as ENGL 381)</td>
<td>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.</td>
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</tr>
<tr>
<td>388</td>
<td>Illustration (3)</td>
<td>Prerequisite: ART 203. Problems in illustration emphasizing composition techniques using various media. May include field trips. Activity 6 hours.</td>
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</tr>
<tr>
<td>1392</td>
<td>Color Transparency Photography (4)</td>
<td>Prerequisite: ART 377. Introduction to color transparency films and printing materials; work with properties of color negative film and producing prints from color negative materials. Lecture 2 hours, activity 4 hours.</td>
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</tr>
<tr>
<td>1400</td>
<td>Development of Literacy in Visual Arts (4)</td>
<td>Investigation of perceptual, expressive, historical, and cultural components associated with visual-aesthetic phenomena. Lectures, studio experience, and visits to art exhibits.</td>
<td></td>
</tr>
<tr>
<td>401</td>
<td>Proseminar: Critical Theories in Visual Arts (3)</td>
<td>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.</td>
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</tr>
<tr>
<td>402</td>
<td>Advanced Color Photography (4)</td>
<td>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.</td>
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</tr>
<tr>
<td>403</td>
<td>Advanced Three-Dimensional Design (3)</td>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>
| 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.

1405 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 306. 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.

1409 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. May be repeated to maximum of 9 units.

1410 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.

1412 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.

1419 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.

1424 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.

1425 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.

1429 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-
urer, still life, and abstract painting. May be repeated to maximum of 9 units.

1435 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.

1436 Renaissance Art (4)
Art of Europe from 15th and 16th centuries.

1437 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.

1438 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.

1439 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.

1440 Basic Craft Materials and Processes (3)
Exploration of meanings and techniques associated with basic handicraft forms. Activity 6 hours.

1441 American Art (4)
History of painting, sculpture, architecture, and minor arts of America from colonial times to present.

1442 Artist as Therapist (4)
Prerequisite: ART 351; ANTH 250 (may be taken concurrently). Explores the uses of the arts of therapy. Activity 6 hours. May be repeated to maximum of 9 units.

1443 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.

1444 Art 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.

1445 Art of Latin America (4)
Art of Latin America from ancient civilizations to contemporary painting, crafts, and architecture.

1446 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.

1447 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.

1448 Exhibit Design (3)
Prerequisites: ART 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.

1449 Advanced Weaving (3)
Prerequisite: ART 103. 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.

1450 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.

1451 Mannerism: High Renaissance to Baroque (4)
Sixteenth century architecture, painting, sculpture, and minor arts from High Renaissance to Baroque.

1452 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.

1453 Art Therapy (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.

1454 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.

1455 Multicultural Approaches to Visual Arts (4)
Prerequisites: ART 210 or 213. 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.

1456 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.

1457 Portfolio Presentation (3)
Portfolio development techniques for art students including bookbinding 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.

1458 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.

1459 Theory and Practice of Art Therapy (4)
History, theoretical approaches to, and practical applications of, art therapy.

1460 Nineteenth Century Art (4)
Art of western Europe from David to end of nineteenth century.

1461 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, coiling, twining, bobbin lace, and macrame. Activity 6 hours.

1462 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.

1472 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.

1474 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.

1479 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.

1482 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.

1484 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.

1487 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, storyline, 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.

1494 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.

1497 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

Professors: W. Keith Henning, Howard Holladay, Michael P. Kaylor, Robert D. Kully, Bobby R. Patton.

Associate Professors: Beryl L. Bellman, Alan J. Bloom, Lesley DiMare (Chair), Dan Hackel, Judith Hammer, Suzanne E. Regan, Charles Simmons, Robert Vianello.

Assistant Professors: Laura Chey Acuna, Kevin Baaske, Ivan M. Cury, Evie-Kaulani Dauplaine, 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 301 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, 426, 430, 450, 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.
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 Interpreive 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)

- 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, 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.
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

- 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.

- 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 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)
Additional Electives (0-8 units):

SPCH 267 - Introduction to Oral Interpretation or
SPCH 278 - Problem Solving through Group Discussion (4)

Required Courses (12 units):

SPCH 367 - Oral Interpretation of Prose and Poetry (4)
SPCH 351 - Persuasive Communication (4)
SPCH 467 - Spoken Language and Literature (4)
SPCH 463 - Language and Communication Behavior (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 lower 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 (80 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.

397 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 production 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 (3)
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.

492 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.

492B Motion Picture Production (3)
Prerequisite: BCST 492A. Shooting and editing motion pictures; emphasis on 16mm short film, applicable to longer films. May be
499 Undergraduate Directed Study (2-4)
Prerequisites: 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.

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.

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 6 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 class 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 newspaper. Bases for objective and interpretive reporting. Examination of threats to a free flow of news.

451 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, newspaper use, mail services, and available syndicated materials.

471 Newspaper Advertising (4)
Prerequisite: JOUR 471. Techniques of selling advertising for 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.

490 Media Sales (4)
Prerequisite: JOUR 471. 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.

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.
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.

357 Oral Interpretation of Prose and Poetry (4)

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 8 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 communcative 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; signficance 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.

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.

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.
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. Claman, Philip Friedman, Rosemary Hake, Steven S. Jones, H. Landar, Barry Munitz, Elaine Osio, Thomas H. Peterson, Vilma L. Potter, Sidney Richman, Carl M. Sekin (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 Tauter.

### 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.

**Single Subject Teaching Option (80 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 (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):**
    - 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):**
    - 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, 426, 428, 431, 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 requirements 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 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

#### 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: Social 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, aesthetic, 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)
  Prerequisites: 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

094 Lower Division Courses

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.

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 inventing 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.

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.
380 Adjunct Writing (2 or 4)
Co-requisite: 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, or, 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)

405 Modern English Grammar (4)
Prerequisite: ENGL 401. Transformational generative analysis of contemporary morphology and syntax; its relationship to alternate grammars of English.
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, Jonson, 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)
Representative works by 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, 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


Associate Professors: Dominita Dumitrescu, Demetra Palamari, Francoise M. Pasques, Eri F. Yasuhara.

Assistant Professors: Felipe Diaz.

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 LA 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 200 lower division, FLCP 400 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):

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIN 200ABC</td>
<td>Intermediate Chinese (Mandarin)</td>
<td>4, 4, 4</td>
</tr>
</tbody>
</table>

Upper Division Required Courses (16 units):

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIN 300AB</td>
<td>Advanced Chinese I, II (Mandarin)</td>
<td>4, 4</td>
</tr>
<tr>
<td>CHIN 310</td>
<td>Chinese Civilization</td>
<td>4</td>
</tr>
<tr>
<td>CHIN 322</td>
<td>Newspaper Chinese</td>
<td>4</td>
</tr>
</tbody>
</table>

Elective (select 4 units from following):

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIN 408</td>
<td>Chinese Literature I</td>
<td>4</td>
</tr>
<tr>
<td>CHIN 410</td>
<td>Chinese Literature II</td>
<td>4</td>
</tr>
</tbody>
</table>

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 300X X 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 Contrasting 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.
Programs section.

**Bachelor of Arts Degree**

offer a major leading to a Bachelor of Arts degree in Russian or a minor to accompany a major in another field. The courses offered may be of value to students who wish to acquire a knowledge of the Russian language, culture, and literary forms.

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 Bachelor of Arts degree is described in the Graduate Programs section.

**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**

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 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 Bachelor of Arts degree is described in the Graduate Programs section.

**Requirements for the Major**

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**

  **Lower Division Required Courses** (8 or 16 units):
  - Select either:
    - SPAN 200ABC Intermediate Spanish (4, 4, 4) plus
    - SPAN 115 Conversation (4)
  - SPAN 205AB Intermediate Written Spanish (4)
  - **Electives (16-24 units)**:
    - Select at least four, including two 400-level courses, from following:
      - **Students who complete 205AB rather than 200ABC plus 115 are required to take 24 units of electives.

- **Option II: Single Subject Teaching Option**

  **Lower Division Required Courses** (8 or 16 units):
  - Select either:
    - SPAN 200ABC Intermediate Spanish (4, 4, 4) plus
    - SPAN 115 Conversation (4)
    - SPAN 205AB Intermediate Written Spanish (4, 4)
  - **Upper Division Required Courses** (46 units):
    - SPAN 300AB Composition and Grammar (4, 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)
    - **Electives (16-24 units)**:
      - Select at least four, including two 400-level courses, from following:

**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.
**Electives (12–20 units):**
Select one from following:
SPAN 310 or 315
Select additional courses from following:
**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.

**Requirements for the Minor**
Lower Division Required Courses (8 units):
SPAN 115 (4) plus 200ABC (4, 4, 4) or
SPAN 203AB (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 Courses**
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**
354LP 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 a 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 a 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 in sequence. 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.

406 Chinese Literature I (4)
Prerequisite: CHIN 300B. Chinese literature from the beginnings to the 13th century.
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.

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)
Prerequisite: 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.
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.

200ABC Intermediate Japanese (4, 4, 4)
Prerequisite: Must be taken in sequence. Students with JAPN 100B 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.

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)
Prerequisite: JAPN 200C. Study of major works of Japanese literature organized around different themes. Subject matter may change with each offering. No knowledge of Japanese is required. May be repeated for credit with content changes.

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 the language through hearing, speaking, reading, and writing German.

201 Spoken German (4)
Prerequisite: GERM 100A. 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 structure of the language through hearing, speaking, reading, and writing Italian.

Courses in Japanese (JAPN)

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)
Prerequisite: JAPN 200C. Study of major works of Japanese literature organized around different themes. Subject matter may change with each offering. No knowledge of Japanese is required. May be repeated for credit with content 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 the language through hearing and translating Latin classics.
Upper Division Courses

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.

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. Not accepted 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.
395N Spanish in Community Service (1-4)
Prerequisites: SPAN 300B, approval of departmental faculty advisor 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. 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 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 A. 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 454L: 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 454L.P 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 454L.P may be used with adviser approval.

Theme 1: The Ancient and Medieval Heritages
- ANTH 425
- ENGL 416, 424, 460, 480
- HIST 400A, 410-413, 419, 421, 422, 426
- MUS 370
- 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, 456, 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
- 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/PAS 422, 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
- POLS 402, 403, 420
- PHIL 430
- RELS 300
- SOC 442, 450
- 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, 400-462
Biol 101-103, 155, 156, 165, 168, 350N
BIOL/CHM/PHYS 358N
CHEM 101, 102, 103, 152, 158, 169, 160, 353, 380N
GEOG 160, 410, 415
PHYS 150, 155

Theme 2: The Universe and Its Mathematical Rules
ASTR 151, 152, 160
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
MATH 206, 207, 242
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
FSCH 409, 466, 467
GEOG 358
PHIL 415, 418, 460, 475
RECR 331
SOC 445
RELS 300, 350, 425, 430, 450, 461
SPCH 467
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 300, 243ABC, 243ABC 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 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
PHIL 313, 410, 412, 420, 440, 445, 459
POLC 411
PSY 308, 410AB, 412AB, 462
RELS 435
SOC 414, 425, 426, 441
SPCH 482

Theme 2: Current Domestic Problems
ANTH 406
CHS 410, 430
ENGL 308, 406
GEOG 446, 475-477
HIST 475, 476, 477, 480, 483, 488, 489
MGMT 308
PSY 422 or SOC 422
SOC 430, 447, 468, 460
SPCH 489

Theme 3: Current International Problems
ANTH 434, 439
ENGL 308, 406
GEOG 370, 441, 476, 477, 481
HIST 415, 429, 447, 453, 459, 463, 478, 490B, 492, 494C
MGMT 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 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 180 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 265 or PSY 160 or SOC 202
ECON 150
HIST 202A or 202B
MGMT 150
PSY 410 or SOC 302
Certain sections of LBS 454L,P may be used with adviser approval.

Major Requirements: (12 units):
ANTH 401 or BIOG 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 (6 units):
PHIL 160
ART 101A or 101B or 101C or MUS 150 or
REL 200 or foreign language

Major requirements (18 units):
ART 351 or MUS 351
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

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
WOMN 454, 499

FSCS 424
HS 455
POLS 442
RELS 435

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 men’s and women’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 catastlysm 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.
110 / LIBERAL STUDIES

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.
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


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 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, 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 bands 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)
  - 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** (15 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 410B, S, W Orchestral Instruments (3, 3, 3)
  - MUS 410B, S, W Orchestral Instruments (3, 3, 3)

  **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 (5)
  - 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)  

- **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)
MUS 117-217-317-417 Brass (1)
MUS 118-218-318-418 Percussion (1)

Select from following (12 units):
MUS 211BP,S,W Orchestral Instruments (3 each)
MUS 312BP,S,W Orchestral Instruments (3 each)

Up to 38 elective units are available to music majors. It is suggested that a substantial number of these be selected from appropriate courses, in consultation with an adviser.

• Performance or Composition (24 units)
  Designed to teach students the techniques of solo performance on their chosen instrument. A senior recital is required.

Required Courses (24 units):
Select from following ensembles (2 units):
MUS 320 Symphonic Band (2)
MUS 321 Symphony Orchestra (2)
MUS 326 Concert Choir (2)
MUS 327 Chorus (2)

Select from following applied music courses (5 units):
MUS 115-215-315-415 Strings (1)
MUS 116-216-316-416 Woodwinds (1)
MUS 117-217-317-417 Brass (1)
MUS 118-218-318-418 Percussion (1)
MUS 135-235-335-435 Piano (1)
MUS 146-246-346-446 Organ (1)
MUS 145-245-345-446 Keyboard (1)

Electives (11 units):
Select courses in theory, history, and applied music with adviser approval.

Additional Requirements for Single Subject Credential (11-12 units)
In addition to the Bachelor of Arts degree program, the following courses are required for the credential, are prerequisite to directed teaching in music, and may be taken either for elective credit for the degree outside the major or in postbaccalaureate standing. Refer to the undergraduate School of Education chapter of this catalog for regulations governing all teaching credential programs.

Required Courses (11-12 units):
MUS 344 Functional Piano for Teachers (2)
MUS 401 Music Literature for Children (3)
MUS 408 Analysis of Choral Literature and Performance (3) or
MUS 409 Analysis of Instrumental Literature and Performance (4)
EDSE 421U Methods of Teaching General Music (3)

Minor in Music
A minor in Music is available for students majoring in other fields. A minimum of 42 units is required, at least half must be upper division.

Requirements for the Minor (minimum 42 units)
Lower Division Required Courses (15 units):
MUS 243ABC*, 280ABC

* may be waived for keyboard minors

Upper Division Required Course (3 units):
MUS 380 Beginning Conducting (3)
Select 6 units from following:
MUS 320, 321, 326, 327
Select 8 units from following:
MUS 351, 370, 371, 372
Select 10 additional units from following, with adviser approval:

Applied Music
MUS 115-215-315-415 Strings (1)
MUS 116-216-316-416 Woodwinds (1)
MUS 117-217-317-417 Brass (1)
MUS 118-218-318-418 Percussion (1)
MUS 135-235-335-445 Piano (1)
MUS 146-246-346-446 Organ (1)

Certificate Program in Music Recording Arts
The Department of Music, in cooperation with the departments of Electrical and Computer Engineering and Technology, offers a credit certificate program in Music Recording Arts. The program, which is designed to match the specific qualifications of the job seeker to the needs of the industry, provides a balance between the artistic and technical emphases of recording arts.

Application for admission must be made to the Certificate Program Coordinator, Department of Music. Refer to the Undergraduate Study chapter of this catalog for general regulations governing all certificate programs.

Requirements for the Certificate (25-31 units)
Successful completion of a program of study consisting of 25-31 units, with a minimum C (2.0) grade point average, is required. Students may choose between two tracks, each comprised of subjects from several academic disciplines.

• Track I: Music, Pan-African Studies, Technology
Prerequisites (26 units):
MUS 260ABC, 269AB* TECH 120, 221
* repeat 269B for a total of 8 units

Required Courses (25 units):
MUS 351, 380, 452 PAS 424
TECH 321, 425, 490E, 499 (1 unit)

• Track II: Music, Pan-African Studies, Engineering, Technology
Prerequisites (24 units):
MUS 260ABC, 269AB* ENGR 204
* repeat 269B for a total of 8 units

Required Courses (31 units):
MUS 351, 380, 452 EE 244, 335, 336,
PAS 424 TECH 490E, 499 (1 unit)
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.

161S Strings, 162A Woodwinds, 163B Brass, 164 Percussion  
Corequisite: MUS 145 or consent of piano faculty by audition. 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.

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, 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, sight reading, 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.
### Upper Division Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisites</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>312</td>
<td>Orchestral Instruments (3)</td>
<td>3</td>
<td>MUS 260ABC</td>
<td>Development of performance proficiency 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.</td>
</tr>
<tr>
<td>312B</td>
<td>Brass</td>
<td>1 or 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>312P</td>
<td>Percussion</td>
<td>1 or 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>313</td>
<td>Instrumental Pedagogy (3)</td>
<td>3</td>
<td>MUS 312</td>
<td>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.</td>
</tr>
<tr>
<td>314</td>
<td>Instrumental Music Laboratory (1)</td>
<td>1</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>315</td>
<td>Strings (1 or 2)</td>
<td>3</td>
<td>MUS 215</td>
<td>Instrumentation of 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 8 units.</td>
</tr>
<tr>
<td>316</td>
<td>Woodwinds (1 or 2)</td>
<td>3</td>
<td>MUS 216</td>
<td>Instruction in technique, repertoire, literature, and pedagogy for students of woodwinds, brass, percussion, and strings. May be repeated to maximum of 12 units.</td>
</tr>
<tr>
<td>317</td>
<td>Brass (1 or 2)</td>
<td>3</td>
<td>MUS 217</td>
<td>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.</td>
</tr>
<tr>
<td>318</td>
<td>Percussion (1 or 2)</td>
<td>3</td>
<td>MUS 218</td>
<td>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.</td>
</tr>
<tr>
<td>320</td>
<td>Symphonic Band (2)</td>
<td>2</td>
<td></td>
<td>Instruction in technique, repertoire, literature, and pedagogy for students of symphonic band. Meets minimum of 4 hours weekly, 60 hours during quarter. May be repeated to maximum of 24 units.</td>
</tr>
<tr>
<td>321</td>
<td>Symphony Orchestra (2)</td>
<td>2</td>
<td></td>
<td>Instruction in technique, repertoire, literature, and pedagogy for students of symphonic orchestra. Meets minimum of 4 hours weekly, 60 hours during quarter. May be repeated to maximum of 24 units.</td>
</tr>
<tr>
<td>326</td>
<td>Concert Choir (2)</td>
<td>2</td>
<td></td>
<td>Preparation and performance of standard and contemporary literature of the symphonic band. Concerts given on and off campus. Meets minimum of 4 hours weekly, 60 hours during quarter. May be repeated to maximum of 24 units.</td>
</tr>
<tr>
<td>327</td>
<td>Chorus (2)</td>
<td>2</td>
<td></td>
<td>Preparation and performance of standard and contemporary 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.</td>
</tr>
<tr>
<td>328</td>
<td>Vocal Jazz Ensemble (1)</td>
<td>1</td>
<td></td>
<td>Faculty consent by audition. Preparation and public performance of standard and contemporary vocal jazz literature. May be repeated to maximum of 12 units.</td>
</tr>
<tr>
<td>330</td>
<td>Principles of Applied Vocal Development (3)</td>
<td>3</td>
<td>MUS 230 or one year of choral experience</td>
<td>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.</td>
</tr>
</tbody>
</table>
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.

334ABC 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 8 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 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.

405A 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
vocal ensembles, and analysis of performance problems. Lecture 2 hours, activity 2 hours.

409 Analysis of Instrumental Literature and Performance (4)
Prerequisites: MUS 344, 407. Leadership and technical aspects of style, procedure, and selection of music literature suitable for various types of instrumental ensembles. Lecture 3 hours, activity 2 hours.

410 Orchestral Instruments (3)
Prerequisite: MUS 315 or jury examination. Instruction in techniques, repertoire, literature, and pedagogy for students of violin, viola, cello, bass, 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.

411 Performance Pedagogy (2)
Prerequisite: 300-level applied music course. Solo repertoire for brass, winds, percussion, strings, keyboard, or voice; emphasis on analysis, interpretation, and performance of representative literature. May be repeated to maximum of 6 units. Lecture 1 hour, activity 2 hours.

412 Woodwinds (1 or 2)
Prerequisite: MUS 316 or jury examination. Instruction in techniques, repertoire, literature, and pedagogy for students of flute, oboe, clarinet, bassoon; and flute trios. May be repeated to maximum of 12 units.

413 Brass (1 or 2)
Prerequisite: MUS 317 or jury examination. Instruction in techniques, 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.

414 Percussion (1 or 2)
Prerequisite: MUS 318 or jury examination. Instruction in techniques, 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.

415 Strings (1 or 2)
Prerequisite: MUS 315 or jury examination. Instruction in techniques, 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.

416 Woodwinds (1 or 2)
Prerequisite: MUS 316 or jury examination. Instruction in techniques, repertoire, literature, and pedagogy for students of flute, oboe, clarinet, bassoon, 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.

417 Brass (1 or 2)
Prerequisite: MUS 317 or jury examination. Instruction in techniques, 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.

418 Percussion (1 or 2)
Prerequisite: MUS 318 or jury examination. Instruction in techniques, 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.

419 String Ensemble (1)
Prerequisite: Instructor consent. Rehearsal and performance of standard ensemble literature, including quartets, quintets, sextets, and larger works. Meets minimum of 3 hours weekly. May be repeated to maximum of 12 units.
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 developmental 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.

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. (Also listed as ART 455) Lecture 2 hours, activity 2 hours. (Also listed as ART 456) 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.

454LP 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 260C. 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 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 360C. 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


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 458 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)

A. 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)

B. 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)
SPOH 454 Selected Studies in Speech Communication (1-4) (when classical)
TA 460 Studies in Selected Dramatists (1-4) (when classical)

C. 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)
Lower Division Courses

300 Origins of Classical Thought

Shaping Greek and Roman civilization.

301 History of Ancient Philosophy (4)

An examination of major philosophical views concerning reality, knowledge and belief, and human nature. CAN PHIL 2

Area IV: Philosophy

PHIL 310 History of Ancient Philosophy (4)

PHIL 321 History of Modern Philosophy (4)

PHIL 350 Ancient Thought and its Modern Legacy (4)

Prerequisite: PHIL 250. Analysis of major philosophical views concerning human values, our capacity to know them, and their relation to reality.

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.

153 Philosophical Ideas: Human Values (4)

An examination of major philosophical views concerning human values, our capacity to know them, and their relation to reality.

154 Philosophical Ideas: Human Values (4)

An examination of major philosophical views concerning human values, our capacity to know them, and their relation to reality.

155 Philosophical Ideas: Human Values (4)

An examination of major philosophical views concerning human values, our capacity to know them, and their relation to reality.

156 Philosophical Ideas: Human Values (4)

An examination of major philosophical views concerning human values, our capacity to know them, and their relation to reality.

157 Philosophical Ideas: Human Values (4)

An examination of major philosophical views concerning human values, our capacity to know them, and their relation to reality.

158 Philosophical Ideas: Human Values (4)

An examination of major philosophical views concerning human values, our capacity to know them, and their relation to reality.

159 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.

236 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 9

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, 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 Orchesis, 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

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: Jose Cruz Gonzalez, Grace Shizuko Hernandez, 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):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA 131</td>
<td>Stagecraft I (3)</td>
</tr>
<tr>
<td>TA 132</td>
<td>Stagecraft II (3)</td>
</tr>
<tr>
<td>TA 133</td>
<td>Stagecraft III (3)</td>
</tr>
<tr>
<td>TA 141</td>
<td>Acting Fundamentals: Games and Exercises (3)</td>
</tr>
<tr>
<td>TA 142</td>
<td>Acting Fundamentals: Character Study (3)</td>
</tr>
<tr>
<td>TA 143</td>
<td>Acting Fundamentals: Scene Study (3)</td>
</tr>
<tr>
<td>TA 149</td>
<td>Diction and Dialects for Performer (4)</td>
</tr>
<tr>
<td>TA 152</td>
<td>Analysis of Drama (4)</td>
</tr>
</tbody>
</table>

Upper Division Required Courses (25 units):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA 311</td>
<td>Development of World Theatre I (4)</td>
</tr>
<tr>
<td>TA 312</td>
<td>Development of World Theatre II (4)</td>
</tr>
<tr>
<td>TA 313</td>
<td>Development of American Theatre (4)</td>
</tr>
<tr>
<td>TA 322</td>
<td>Theatrical Makeup (3)</td>
</tr>
<tr>
<td>TA 390</td>
<td>Theatre Research and Writing (4)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA 439</td>
<td>Theatre Management (3)</td>
</tr>
<tr>
<td>TA 445</td>
<td>Principles of Directing I (3)</td>
</tr>
</tbody>
</table>

Options

Select one of the following options, with adviser approval.

• Acting-Directing Option (27 units)

Required Courses (16 units):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA 341</td>
<td>Advanced Acting: Improvisation (3)</td>
</tr>
<tr>
<td>TA 342</td>
<td>Advanced Acting: Characterization (3)</td>
</tr>
<tr>
<td>TA 343</td>
<td>Advanced Acting: Playing a Role (3)</td>
</tr>
<tr>
<td>TA 348</td>
<td>Movement for the Actor (2)</td>
</tr>
<tr>
<td>TA 349</td>
<td>Voice for the Stage (2)</td>
</tr>
<tr>
<td>TA 446</td>
<td>Principles of Directing II (3)</td>
</tr>
</tbody>
</table>

Electives (11 units):
Select two from following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA 301</td>
<td>306, 460–476, 485</td>
</tr>
</tbody>
</table>

Select one from following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA 426, 431, 434</td>
<td></td>
</tr>
</tbody>
</table>

• Technical Theatre Option (26–27 units)

Required Courses (9 units):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA 426</td>
<td>Introduction to Stage Costuming (3)</td>
</tr>
<tr>
<td>TA 431</td>
<td>Introduction to Stage Scenery (3)</td>
</tr>
<tr>
<td>TA 434</td>
<td>Introduction to Stage Lighting (3)</td>
</tr>
</tbody>
</table>

Electives (17–18 units):
Select two from following (8 units):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA 301, 306, 460–463, 471, 472, 485</td>
<td></td>
</tr>
</tbody>
</table>

Select three from following (9–10 units):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA 422, 427, 432, 435, 454L,P</td>
<td></td>
</tr>
</tbody>
</table>

• Theatre History and Literature Option (30–31 units)

Required Courses (20 units):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA 460</td>
<td>Studies in Selected Dramatists (4)</td>
</tr>
<tr>
<td>TA 461</td>
<td>Nature of Dramatic Comedy (4)</td>
</tr>
<tr>
<td>TA 462</td>
<td>Nature of Dramatic Tragedy (4)</td>
</tr>
<tr>
<td>TA 463</td>
<td>Shakespeare as Living Theatre (4)</td>
</tr>
<tr>
<td>TA 471</td>
<td>Theatre of the Avant-Garde (4)</td>
</tr>
</tbody>
</table>

Electives (10–11 units):
Select one from following (3–4 units):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
</table>

Select one from following (3 units):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA 426, 431, 434</td>
<td></td>
</tr>
</tbody>
</table>

Select one from following (4 units):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 417, 424, 427, 428</td>
<td></td>
</tr>
</tbody>
</table>

• 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 15th Century (3)
DANC 477 Dance History: 20th Century (3)
DANC 480 Orchesis-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

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, 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 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>160</td>
<td>Beginning Tap Dance (2)</td>
<td>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.</td>
</tr>
<tr>
<td>180</td>
<td>Dance Laboratory (1)</td>
<td>Creative and physical activities designed to augment advanced level technique classes. May be repeated to maximum of 6 units.</td>
</tr>
<tr>
<td>200</td>
<td>Intermediate Ballet (2)</td>
<td>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.</td>
</tr>
<tr>
<td>220</td>
<td>Intermediate Jazz Dance (2)</td>
<td>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.</td>
</tr>
<tr>
<td>240</td>
<td>Intermediate Modern Dance (2)</td>
<td>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.</td>
</tr>
<tr>
<td>254L,P</td>
<td>Special Topics in Dance (1–3)</td>
<td>Current topics of special interest in dance, as announced in Schedule of Classes. May be repeated as subject matter changes.</td>
</tr>
<tr>
<td>300</td>
<td>Advanced Ballet (2)</td>
<td>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.</td>
</tr>
<tr>
<td>320</td>
<td>Advanced Jazz Dance (2)</td>
<td>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.</td>
</tr>
<tr>
<td>340</td>
<td>Advanced Modern Dance (2)</td>
<td>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.</td>
</tr>
<tr>
<td>357</td>
<td>Creative Experiences for Well-Being (4)</td>
<td>(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.</td>
</tr>
<tr>
<td>372</td>
<td>Dance Composition (2)</td>
<td>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.</td>
</tr>
<tr>
<td>400</td>
<td>Development of Dance Arts Literacy (4)</td>
<td>Perceptual, expressive, historical, and cultural components associated with dance-aesthetic phenomena; lectures, movement experiences, visits to dance events. Lecture 2 hours, activity four hours.</td>
</tr>
<tr>
<td>435ABC</td>
<td>Dance Movement for Human Awareness (4)</td>
<td>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, emotional, and physical functions. Lecture 3 hours, activity 2 hours.</td>
</tr>
<tr>
<td>454L.P</td>
<td>Special Topics in Dance (1–3)</td>
<td>Current topics of special interest in dance, as announced in Schedule of Classes. May be repeated as subject matter changes.</td>
</tr>
<tr>
<td>470</td>
<td>Theory and Analysis of Dance (3)</td>
<td>Prerequisite: Advanced level in dance technique. Introduction to analysis, and advanced performance of dance; structural elements, rhythm, creativity, and selection of accompaniment. Lecture 2 hours, demonstration laboratory 2 hours each.</td>
</tr>
<tr>
<td>471</td>
<td>Rhythmic Form and Analysis for Dance (3)</td>
<td>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.</td>
</tr>
<tr>
<td>472</td>
<td>Choreography (3)</td>
<td>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.</td>
</tr>
<tr>
<td>474</td>
<td>Dance Philosophy (3)</td>
<td>Prerequisites: DANC 473; PHIL 151 or 152; PHIL 475 recommended. Philosophical bases, heritage, purposes, values, and basic beliefs in various forms of dance.</td>
</tr>
<tr>
<td>475</td>
<td>Choreographic Accompaniment (3)</td>
<td>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.</td>
</tr>
<tr>
<td>476</td>
<td>Dance History Primitive to 19th Century (3)</td>
<td>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.</td>
</tr>
<tr>
<td>477</td>
<td>Dance History of the 20th Century (3)</td>
<td>New directions of the modern age and current trends in dance as they relate to world culture of the 20th century.</td>
</tr>
<tr>
<td>478</td>
<td>Choreography for Camera (3)</td>
<td>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.</td>
</tr>
<tr>
<td>480</td>
<td>Orchesis-Dance Performing Ensemble (2)</td>
<td>Prerequisite: Instructor consent. Preparation of lecture-demonstrations and dance performances. May be repeated to maximum of 12 units.</td>
</tr>
<tr>
<td>483</td>
<td>Dance Performance Workshop (2)</td>
<td>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.</td>
</tr>
<tr>
<td>485</td>
<td>Dance Production (3)</td>
<td>Prerequisite: DANC 472. Preparation of dance materials for performance; directing, lighting, costuming, and makeup for dance. Lecture 2 hours, demonstration-laboratory 2 hours.</td>
</tr>
</tbody>
</table>
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.

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.

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. Additional hours required.

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  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)

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; solving and textual problem; 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)
Prerequisites: 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 writing 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.

403 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 441–443. 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 nonrealistic 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.

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 develop­
ment 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 repres­
sentative 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 306, 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 306, 412AB, 418AB. Theories, techniques, and practice
doing 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
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 cornerstone 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

DEPARTMENT OFFICE
Simpson Tower F517
Phone: (213) 343-2830


Associate Professors: Stephen J. Baumgartner, Laurence E. Donohoo, Chor Tin Lau, John Y. Lee (Chair), Nikolai Pulchritudoff, Dang T. Tran.


Department of Finance and Law

DEPARTMENT OFFICE
Simpson Tower F717
Phone: (213) 343-2870


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
Phone: (213) 343-2983

Emeriti: Robert C. Verkler.

Professors: Mohammad B. Ayati, Nandakumar Ganesan (Chair), Durward P. Jackson, Parviz Partow-Navid, Paul Rosenthal, Harold Sackman, Ludwig Slusky.

Associate Professors: George H. Jacobson, Knox B. Wasley.

Assistant Professor: Stephen J. Baumgartner.

Department of Management

DEPARTMENT OFFICE
Simpson Tower F717
Phone: (213) 343-2890

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 Khan, Kwok Keung (Kern) Kwong, Mary Pat McNerney, James M. Rossier, 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
Phone: (213) 343-2960


Department of Office Systems and Business Education

DEPARTMENT OFFICE
Simpson Tower F517
Phone: (213) 343-2860


Professors: Darrell R. Clemmensen, David P. Dauwalder, Charles J. Inacker, Mary Lynne Knutson (Chair), Ralph S. Spanwick.

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 courses must complete one of the following options:

1. Accounting
2. Administrative Management
3. Business Arts-Prelegal
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)
- CIS 294 Business Computer Systems (4)
- ECON 201 Business Computer Systems (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)

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 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

• 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
Electives (8 units):
Select two adviser-approved courses from 400-level MGMT courses and FIN 434.

- **Option 3: Business Arts—Prelegal (24 units)**
  ADVISEMENT: Department of Finance and Law.
  This option enables students to meet the needs of firms desiring business graduates with less specialization and may be used by prelaw students or those who wish a broader preparation at the undergraduate level. It combines the basic business sequence with liberal arts.

Required Courses (8 units):
ECON 471
HIST 479

Electives (select 16 units with adviser approval):

- **Option 4: Business Economics and Statistics (24 units)**
  ADVISEMENT: Department of Economics and Statistics.
  This option teaches students the major quantitative analysis skills needed by business statisticians in rapidly expanding research departments of business firms and governmental agencies and by executive assistants in moderate-sized and large firms.

Required Courses (12 units):
ECON 403, 409, 410
Electives (select 12 units from following):
ACCT 322
CIS 482, 486
ECON 413, 414, 491
MGMT 467
MKT 446

- **Option 5: Entrepreneurship (24 units)**
  ADVISEMENT: Department of Marketing.
  This option prepares students to work for a small business, start their own business, purchase existing companies, or manage ongoing small-to-medium enterprises.

Required Courses (16 units):
ACCT 426
FIN 494
MGMT 468
MKT 443

Electives (8 units):
With adviser approval, select two upper division electives in business and economics.

- **Option 6: Finance (24 units)**
  ADVISEMENT: Department of Finance and Law.
  This option prepares students for positions in corporate financial management or investments, banks, and other financial institutions.

Required Courses (20 units):
FIN 305,* 331, 332, 431, 434

*FIN 480 required instead of 305 for students with credit for 8 or more quarter units of lower division business law.

Electives (select one 4-unit course with adviser approval):

- **Option 7: Human Resources Management (24 units)**
  ADVISEMENT: Department of Management.
  The option prepares students for careers in personnel management—industrial relations, in both the public and private sectors. Career paths include generalist, as well as specialist, positions in recruitment and selection, compensation and benefits, training and development, and labor relations and collective bargaining.

Required Courses (20 units):
MGMT 473, 474, 477
ECON 472 or PSY 448

Electives (select 8 units from following):
MGMT 469, 470, 471, 475, 476
POLS 463, 464
PSY 442

- **Option 8: International Business (24 units)**
  ADVISEMENT: Department of Marketing.
  This option prepares students for careers in firms operating on a multinational basis; in import-export, international finance and banking, or international agencies; and the Commerce Option of the federal government Foreign Service Officer Examination.

Required Courses (16 units):
FIN 431
MGMT 462
MKT 358, 456
Electives (select 8 units from following):
MKT 455, 457, 458
ECON 460 or 461 or 480
- **Option 9: Labor Relations (24 units)**
  ADVISEMENT: Department of Economics and Statistics.
  This option develops competence in labor relations required of managers, supervisors, conciliators, and similar officials in industry, finance, education, government, or labor unions.

Required Courses (16 units):
ECON 402, 420, 472
MGMT 473
Electives (select 8 units with adviser approval):

- **Option 10: Marketing (24 units)**
  ADVISEMENT: Department of Marketing.
  This option offers a choice between two fields of concentration: Marketing Management and Promotion.

  **Marketing Management:** Develops an understanding of marketing techniques and strategies used to formulate plans and policies to deal with marketing environmental problems and to integrate marketing with other functional areas of business.

Required Courses (16 units):
MKT 342, 442, 446
Electives (select 12 MKT units with adviser approval)

- **Option 11: Office Systems (23 units)**
  ADVISEMENT: Department of Office Systems and Business Education.
  This option prepares students for careers in an automated office systems environment, developing their competence in office management and supervision, advanced office systems design...
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 careers 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):
OSBE 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 283 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, 466 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 at least 12 units from following):
CIS 227, 228, 316, 317, 450, 451, 452, 454, 486
CS 284

Minor in Basic Business
ADVICEENT: 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 at least 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, 596
CS 412, 486, 488

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 284  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 approve 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 for careers in firms operating internationally or to enhance their advancement potential in the field of international business. 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):
MKT 304; 341; 342
Electives (8 units): Select two upper division School of Business and Economics 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

The Business Education program is designed for students who wish 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 Department.

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 (16 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

**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.

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

**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 (26 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—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 analysis of topics significant to contemporary business world; lectures, discussions, speakers, and research projects.

Courses in Computer Information Systems (CIS)

Lower Division Courses

227 PL/I 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

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)
Prerequisite: 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/VSE 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.

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.

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 Economic 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 freeenterprise 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 systems; 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 202. Nature and flow of money and credit; survey of intellectual origins and evolution of modern economic thought.

406 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)

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 corequisite: 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, 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.

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 multinationa l 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 of 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, fraction 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 small business, labor relations, organization control, finances, taxation, and others of interest to small business entrepreneurs.

469 Managing Human Resource Development (4)
Prerequisites: MGMT 307 or NURS 468. 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.

470 Managerial Leadership and Motivation (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).

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-

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 topics 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; 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. Indepth 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)

414 Records Systems Administration (4)

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 non-integrated/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.
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
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


Associate Professors: Kathleen Cohn, George K. Hong, Ruth S. Johnson, Sharon Kay Johnson, Edward Negrete, 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)
- 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


Associate Professors: Herminia Cadenas, Michael E. James, Chogoffah 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 (ECDI)
- 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 admission 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:

- 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-
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 60 quarter units attempted for your bachelor's degree or in 14 quarter units taken after completion of your bachelor's degree).
- See an advisor 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 with authorization in multiple subject instruction. The Master of Arts degree is described in the Graduate Programs section.
- 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 II: Multiple Subject (12)
EDEL 404 Directed Teaching III: 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)
**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 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.
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 Schools (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 Credential

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.

• 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 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.
• 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


Associate Professors: Judith L. Cope, Kathleen M. Costantini, Dawn M. Petterson, Penelope Semrau.

Assistant Professors: Bernardo Gallegos, Jose L. Galvan, 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 Experience in Adult and Occupational Education (2)
EDAC 476 Curriculum Development in Adult and Occupational Education (4)
EDAC 477 Counseling in Adult and Occupational Education (4)
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 Tessier, Harry V. Wall.
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.

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**Graduate level courses only**

Courses in Adult and Continuing Education (EDAC)

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)

Upper Division Courses

471 Methods and Materials of Adult Education (4)
Prerequisite: 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 426, 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.

475A-B Counseling in the Workplace (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, 414, 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, 449, 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)

Sub collegiate 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.

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 EDEL 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
453S Spanish
453K Korean
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.
COURSES IN EDUCATION: 455C Chinese 455S Spanish

Courses in Educational Administration (EDAD)

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)

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)

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.

COURSES IN EDUCATION: 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 milieux. 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 milieux. 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 curriculum 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 milieux.

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)

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 EDSE 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 teaching, learning, 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.

461 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.

462 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)

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.
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.

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.

Field Work in School Library Media Programs (6)
Prerequisite or corequisite: OSBE 410B. Methods and materials of teaching keyboard/word processing and office systems.

Foreign Languages
Prerequisite: Six upper division units in the language.

Mathematics

English and Language Arts
Prerequisites: ENGL 401; 406 or 410; completion of all but two courses in English program for Single Subject credential.

Physical Education

Art

General Music

Courses in Secondary Education (EDSE)

Upper Division Courses

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.

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.

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.

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.

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.

Accounting and Microcomputer Applications
Prerequisite or corequisite: DSBE 410B. Methods and materials for teaching accounting and microcomputer applications at the secondary level.

Science

Economics and General Business
Prerequisite or corequisite: DSBE 410B. Methods and materials for teaching such high school subjects as economics, consumer economics, general business, and business law.

Industrial Education
Prerequisite: TECH 300AB.

Keyboard/Word Processing and Office Systems
Prerequisites: OSBE 410B, demonstrated proficiency in keyboarding. Methods and materials of teaching keyboard/word processing and office systems.

Foreign Languages
Prerequisite: Six upper division units in the language.

Mathematics

English and Language Arts
Prerequisites: ENGL 401; 406 or 410; completion of all but two courses in English program for Single Subject credential.

Physical Education

Art

General Music

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.

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.

Directed Teaching in Secondary Schools (11, 11)
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.

Directed Teaching in Secondary Schools (11, 11)
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.

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 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.

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)

**Upper Division Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite/Co-requisite</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>400</td>
<td>Education and Psychology of Exceptional Individuals (4)</td>
<td>EDSP 400. Principles, procedures, and use of educational assessment and evaluation techniques for special needs students in educational settings.</td>
<td></td>
</tr>
<tr>
<td>401</td>
<td>Assessment of Exceptional Individuals in Educational Settings (4)</td>
<td>EDSP 400, corequisite. Mastery of assessment practices for planning and evaluating the Individualized Educational Program (IEP).</td>
<td></td>
</tr>
<tr>
<td>402</td>
<td>Curriculum Modification and Instructional Strategies for Exceptional Individuals (4)</td>
<td>EDSP 400. Development of instructional strategies appropriate for exceptional individuals; current methodology and techniques of curriculum modification necessary to individualize instruction for handicapped.</td>
<td></td>
</tr>
<tr>
<td>403</td>
<td>Special Education Laboratory (1-5)</td>
<td>EDSP 400, corequisite for pre-service Special Education majors.</td>
<td>Practicum field experience with exceptional individuals in designated areas of special education.</td>
</tr>
<tr>
<td>404</td>
<td>Teacher Guidance for Exceptional Individuals (2)</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>405</td>
<td>Career Preparation for the Handicapped (2)</td>
<td>EDSP 404. Implications of handicapped conditions for career selection and preparation. Programs in schools and other agencies to develop career awareness, information, and skills.</td>
<td></td>
</tr>
<tr>
<td>406</td>
<td>Observation in Special Education (1-2)</td>
<td>EDSP 404. Opportunities for firsthand experience with educational programs in special education. May be repeated to a maximum of 4 units.</td>
<td></td>
</tr>
<tr>
<td>407</td>
<td>Directed Teaching in Special Education (3-12)</td>
<td>EDSP 444. Strategies for education of gifted individuals; prekindergarten through grade 12. Methods of assessment; program planning to meet individual needs; evaluation of development.</td>
<td></td>
</tr>
<tr>
<td>408</td>
<td>Cognitive and Linguistic Processes in Exceptional Individuals (4)</td>
<td>COMD 456. Theories and sequences of cognitive and linguistic development; impact of sensory, motor, emotional, and mental factors on these processes.</td>
<td></td>
</tr>
</tbody>
</table>

**409 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.

<table>
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<tr>
<th>Course Code</th>
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<th>Prerequisite</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>410</td>
<td>Education of Exceptional Individuals in Mainstream Settings (3)</td>
<td>EDSP 400, course work in child development.</td>
<td>Techniques for teachers and other professionals working with families of young handicapped children in infant and preschool programs.</td>
</tr>
<tr>
<td>412</td>
<td>Issues in Child Abuse, Neglect, and Family Violence (4)</td>
<td>EDSP 400, course work in child development.</td>
<td>Techniques for teachers and other professionals working with families of young handicapped children in infant and preschool programs.</td>
</tr>
<tr>
<td>415</td>
<td>Educational Assessment Techniques for Young Handicapped Children (4)</td>
<td>EDSP 400. Survey of educational, psychological, and vocational implications of communication handicaps; emphasis on impact of auditory impairment.</td>
<td>Methods of manual communication and relationships to other forms of communication; use of non-oral communication in therapeutic and educational settings.</td>
</tr>
<tr>
<td>420</td>
<td>Implications of Communication Handicaps (4)</td>
<td>EDSP 400, course work in child development.</td>
<td>Techniques for teachers and other professionals working with families of young handicapped children in infant and preschool programs.</td>
</tr>
<tr>
<td>430</td>
<td>Sign Language (3)</td>
<td>EDSP 400, course work in child development.</td>
<td>Techniques for teachers and other professionals working with families of young handicapped children in infant and preschool programs.</td>
</tr>
<tr>
<td>431A</td>
<td>Laboratory: Sign Language, Beginning (1)</td>
<td>EDSP 400, course work in child development.</td>
<td>Techniques for teachers and other professionals working with families of young handicapped children in infant and preschool programs.</td>
</tr>
<tr>
<td>431B</td>
<td>Laboratory: Sign Language, Advanced (1)</td>
<td>EDSP 400, course work in child development.</td>
<td>Techniques for teachers and other professionals working with families of young handicapped children in infant and preschool programs.</td>
</tr>
<tr>
<td>440</td>
<td>The Gifted Individual I (4)</td>
<td>EDSP 400, course work in child development.</td>
<td>Techniques for teachers and other professionals working with families of young handicapped children in infant and preschool programs.</td>
</tr>
</tbody>
</table>

**441 The Gifted Individual II (4)**

Characteristics, needs, and identification of gifted individuals, with emphasis on current and innovative programs.
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 environments.

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
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 technical 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, 56 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.