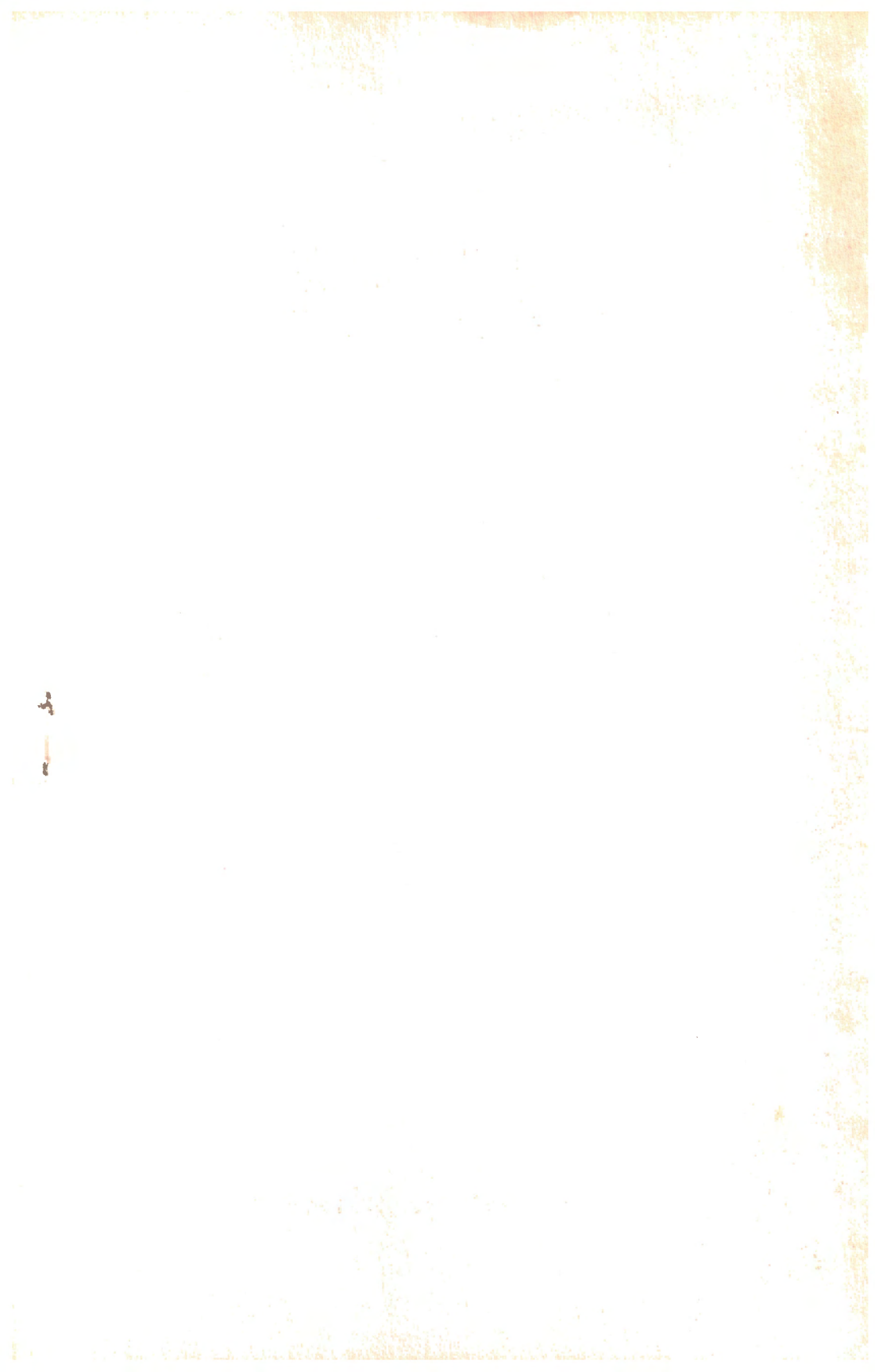


**1963-64**

**CATALOG**

**STANISLAUS  
STATE  
COLLEGE**

**TURLOCK, CALIFORNIA**



# STANISLAUS STATE COLLEGE

Turlock, California

June 10, 1963

## ERRATA FOR 1963-64 CATALOG

### PAGE

### ACCREDITATION

18 Stanislaus State College is accredited by the Western Association of Schools and Colleges. All courses and degrees are recognized and accepted by the United States Veterans Administration, the California State

Department of Veterans Affairs and the Credentials Office of the California State Department of Education.

### 27 Grading System

A—Excellent.....4 grade points per unit  
B—Very Good.....3 grade points per unit  
C—Satisfactory.....2 grade points per unit  
D—Unsatisfactory.....1 grade point per unit  
F—Failing.....0 grade points per unit  
P—Passing.....No effect on grade point average  
IS—Incomplete, Satisfactory.....No effect on grade point average;  
reverts to F if not removed by the last day of the second follow-  
ing regular semester, except when an extension of time has been  
granted.

IU—Incomplete, Unsatisfactory.....0 grade points; reverts to F if not  
removed by the last day of the second following regular semester,  
except when an extension of time has been granted.  
H—Audit.....No effect on units earned or grade  
point average  
NR—No Report.....No grade reported by instructor  
W—Withdrawal, Ungraded.....No effect on units earned or grade  
point average  
WS—Withdrew, Satisfactory.....No effect on units earned or grade  
point average  
WU—Withdrew, Unsatisfactory.....0 grade points

### 29 Incomplete Work

Incomplete grades of IS and IU are given for illness or other reasons beyond the control of the student. An IS is awarded if the student is doing C work or better at the time the Incomplete grade is awarded as judged by the instructor; a student doing D or F work at the time the Incomplete grade is awarded shall receive the grade of IU. Incomplete grades revert to F if not removed by the last day of the second following semester, except when an extension of time is granted. If missing the final examination is the cause of the incomplete grade it

should be made up during the next regular semester on a date determined by the instructor concerned. An IS grade shall have no effect on a student's grade point average. An IU grade is equivalent to an F. Responsibility for removing an Incomplete grade rests with the student. In cases of prolonged illness or any emergency which necessitates an extension of time to remove the grade, the student may petition the Academic Standards Committee through his instructor. Students will not be permitted to graduate until all incomplete grades are removed.

### 37 5. Liberal Arts (first sentence)

In addition to the 4½ unit General Education requirement the candidate for the B.A. degree must complete a total of 24 units in Liberal Arts

outside *his major field*, of which at least 12 shall be units carrying upper division credit.



TO: Admissions and Records Office  
Stanislaus State College

Date:.....

Please send me an Application for Admission form and Admission Instructions.  
I plan to seek admission for the Fall/Spring (circle one) semester 196.....

I have/have not (circle one) previously attended Stanislaus State College.

Full Name:	Miss			
	Mrs.	_____		
	Mr.	Last	First	Middle

Address:\_\_\_\_\_

\_\_\_\_\_

FIRST CLASS  
PERMIT NO 133  
TURLOCK, CALIF

**BUSINESS REPLY CARD**

No Postage Necessary if Mailed in the U.S.

**POSTAGE WILL BE PAID BY—**

Admissions and Records Office  
Stanislaus State College  
Turlock, California

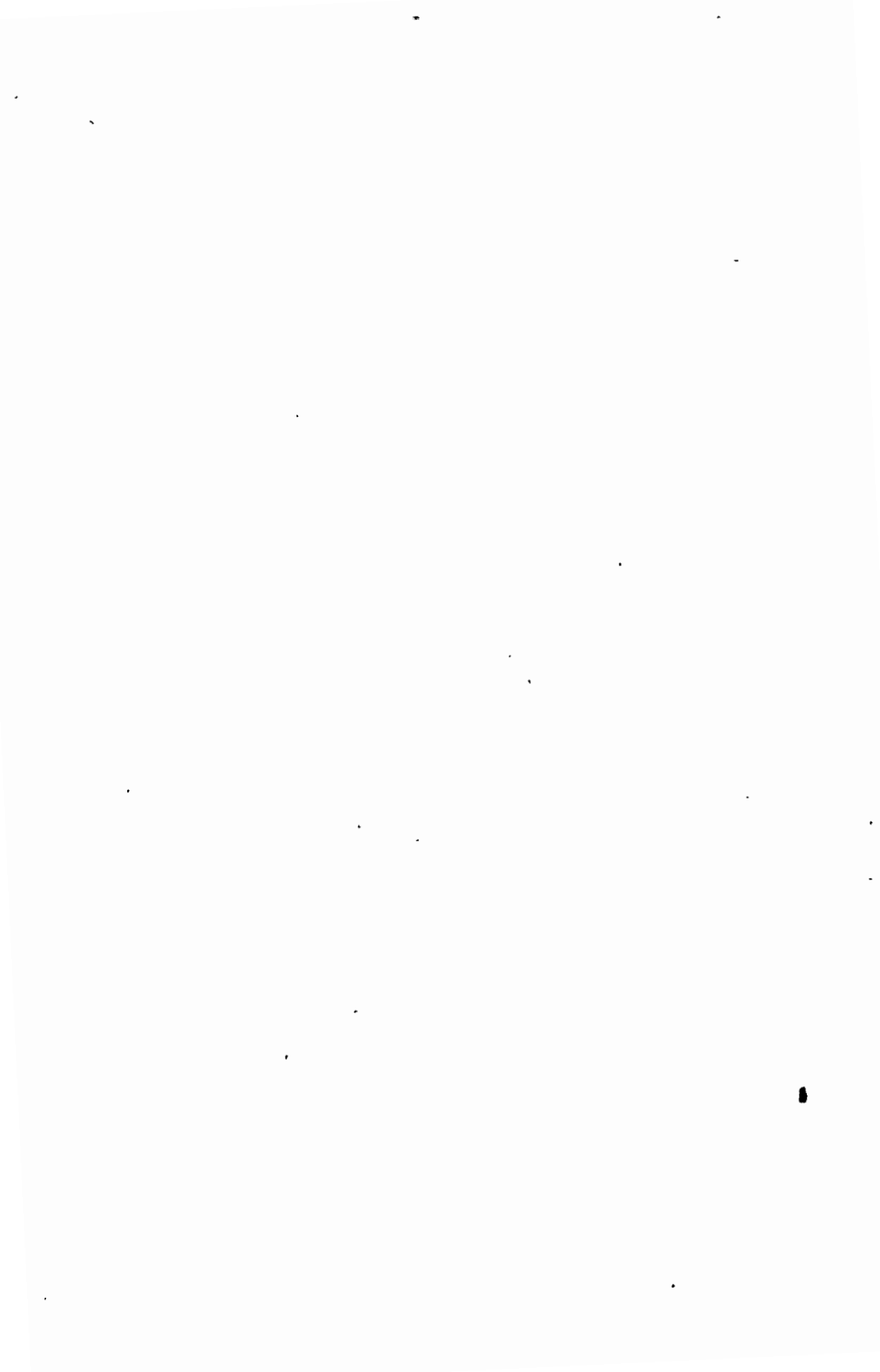


STANISLAUS STATE COLLEGE

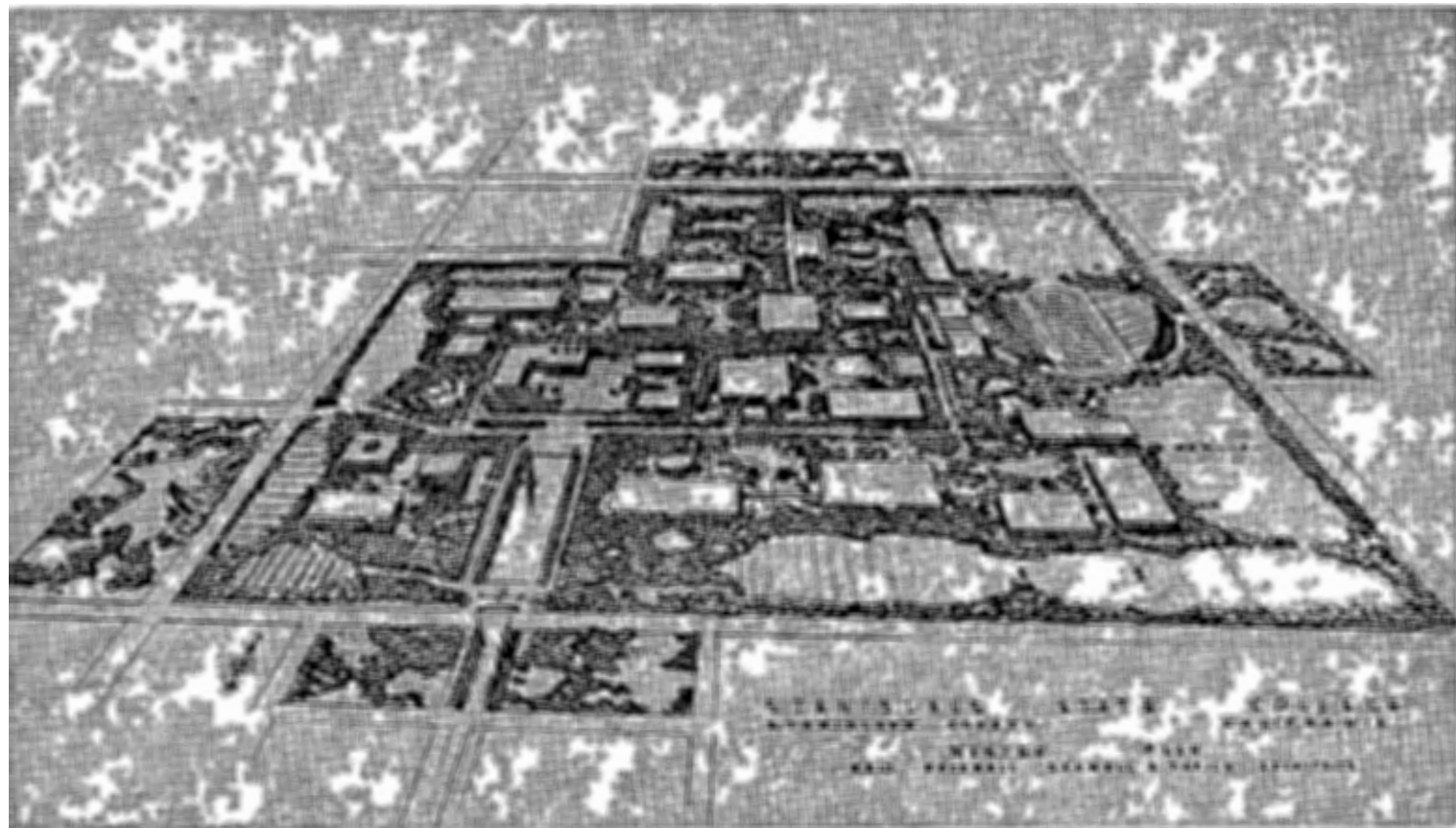
CATALOG

1963-1964

Turlock, California







Stanislaus State College Master Plan



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# ACADEMIC CALENDAR

## SUMMER SESSION, 1963

June 17-July 26	.....	First six weeks session
July 29-September 6	.....	Second six weeks session
July 18-July 22	.....	Bach Festival
July 29-August 9	.....	Two week workshop period

(Consult 1963 Summer Session Bulletin, available from the Admissions and Records Office, for further information.)

## FALL SEMESTER, 1963

August 15, Thursday	.....	Deadline for filing applications for admission or readmission, transcripts, and supporting admissions documents for Fall Semester (The College cannot guarantee complete admissions processing for students who complete the application procedure after this date.)
September 11, Wednesday	.....	Faculty orientation
September 12-14, Thursday	.....	Registration (refer to Schedule of Classes)
September 14, Saturday	.....	Registration (refer to Schedule of Classes)
September 14, Saturday	.....	until noon Last day to register without late fee of \$5.00
September 16, Monday	.....	Opening ceremonies and student orientation program
September 16, Monday	.....	Instruction begins
September 20, Friday	.....	First day to add or drop courses
September 21, Saturday	.....	Registration (refer to Schedule of Classes)
September 21, Saturday	.....	until noon Last day of late registration
September 27, Friday	.....	Last day to apply for Fall 1963 graduation
September 27, Friday	.....	Last day to add a course
September 30, Monday	.....	Last day to file application for partial refund of fees for dropping courses or withdrawing
October 14, Monday	.....	First scholarship report
October 18, Friday	.....	Last day to drop a course without a grade
October 18, Friday	.....	Applications due for Spring 1964 and Summer Session 1964 graduation
November 11, Monday	.....	Legal holiday (Veterans Day)
November 28-December 1,	.....	Thanksgiving holidays
December 2, Monday	.....	Second scholarship report
December 19-January 1,	.....	Registration (refer to Schedule of Classes)
December 19-January 1,	.....	Thursday through Wednesday Christmas holidays
January 2-3; 6-10,	.....	Registration (refer to Schedule of Classes)
January 2-3; 6-10,	.....	Thursday through Friday Student conferences with advisers for Spring registration
January 8-10, Wednesday	.....	Pre-registration for Spring Semester, 1964
January 10, Friday	.....	Scholarship and loan applications for Spring Semester due
January 17, Friday	.....	Last day of classes
January 20-25, Monday	.....	Final examinations for semester
January 20-25, Monday	.....	through Saturday Final examinations for semester
January 25, Saturday	.....	Semester ends

## SPRING SEMESTER, 1964

January 15, Wednesday	.....	Deadline for filing applications for admission or readmission, transcripts, and supporting admissions documents for Spring Semester (The College cannot guarantee complete admissions processing for students who complete the application procedure after this date.)
January 30–February 1, Thursday until noon		
Saturday	.....	Registration (Refer to Schedule of Classes)
February 1, Saturday		
until noon	.....	Last day to register without late fee of \$5.00
February 3, Monday	.....	Student orientation program
February 3, Monday	.....	Instruction begins
February 7, Friday	.....	First day to add or drop courses
February 8, Saturday		
until noon	.....	Last day of late registration
February 12, Wednesday	.....	Legal holiday (Lincoln's birthday)
February 14, Friday	.....	Last day to apply for Spring 1964 and Summer Session 1964 graduation
February 14, Friday	.....	Last day to add a course
February 17, Monday	.....	Last day to file application for partial refund of fees for dropping courses or withdrawing
February 22, Saturday	.....	Legal holiday (Washington's birthday)
March 9, Monday	.....	First scholarship report
March 13, Friday	.....	Last day to drop a course without a grade
March 13, Friday	.....	Applications due for Fall 1964 graduation
March 23-29, Monday		
through Sunday	.....	Easter vacation
May 4, Monday	.....	Second scholarship report
May 11-15; 18-22, Monday through Friday	.....	Student conferences with advisers for Summer and Fall registration
May 20, Wednesday	.....	Scholarship and loan applications for Summer and Fall Semester due
May 29, Friday	.....	Last day of classes
May 30, Saturday	.....	Legal holiday (Memorial Day)
May 31, Sunday	.....	Baccalaureate
June 1-5, Monday		
through Friday	.....	Final examinations for semester
June 6, Saturday	.....	Commencement
June 6, Saturday	.....	Semester ends

### SUMMER SESSION, 1964 (Tentative)

June 15-July 24	.....	First six weeks session
July 27-September 4	.....	Second six weeks session
July 27-August 7	.....	Two week workshops period

#### OFFICE HOURS—ADMISSIONS AND RECORDS, BUSINESS OFFICE

Regular Session	.....	Monday-Friday, 8 a.m. to 12; 1 to 5 p.m.
Summer Session	.....	Monday-Friday, 7:30 a.m. to 12; 1 to 4:30 p.m.

#### LIBRARY HOURS

Regular Session	.....	Monday-Thursday, 8 a.m. to 9 p.m.; Friday, 8 a.m. to 5 p.m.; Saturday, 9 a.m. to 1 p.m.
Summer Session	.....	Monday-Friday, 7:30 a.m. to 4:30 p.m.

## SCHEDULE OF ADMISSION EXAMINATIONS

The College Entrance Examination Board—Scholastic Aptitude Test, the official admission examination of Stanislaus State College, will be administered on the following dates at test centers which have been established throughout the country. A test center will be in operation at Stanislaus State College for those dates designated below by an asterisk. (See Admissions Examination, page 24.)

### *Test Date*

Saturday, May 18, 1963  
Wednesday, August 14, 1963  
Saturday, November 2, 1963\*  
Saturday, December 7, 1963\*  
Saturday, January 11, 1964\*  
Saturday, March 7, 1964\*  
Saturday, May 2, 1964\*  
Wednesday, July 8, 1964\*

### *Application Deadlines*

April 20, 1963  
July 17, 1963  
October 5, 1963  
November 9, 1963  
December 14, 1963  
February 8, 1964  
April 4, 1964  
June 10, 1964

Administration of the CEEB-SAT at Stanislaus State College is also being planned during September 1963 and September 1964 exclusively for S.S.C. applicants. The exact dates of these examinations and details concerning the application procedure will be announced locally.

1

2



## BOARD OF TRUSTEES.

The California State Colleges  
2930 West Imperial Highway  
Inglewood, California

### EX OFFICIO MEMBERS

Edmund G. Brown, LL.B. _____ Governor of California and President of the Trustees	Sacramento
Glenn M. Anderson, A.B. _____ Lieutenant Governor of California	Sacramento
Jesse M. Unruh, B.A. _____ Speaker of the Assembly	Sacramento
Max L. Rafferty, Jr., B.A., M.A., Ed.D. _____ State Superintendent of Public Instruction	Sacramento
Glenn S. Dumke, A.B., M.A., Ph.D., LL.D., L.H.D. _____ Chancellor, California State Colleges	Inglewood

### APPOINTED MEMBERS

Gregson Bautzer, B.A., LL.B. _____	Beverly Hills
John E. Carr, B.A. _____	Newport Beach
William K. Coblenz, A.B., LL.B. _____	San Francisco
Mrs. Philip Conley, B.A. _____	Fresno
Donald M. Hart, B.A. _____	Bakersfield
George D. Hart, A.B. _____	San Francisco
Louis H. Heilbron, A.B., LL.B., LL.D. _____	San Francisco
Charles Luckman, LL.D., A.F.D. _____	Los Angeles
Theodore Meriam, A.B. _____	Chico
Thomas L. Pitts _____	San Francisco
Daniel H. Ridder, B.A. _____	Long Beach
Albert J. Ruffo, LL.B., B.S. in E.E. _____	San Jose
Paul Spencer, B.A. _____	San Dimas
Allen J. Sutherland, A.B. _____	San Diego
George A. Thatcher _____	Inglewood
E. Guy Warren, B.A. _____	Hayward

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Glenn S. Dumke, Chancellor, Secretary-Treasurer _____	Inglewood

### OFFICE OF THE CHANCELLOR

Chancellor _____	Glenn S. Dumke
Vice Chancellor _____	Don M. Muchmore
Vice Chancellor, Academic Affairs _____	Raymond A. Rydell
Vice Chancellor, Business Affairs _____	John F. Richardson
Assistant Chancellor, Faculty and Staff Affairs _____	C. Mansel Keene

## COLLEGE ADMINISTRATION

President	Alexander Capurso
Executive Dean	Gerard J. Crowley
Assistant to Executive Dean	S. LeRoy Wilson
Assistant to Executive Dean	R. Lamar Jackson
Dean of Instruction	John E. Caswell
Audio-Visual Coordinator	Chris A. Galas
Dean of Students	Joseph E. Bruggman
Associate Dean, Admissions and Records	Edward J. Aubert
Registrar	C. W. Quinley, Jr.
College Counselor	Rudolph C. Ferguson
Business Manager	Ernest E. Rives
Accounting Officer	A. Harry Hlad
Personnel Officer	Marjorie B. Channing
Purchasing Officer	Thomas J. White
Supervisor, Central Clerical Staff	Irene D. Hatfield

## SECRETARIAL STAFF

E. Lorraine Johnson	Secretary to the President
Leona O. Anderson	Secretary to Executive Dean
Marion McCardia	Secretary to Dean of Instruction
Carol Anderson	Secretary to Dean of Students
Jewel Buzzard	Secretary to Business Manager

## DIVISIONS AND DEPARTMENTS

DIVISION OF BUSINESS, Chairman	Thomas P. Barrett
Accounting, Department Head	Kenneth G. Young
Management and Marketing, Department Head	Thomas P. Barrett
DIVISION OF CREATIVE ARTS, Chairman	Richard B. Reinholz
Art, Department Head	Richard B. Reinholz
Music, Department Head	Clifford C. Cunha
DIVISION OF EDUCATION, Chairman	Lloyd E. Bevans
DIVISION OF HUMANITIES, Chairman	Max C. Norton
English, Department Head	James P. Jensen
Speech and Drama, Department Head	Max C. Norton
Foreign Languages: Spanish, French, German; Journalism; Philosophy	
DIVISION OF SCIENCE AND MATHEMATICS, Chairman	Paula K. Loeffler
Biological Sciences, Department Head	James C. Hanson ✓
Mathematics and Physics, Department Head	James N. Javaher
Physical Science, Department Head	Chris A. Galas
DIVISION OF SOCIAL SCIENCES, Chairman	Don W. Driggs
History, Department Head	David B. Stenzel
Political Science, Department Head	Don W. Driggs
Sociology and Anthropology, Department Head	Robert N. Davidson
Economics; Psychology	
LIBRARY, College Librarian	R. Dean Galloway
Technical Services	Miriam C. Maloy
Order Librarian	Alfred J. Maupin
Cataloger	Agnes L. Bennett
Circulation and Reference Librarian	Louise G. Carter
Public Services	J. Carlyle Parker

## STANISLAUS STATE COLLEGE ADVISORY BOARD

Stanley T. Wilson, Chairman	Turlock
Kennan H. Beard, Sr., Vice-Chairman	Modesto
Hartley H. Bush	Oakdale
Ross A. Carkeet	Sonora
Robert John Evans	Mariposa
Richard Gardner	Los Banos
Buddy T. Iwata	Livingston
William Logan	Patterson
Mrs. Donald M. Robinson	Merced

## FACULTY

- Ahlem, Lloyd H. (1962) ..... Associate Professor of Psychology and Education  
 B.A., 1952, San Jose State College; M.A., 1955; Ed.D., 1962, University of Southern California; Certified Psychologist, 1959, State of California
- Aubert, Edward J. (1961) ..... Associate Dean, Admissions and Records  
 B.S., 1956, University of San Francisco; M.B.A., 1961, University of California, Berkeley
- Barrett, Thomas P. (1961) ..... Assistant Professor of Management and Marketing  
 B.S., 1954, Northeastern University; M.A., 1958, Michigan State University
- Bennett, Agnes L. (1961) ..... Librarian II  
 A.B., 1951, Luther College; A.M.L.S., 1952, University of Michigan
- Berkoben, Lawrence D. (1963) ..... Assistant Professor of English  
 B.A., 1957, Pennsylvania State University; M.A., 1958, Ohio University
- Bevans, Lloyd E. (1960) ..... Professor of Education  
 A.B., 1936, Iowa State College; M.A., 1938, University of Iowa; Ed.D., 1951, Stanford University
- Bruggman, Joseph E. (1960) ..... Dean of Students; Professor of Music  
 B.A., 1941, San Jose State College; M.A., 1947; Ed.D., 1949, Columbia University
- Capurso, Alexander (1963) ..... President  
 B.S., 1933; M.A., 1934; Ph.D., 1938, University of Kentucky; Doctor of Music (*Honoris Causa*), 1957, Philadelphia Musical Academy
- Carter, Louise G. (1960) ..... Librarian II  
 B.S., 1939, University of Minnesota
- Caswell, John E. (1960) ..... Dean of Instruction; Professor of Social Science  
 B.A., 1934; M.A., 1937, University of Oregon; Ph.D., 1952, Stanford University
- Crowley, Gerald J. (1960) ..... Executive Dean; Professor of Management  
 A.B., 1942, Loyola College; Ed.M., 1951, Boston University
- Cunha, Clifford C. (1961) ..... Associate Professor of Music  
 A.B., 1939, San Jose State College; M.A., 1950, Stanford University
- Davidson, Robert N. (1961) ..... Assistant Professor of Sociology  
 B.A., 1950, San Jose State College; M.A., 1952, Stanford University
- Driggs, Don W. (1961) ..... Associate Professor of Political Science  
 B.S., 1950, Brigham Young University; M.A., 1955; Ph.D., 1956, Harvard University
- Farrar, Charles R. (1960) ..... Assistant Professor of Education  
 B.A., 1949; M.A., 1950, Humboldt State College
- Ferguson, Rudolph C. (1960) ..... College Counselor;  
 Assistant Professor of Mathematics  
 A.B., 1926; M.A., 1931, University of the Pacific
- Galas, Chris A. (1961) ..... Assistant Professor of Physical Science  
 B.S., Naval Academy, Hydra, Greece, 1950; B.S., 1956; M.S., 1958, University of Michigan
- Galloway, R. Dean (1960) ..... College Librarian  
 A.B., 1947, Humboldt State College; M.S., 1950, University of Southern California
- Ghiglieri, Sylvia M. (1961) ..... Assistant Professor of Music  
 B.M., 1954, Dominican College; Diploma, Music Academy of the West at Santa Barbara, 1954; Conservatoire de la Musique at Fontainebleau, France, 1955; M.M., 1960, University of the Pacific
- Hackwell, Glenn A. (1961) ..... Assistant Professor of Biology ✓  
 B.S., 1957, M.S., 1958, Brigham Young University
- Hanson, James C. (1960) ..... Assistant Professor of Biology ✓  
 B.A., 1955; M.A., 1957, University of the Pacific

- Jackson, R. Lamar (1961).....Assistant to Executive Dean  
Assistant Professor of Speech  
A.B., 1929, University of California, Berkeley
- Javaher, James N. (1961).....Associate Professor of Mathematics and Physics  
LL.B., 1946, University of Tehran; B.A., 1950, San Jose State College; M.A., 1952,  
University of California, Berkeley; B.S., 1954, Stanford University; Sc.D., 1960,  
University of Paris
- Jensen, James P. (1961).....Assistant Professor of English  
B.A., 1953; M.A., 1957, University of Washington
- Johnson, Lola V. (1960).....Assistant Professor of English  
B.A., 1956; M.A., 1959, University of the Pacific
- Koplin, Eldon A. (1961).....Assistant Professor of Education  
B.A., 1950, M.E., 1954, University of South Dakota; Ed.D., 1960, Colorado State  
College
- Loeffler, Paula K. (1960).....Assistant Professor of Chemistry  
Ph.D., 1953, University of Vienna
- Maloy, Miriam C. (1960).....Librarian III  
A.B., 1930; Librarianship Certificate, 1931, University of California, Berkeley
- Maupin, Alfred J. (1961).....Librarian II  
B.A., 1952, University of Chattanooga; M.L.S., 1961, Emory University
- Norton, Max C. (1961).....Associate Professor of Speech  
B.A., 1951; M.A., 1955, University of the Pacific; Ph.D., 1962, University of  
Denver
- Parker, J. Carlyle (1963).....Librarian III  
A.B., 1957, Brigham Young University; M.L.S., 1958, University of California,  
Berkeley
- Quinley, C. W., Jr. (1962).....Registrar  
A.B., 1950, San Jose State College
- Rasmussen, John Peter (1962).....Assistant Professor of History  
B.A., 1955, Fresno State College; M.A., 1959, Ph.D., 1962, Stanford University
- Reinholtz, Richard B. (1960).....Associate Professor of Art  
B.S., 1950, M.Ed., 1954, University of Minnesota
- Rives, Ernest E. (1960).....Business Manager  
Sawyer's School of Business, 1940-41; Long Beach Business College, 1946-48
- Rushdoony, Haig A. (1961).....Assistant Professor of Education  
A.B., 1949; M.A., 1953, San Francisco State College; Ed.D., 1961, University of  
California, Berkeley
- Saunders, John F. (1963).....Assistant Professor of Foreign Language  
B.A., 1956, Stanford University; M.A., 1961, University of Illinois
- Stenzel, David B. (1961).....Associate Professor of History  
B.S., 1951, Georgetown University; Diploma, 1950, University of Vienna; M.A.,  
1954, Ph.D., 1957, University of California, Berkeley
- Swain, Lorna M. (1961).....Assistant Professor of Education  
A.B., 1937, University of California, Berkeley; M.A., 1954, Humboldt State Col-  
lege; Ed.D., 1960, Stanford University
- Wilson, S. LeRoy (1961).....Assistant to Executive Dean; Instructor in Journalism  
B.A., 1958, Fresno State College
- Young, Kenneth G. (1961).....Professor of Accounting  
B.S.C., 1948, Loyola University; M.B.A., 1951, University of California, Berkeley;  
C.P.A., 1944, University of Illinois; C.P.A., 1948, State of California

## OFFICE STAFF

### *President's Office*

E. Lorraine Johnson  
Esther Noda

### *Executive Dean's Office*

Leona Anderson  
Marlene Hendershott

### *Admissions and Records*

Yvonne Baptiste  
Alice Crowder  
Mary Jo Ferrise  
Lucille Graham  
Susan Johansen

### *Instruction*

Liane Beauchamp  
Barbara Cox  
Irene Hatfield  
Betty Hersh  
Marion McCardia  
Bonnie Southward

### *Audio-Visual*

Clifford Dick

### *Library*

Bette Baker  
Anita Domries  
Betty Hedgpeth  
Lila McCombs  
Nawatha Reed

### *Business Office*

Jewell Buzzard  
Robert Byers  
Marjorie Channing  
A. Harry Hlad  
Anita Johnson  
Patricia Keith  
Virginia Malfait  
Bobbie McNeal  
Patricia Moore  
Thomas J. White  
Patricia Wilson

### *Student Personnel*

Carol Anderson  
Vicki Barker

## MAINTENANCE STAFF

Paul Adams  
Van Gideon

John Kugler  
Milard C. Ortman

## GENERAL INFORMATION

### THE CALIFORNIA STATE COLLEGES

The California State Colleges are a development of the democratic concept of tuition-free public higher education for all qualified students.

Spanning the state from Humboldt County in the north to San Diego in the south, the sixteen campuses of the California State Colleges (with two additional campuses in the planning stage) represent the largest system of public higher education in the Western Hemisphere, and one of the largest in the world. Current enrollment is approximately 118,000 full and part-time students. The faculty and administrative staff numbers about 7,000.

The individual colleges, each with a geographic, curricular and academic character of its own, offer a basic program in the liberal arts. Beyond this, each college is noted for its individuality in academic emphasis, which makes for a diversified system. Course offerings leading to the bachelor's and master's degrees are designed to satisfy student interests and to serve the technical and professional manpower requirements of the state.

The California State Colleges are dedicated to rigorous academic standards. Each faculty within the system is a "teaching faculty" whose primary responsibility is the instructional process on the teacher-student level, with recognition of the necessary and constructive role of research in any institution of higher education.

Responsibility for the California State Colleges is vested in the Board of Trustees, which is appointed by the Governor, and the Board's administrative arm, the Chancellor. The Trustees and the Chancellor set broad policies for the colleges while delegating considerable independent responsibility for implementation at the college level.

● Although the oldest of the colleges, San Jose State College, dates back a century, the California State College system under an independent Board of Trustees was created by the Donahoe Act of 1960. Formerly the colleges were under the jurisdiction of the State Board of Education.

Today, the California State Colleges are in a particularly dynamic period of their development. Prior to World War II, there were seven State Colleges with a peak total enrollment of approximately 13,000. Since 1947, nine new campuses have been developed and two more are scheduled to begin operation within the next three years. Enrollment in the system is expected to reach 180,000 by 1970.

### HISTORY OF STANISLAUS STATE COLLEGE

Stanislaus State College is one of the eighteen institutions composing the California State College system. The movement to obtain a state college to serve the needs of the northern San Joaquin Valley began about 1953, and funds for site acquisition were appropriated by the

1957 Legislature. The selection of a site of 220 acres approximately one mile north of Turlock was announced in December, 1959.

Dr. J. Burton Vasche, Associate State Superintendent of Public Instruction, was appointed first President of the College. Instruction was begun on September 19, 1960, in rented facilities at the Stanislaus County Fairgrounds in Turlock. The College was authorized to admit juniors, seniors, and graduate students.

The second year of operation saw a substantially increased permanent faculty and material improvement in instructional and physical facilities. After the death of Dr. Vasche, Gerard J. Crowley was appointed Acting President in June, 1962.

By the opening of the third academic year, plans were well advanced for a permanent library and classroom building. Distinctive features, both in exterior and interior design, promised to make the campus outstanding in efficiency and beauty. The master plan for the campus has been designed for an eventual enrollment of 12,000. It is anticipated that the College will occupy its new plant by the fall of 1964.

### ACCREDITATION

Courses and degrees at Stanislaus State College are recognized and accepted by the United States Veterans Administration, the California State Department of Veterans Affairs, and the Credentials Office of the California State Department of Education.

Initial steps toward accreditation by the Western Association of Schools and Colleges have been taken by Stanislaus State College. Current information is available at the College.

### DEGREE AND CREDENTIAL PROGRAMS

#### BACCALAUREATE DEGREES

<i>Bachelor of Arts Degree Programs</i>	<i>Areas</i>
Liberal Arts—Arts and Music .....	Art or Music
Liberal Arts—Business Administration .....	Accounting, Management, or Marketing
Liberal Arts—Foreign Language .....	Spanish
Liberal Arts—Humanities .....	English or Speech and Drama
Liberal Arts—Mathematics and Science .....	Mathematics, Physical Science, Biology, or Zoology
Liberal Arts—Social Science .....	Social Science, Economics, History, Political Science, Psychology, or Soci- ology and Anthropology
Liberal Arts—Elementary Education .....	See requirements for the admission to this program, page 60.

The following Bachelor of Arts degree programs are being developed and will be offered when approved by the Board of Trustees of the California State Colleges.

Art	History
Biological Science	Music
English	Speech and Drama

*Bachelor of Education Degree Program:* Requirements for admission to this program are on page 60.



### SCHOOL CREDENTIALS

Courses are offered that may be applied toward the satisfaction of credential requirements as set forth by the State Board of Education. See information under Division of Education, page 60 and following. For further details, inquire in the Office of the Division of Education.

### LIBRARY

The general collection of the College Library has been selected to meet the needs of the curriculum. It will contain over 50,000 volumes at the beginning of the academic year 1963-64. Approximately 700 periodical subscriptions are received, with back files of these periodicals available.

The Curriculum Library, a division of the College Library, contains over 2,500 courses of study and teacher's guides. A sample textbook collection includes over 1,500 elementary and secondary school texts in addition to the California State textbooks.

Plans are completed for a new library to house an initial collection of 72,000 volumes on the permanent campus. A 24-station listening room and an outdoor reading area are special features of this new building, which is scheduled for completion in the fall of 1964.

### SUMMER SESSIONS AND EXTENSION

Stanislaus State College offers two six-week Summer Sessions each year with courses available in most of the major areas of the curriculum. The dual sessions enable students to complete course requirements more rapidly than would otherwise be possible. The Summer Sessions also allow teachers an opportunity to acquire depth in academic fields, to complete credential requirements, and to advance their professional competencies. A Summer Sessions Bulletin is issued annually.

The College offers a limited program of extension courses. For further information refer to the Office of the Dean of Instruction.

## ADMISSION TO THE COLLEGE

Stanislaus State College is authorized to admit for the 1963-64 academic year upper division and graduate students who complete the admission procedure and qualify under the standards described in the following admission requirements.

### ADMISSION REQUIREMENTS

The admission requirements of Stanislaus State College are summarized below. Following this summary, sections of the *California Administrative Code* which are pertinent to applicants for admission to Stanislaus State College are quoted to provide the specific legal requirements for admission to the college.

#### *Summary of Admission Requirements*

*Undergraduates.* To qualify for admission as an undergraduate a student must be in "good standing" at the last college at which he matriculated and have satisfactorily completed either:

1. 60 or more acceptable semester units of college course work with a 2.0 (C) grade point average or better, or
2. 54-59 acceptable semester units of college course work with
  - a. 3.0 (B) grade point average or better, or
  - b. 2.0 (C) grade point average or better, and meet the current freshman eligibility requirements. (See *Admission With Freshman Standing*, page 21.)

*Graduates.* Graduate students may be admitted with unclassified status if they have completed a four-year college course and hold an acceptable baccalaureate degree. Classified status will be granted qualified students when the College has been formally authorized to grant the master's degree.

*Students Seeking Readmission.* Students in "good standing" may be readmitted to the College after an absence of one or more semesters by formally applying for readmission.

*Students From Non-Accredited Colleges.* Students who apply with credit from non-accredited colleges may be considered for admission with provisional credit providing they meet the standards stated above for undergraduates or graduates (See *Credit from Non-Accredited Colleges*, page 25.)

*Students Seeking Enrollment for Fewer than 7 Units.* Students seeking to enroll in a fall or spring semester for fewer than seven semester units must complete the admission procedure and are subject to the admission requirements stated above for undergraduates or graduates.

*Students Seeking Enrollment As Auditors Without Credit.* Students seeking only to audit courses without credit must complete the admis-

sion procedure. If accepted, these students must pay the same registration fees as other students.

*Students Seeking Summer Session Enrollment.* Students seeking to enroll for summer sessions only are not required to comply with the admission procedure unless they plan to complete degree or credential requirements at the College.

### *Specific Legal Requirements for Admission*

The following California Administrative Code requirements are not applicable to students enrolling in summer sessions or extension, or as auditors without credit. These requirements apply to all other students seeking admission for 1963-64 and are subject to change thereafter.

*Admission With Freshman Standing.* Although Stanislaus State College currently admits only upper division and graduate students, the requirements for admission with freshman standing are quoted since they are essential to defining the eligibility for admission of other undergraduates.

The California Administrative Code states:

"Section 40800. *High School Graduates—Admission to a State College other than Orange State College.* For admission to a state college other than Orange State College, a high school graduate, or other applicant must, as a minimum, meet one of the following:

(a) Have earned 14 or more semester grades of A or B (70 semester periods or 7 Carnegie units) on a five-point scale in subjects other than physical education, military science, and remedial courses during the last three years in high school, including at least six college preparatory subject grades, and have taken a standard college aptitude test and have submitted the results thereof. College preparatory courses include one or more of the following fields:

- (1) English, including speech, drama, and journalism, other than activity courses.
- (2) Foreign languages.
- (3) Mathematics.
- (4) Natural Sciences.
- (5) Social Sciences.

(b) Have earned 10 or more semester grades of A or B (50 semester periods or 5 Carnegie units) on a five-point grading scale in subjects other than physical education, military science, and remedial courses during the last three years in high school and have attained a score at least equivalent to the 30th percentile on national college freshman norms of a standard college aptitude test.

An applicant may be admitted to a state college when in the judgment of the appropriate college authorities, he has equivalent preparation to that in (a) or (b) above.\*

*Admission with Advanced Undergraduate Standing.* Since Stanislaus State College is not authorized to admit lower division students at the present time, the following statements are further restricted by the fact that undergraduate students are eligible for admission to the College only if they have completed a minimum of 54 acceptable semester units of college course work.

\* Title 5, Chapter 5, Subchapter 2.

The *California Administrative Code* states:

*"Section 40901. Applicants Who Were Eligible for Admission With Freshman Standing.* An applicant is eligible for admission to a state college with advanced undergraduate standing if he meets all the following standards:

(a) At the time of his graduation from high school, he was eligible for admission with freshman standing in accordance with subsection (a) or (b) of Section 40800.

(b) He has earned college credit in one or more accredited degree-granting colleges or universities and attained a grade point average of 2.0 (grade of C on a five-point scale) or better in the total program attempted at such colleges or universities.

(c) He was in good standing at the last accredited degree-granting college or university attended.

*"Section 40902. General Applicants Who Were Not Eligible for Admission with Freshman Standing.* An applicant who was ineligible for freshman admission under subsection (a) or (b) of Section 40800 is eligible for admission with advanced undergraduate standing if he was in good standing at the last accredited degree-granting college or university attended and meets all of the requirements set forth in either of the following subsections:

(a) He has earned in one or more accredited degree-granting colleges or universities 60 semester units of college credit with a grade-point average of 2.0 (grade C on a five-point scale) or better in the total program attempted at such colleges or universities.

(b) He has earned in one or more accredited degree-granting colleges or universities 24 semester units of credit with a grade-point average of 3.0 (grade of B on a five-point scale) or better in the total program attempted at such colleges or universities." \*

*Admission of Graduate Students.* The *California Administrative Code* states:

*"Section 41000. Admission With Graduate Standing: Unclassified.*

(a) For admission with graduate standing as an unclassified graduate student, a student shall have completed a four-year college course and hold an acceptable baccalaureate degree from an accredited institution; or shall have completed equivalent academic preparation as determined by the appropriate college authorities.

(b) Admission to a state college with graduate standing does not constitute admission to graduate degree curricula." \*

## ADMISSION PROCEDURES

### Who Must Apply

All students who were not enrolled in the regular session immediately preceding the semester for which they wish to enroll must apply for admission or readmission. This includes those who enrolled in but withdrew from residence credit or audit courses. Students who qualify for a baccalaureate degree at the College must apply for readmission with graduate standing to continue their enrollment. Enrollment in extension courses or summer session does not exempt a student from the above requirements.

\* Title 5, Chapter 5, Subchapter 2.

Students seeking to enroll for summer sessions only are not required to apply for admission unless they plan to complete degree or credential requirements at the College.

### **When to Apply**

Applications for admission are accepted beginning February 15 for the Fall Semester and September 15 for the Spring Semester. Applications for admission or readmission with all transcripts and admission documents are due in the Admissions and Records Office not later than *August 15* for the Fall Semester and *January 15* for the Spring Semester. The College cannot guarantee complete admissions processing for students who complete the application procedures after these dates.

### **How to Apply**

Application forms are available at the Admissions and Records Office. A postal card is provided in this Catalog for your convenience in requesting an application form and admission instructions.

### **Application Fee**

A fee of five dollars (\$5.00) is charged for processing of applications for admission to the College. This fee applies to (1) all persons not regularly enrolled at the College during either of the two regular semesters immediately preceding, and (2) former students who subsequently attended another college. Applicants for summer session registration only and those seeking only to audit course without credit are exempt from this requirement.

### **Transcripts Required**

An applicant must request complete official transcripts from (1) the last high school he attended and (2) each college and university at which he registered, to be sent directly to the Admissions and Records Office. Transcripts presented by students cannot be accepted.

No determination of admission eligibility will be made until all required transcripts have been received. Official transcripts must include a complete record of all previous high school and college work attempted whether or not the applicant desires credit. A separate official transcript is required from each college attended even though one transcript may show work completed at another college. All records submitted become the property of the College and cannot be returned to the applicant or duplicated.

*Applicants with Courses in Progress.* An applicant who is in attendance at a school or college at the time of application must file a transcript which includes the subjects in which he is currently enrolled. After the applicant has completed these subjects, he must notify his school or college to forward a supplementary record showing the final grades for that semester.

*Veterans.* A veteran who desires to have his military records evaluated for possible credit toward a baccalaureate degree must file a copy of his separation papers with his application.

*Graduate Students.* An applicant who holds a baccalaureate degree from an accredited institution and who is not seeking another degree or a credential needs only to verify his baccalaureate degree by filing an official transcript from the institution at which his degree was earned.

*Former Students.* Former students of Stanislaus State College who are returning after graduation or an absence of one or more semesters are required to submit official and complete transcripts covering attendance at any other college since the date of last enrollment at Stanislaus State College. A graduate student who is not seeking a degree or credential at the College need not submit additional transcripts.

*Summer Session Registrants.* A student seeking to enroll for summer sessions only is not required to file official transcripts unless he plans to complete requirements for a degree or credential at the College.

### **Admissions Examination**

Students entering Stanislaus State College with fewer than sixty acceptable semester units are required to take the College Entrance Examination Board-Scholastic Aptitude Test. All other undergraduate applicants are encouraged to take this test if they do not file the results of a recent college entrance aptitude examination with the Admissions and Records Office. Test results will be used as a basis for counseling and, when required, for determining eligibility for admission.

The Scholastic Aptitude Test may be taken at Stanislaus State College and other testing centers throughout the United States on established dates. Testing dates for the 1963-64 academic year are listed on page 9 of this Catalog. Applicants for admission should take the CEEB-SAT not later than July for Fall admission, or December for Spring admission. The test fee is \$5.00, payable at the time of application to take the test.

Applications and fees should be sent directly to the Educational Testing Service, Box 27896, Los Angeles 27, California, in time to be received not later than four weeks and preferably six weeks prior to the test date selected. Application forms to take the test and additional information regarding this requirement are available at the College Admissions and Records Office or by letter from the Educational Testing Service.

### **Health Statement**

A Statement of Health must be submitted by all students who apply for admission for a fall or spring semester. Forms for this purpose are available from the Admissions and Records Office.

### **Statement of Residence**

A Statement of Residence must be submitted by each student; however, no student in continuous attendance during successive semesters

is required to file a statement of residence after the initial filing, unless his residence status has changed.

### EVALUATION AND ACCEPTANCE OF TRANSFER CREDIT

The Admissions and Records Office will evaluate previous college work in terms of its relationship to the requirements of Stanislaus State College. All degree candidates will be issued an Evaluation of Transfer Credit which will serve as a basis for determining the remaining requirements for the student's specific objective. The evaluation remains valid as long as the student matriculates at the date specified, pursues the objective declared, and remains in continuous attendance. The student will not be obligated to meet additional graduation requirements unless such requirements become mandatory as a result of changes in the *California Administrative Code*.

Because of these regulations, the student should notify the Admissions and Records Office immediately if he changes the objective specified in his evaluation.

While a student may elect to graduate under the degree requirements in effect at the time of his admission, he will be held responsible for complying with all changes in other regulations and procedures which may appear in subsequent catalogs.

#### *Transfer of Credit from a Junior College*

Junior college credit is allowed up to a maximum of 70 units. No upper division credit may be allowed from a junior college, nor may credit be allowed for professional courses in education or courses not in a baccalaureate degree transfer program.

#### *Credit from Non-Accredited Colleges*

Credits earned in non-accredited colleges are accepted provisionally toward fulfillment of graduation requirements and advanced standing. Regular credit may be granted on completion of 24 units at Stanislaus State College with a 2.0 (C) grade point average or better.

#### *Credit for Extension and Correspondence Courses*

The maximum credit for correspondence and extension courses which may be allowed toward the bachelor's degree is 24 units, of which not more than 12 may be transferred from other colleges without approval of the Academic Standards Committee.

#### *Credit for Military Service*

Undergraduate students who have been in military service may receive unit credit toward a baccalaureate degree. Courses taken at service schools may yield credit if an evaluation determines that they are of college level. Military experience will be evaluated only upon request. Records verifying such experience must be filed with the Admissions and Records Office.

## ACADEMIC ADVISING

Upon admission each student is assigned to an adviser in his major field of study. Those who are undecided concerning the choice of a major should seek the assistance of the College Counselor. Reassignments of advisers are made on the advice of the division chairman or department head of the student's major field or on approval of a student's request for a change in major.

The adviser helps the student plan his entire educational program; however, it is the student's responsibility to seek the counsel of the adviser to whom he is assigned. The student is also responsible for meeting the requirements for his degree or credential.

Specific days for counseling are designated each semester to provide time for students to meet with their major advisers to plan programs for the next semester. It is the student's responsibility to obtain approval of his program prior to the registration period.

## REGISTRATION

Registration is the final step in the matriculation process. When a student has been admitted to the College and has decided in a conference with his adviser which subjects to take, he is ready for registration.

A Class Schedule listing courses offered and the procedure for registration is available before each semester and summer session. At registration, every student is required to file an Official Program Card with the Admissions and Records Office. A student may not receive credit in any course for which he is not registered. Registration by mail or proxy is not permitted. Late registrants will find themselves handicapped in arranging their programs and must pay a \$5.00 late registration fee, as required by State law.

If a student unofficially drops a course or leaves the College without first reporting to the Admissions and Records Office to make the change official, he will receive grades of F.

### *Pre-Registration*

Pre-registration for the Spring Semester is conducted during January. All continuing, newly admitted, or re-admitted students who have been issued a Permit to Register are urged to pre-register. The procedure is outlined in the Spring Schedule of Classes.

## ACADEMIC STANDARDS

### *Scholarship Standards*

**Good Standing:** "Good standing" indicates that a student is eligible to continue in attendance and is free from financial obligation to the College and from disciplinary action. A student under academic or disciplinary disqualification is not eligible to receive a "good standing" notation on his transcripts until he is reinstated.

**Probation:** A student whose grade point average falls below 2.0 (C), based upon all units attempted at Stanislaus State College and/or upon units completed at other colleges, will be placed on probation.



**Disqualification:** A student will be subject to disqualification after individual review of his record if he is deficient in any of these respects:

1. He accrues an overall or Stanislaus State College grade point deficiency of ten (10) grade points or more.
2. He fails to make a 2.0 (C) average in the semester following a probationary period.
3. He fails to earn at least a 1.0 (D) grade point average during any one semester.
4. He fails to remove any grade point deficiency within two semesters of admission on probation or of the semester in which the grade point deficiency was incurred.

**Reinstatement after Disqualification:** After completion of the period of disqualification and after fulfillment of any other requirements stipulated by the Academic Standards Committee, a student may apply for reinstatement through the Admissions and Records Office.

### **Grading System**

A—4 grade points

B—3 grade points

C—2 grade points

D—1 grade point

F—0 grade point

I—Incomplete: No effect on grade point average; incomplete grades revert to F after one semester if not removed, except when extension of time has been granted.

H—Audit: No effect on units earned or grade point average

NR—No record: No grade reported by instructor

W—Ungraded withdrawal: No effect on units earned or grade point average

WS—Withdrew doing C work or better: No effect on units earned or grade point average

WU—Withdrew doing D or F work: Zero grade points

## **IMPORTANT POLICIES AND PROCEDURES.**

*Note: Students are held individually responsible for complying with these regulations.*

### **Attendance of Classes**

Regularity in attending classes is assumed. Students are allowed no specified number of absences, but legitimate absences for which instructors will make allowances are: illness, accident, death in family, religious holidays, and college activities which the student is obligated to attend. In such cases the instructor may give the student opportunity to make up the work missed. The Veterans Administration requires notification when students under its program become irregular in attendance.

### **Auditors**

Students may register in courses as auditors without credit provided there is room. An auditor must pay the same registration fees as other

students and may not change his registration to obtain credit after the last day to add a course. A student registered for credit may not change to audit status after the last day to drop a course without a grade. An auditor is not permitted to take examinations in the course. An audited course will not be posted on a student's permanent record unless he has formally registered for the course and, in the opinion of his instructor, has attended a substantial number of class meetings.

#### *Concurrent Enrollment*

A student who desires to enroll for a course at another institution while pursuing a degree or credential at Stanislaus State College must secure prior approval from his major adviser and from the Registrar. Forms for this purpose are available at the Admissions and Records Office. Credit may not be granted for units earned during concurrent enrollment unless prior approval is obtained.

#### *Official Program Limits*

The maximum load for students is 18 semester units of course work, including audited courses. A student desiring to carry units in excess of the maximum must submit a petition approved by his major adviser to the Dean of Students. Students with outside responsibilities are advised to reduce their study loads proportionately.

#### *Credit by Examination*

Any student in resident study who can offer convincing evidence of having achieved the objectives of a course offered at Stanislaus State College for which credit has not otherwise been allowed may apply, through the instructor to the division chairman or department head concerned for a special examination in order to fulfill the course requirement and/or earn unit credit toward a degree. Students who wish to secure unit credit toward a degree under this plan must register at a regular registration period for the course to be completed by examination. Credit received by examination will not count toward the residence requirement of the College.

#### *Change of Major*

A student who selects or changes his major after admission must file an application for change of major with the Admissions and Records Office. This application must be endorsed by his current adviser and the division chairman or department head of his new major.

#### *Change of Official Program*

No change in a student's program of courses will be recognized unless it is made on official forms, signed by his adviser, and accepted at the Admissions and Records Office. Unauthorized withdrawal or dropping a course will result in a final grade of F.

A student may drop a course during the semester, subject to the following regulations:

1. A course may be removed from the official program of courses if an approved Change of Program Request is filed in the Admissions

and Records Office on or before the last day to drop a course without penalty for work below C grade, as shown in the College Calendar.

2. After the last day to drop a course without penalty for work below C, a student who officially drops a course in which he is doing C work or better, as judged by his instructor, will receive a grade of WS; if his work is D or F, he will receive a grade of WU, which is equivalent to an F.

Students may add courses by filing an approved Change of Program Request in the Admissions and Records Office not later than the last day to add a course, as shown in the College Calendar.

**Withdrawal From College**

A student may withdraw from the College by filing an approved request for withdrawal in the Admissions and Records Office.

Students who file requests for withdrawal after the last day to drop a course without penalty for work below C, as shown in the College Calendar, will receive WS or WU, as explained in section 2, page 29. A student who takes unauthorized leave will receive a final grade of F in every course for which he was registered.

**Incomplete Work**

Incomplete grades are given for illness or other reasons beyond the control of the student. Responsibility for removing an incomplete grade rests with the student. Incomplete grades not removed by the last day of the next regular semester will revert to an F. However, in cases of extreme illness or other emergency the student may petition the Academic Standards Committee through the instructor for an extension of time. Students will not be permitted to graduate until all incompletes are removed.

**Student Classifications**

**Class level:**

Junior.....	54 to 89 acceptable semester units
Senior.....	90 acceptable semester units or more
Graduate.....	Possesses acceptable baccalaureate or advanced degree

**Admission status:**

General.....	Met all admission requirements
Probational.....	Admitted with scholastic deficiency
Conditional.....	Permitted to register pending official verification of admission status
Extension.....	Permitted to register for extension course work only
Summer.....	Permitted to register for summer session course work only

**Registration status:**

Continuing.....	Student enrolled in last regular session
Former.....	Returning student who registered in a previous but not the last regular session
New.....	Student who is registering in a regular session for the first time

### **Grade Reports to Students**

A report of final grades in all courses will be sent to each student at the conclusion of the semester.

### **Transcripts**

Official transcripts of courses attempted at Stanislaus State College are issued only with the written permission of the student concerned. Partial transcripts are not issued. A student is entitled to one free transcript; a fee of \$1.00 for each subsequent transcript issued must be received before the record can be forwarded. Transcripts from other institutions which have been presented for admission or evaluation become a part of the student's permanent record and are not returned or copied for distribution. Students desiring transcripts covering work attempted elsewhere should request them from the institutions concerned.

### **Petitions**

Students may petition for waiver of certain academic requirements or for review of decisions affecting their academic status. Petition forms and information concerning regulations may be secured from the Admissions and Records Office. All such petitions must be reviewed and signed by the student's major adviser before being filed with the Admissions and Records Office.

## **FEES AND REFUNDS**

Fees are established in accordance with State laws and the regulations of the Trustees of the California State Colleges and are subject to change as prescribed by law.

Auditors must pay the same fees as students enrolled for credit.

### **Registration Fees**

Payable at time of registration. No individual can be admitted to class prior to payment of all required fees.

#### **Regular Students (over 6 units):**

Materials and Services Fee.....	\$38.00
Associated Students' Fee.....	5.00
<b>Total per semester.....</b>	<b>\$43.00</b>

#### **Limited Students (1 to 6 units, inclusive):**

Materials and Services Fee.....	\$19.50
Associated Students' Fee.....	1.50
<b>Total per semester.....</b>	<b>\$21.00</b>

### Other Fees and Charges (in addition to Registration Fees)

Nonresident tuition—per unit (Maximum \$250.00 per semester)	\$17.00
Application Fee	5.00
Late Registration Fee	5.00
Check returned from bank for any cause	2.00
Change of Program	1.00
Transcript of Record (No charge for first copy)	1.00
Failure to meet administratively required appointment or time limit	2.00
Music Studio Lessons—per lesson	1.00 to 6.00
Replacement of equipment or materials lost or damaged	Cost of item
Library books or materials lost or damaged	Cost plus 1.00
Summer Session—per unit	11.50
Extension Courses—per unit	10.00

### Nonresident Students

The nonresident tuition fee is payable by all students who have not been legal residents of the State of California for at least one year immediately preceding the opening day of the school term.

Effective Fall, 1963, the rate of tuition to be paid by each nonresident student shall be \$500.00 per year, except that the rate of tuition to be paid by each nonresident student who is a citizen *and* resident of a foreign country shall be \$255.00 per year (\$127.50 per year; \$8.50 per unit).

Initial determination of residence status is made by College officials at the time of registration, and fees must be paid at that time. Full refund of nonresident fees paid will be made if final determination indicates that a student is a legal resident.

### Refund Regulations

Written application for refund of fees must be made on the forms available from the Admissions and Records Office. The application must be received in the Admissions and Records Office not later than the 14th calendar day following the first day of instruction.

The amount of the Materials and Services Fee paid, less \$2.00 to partially cover the cost of registration, will be refunded if the application is received as stated above. No refunds can be made if application is received after the deadline.

In general, no refunds of other fees and charges, except nonresident tuition, can be made. More detailed information is available in the College Business Office.

## STUDENT PERSONNEL SERVICES

Personnel services are offered to aid students in evaluating their own capabilities and objectives and in selecting those activities which will give them maximum benefit from college life. These and other services are co-ordinated by the Dean of Students and include admissions, registration, academic records, counseling, group and individual testing, placement, part-time jobs and summer work, student health and welfare, loans and scholarships, and student activities.

## COUNSELING

Counseling services are available to students who wish assistance with educational, vocational, or personal problems. Academic advising is primarily the responsibility of faculty advisers. The College Counselor is available to provide counseling for students with problems of adjustment to college life, occupational planning, and personal matters of a social, emotional, and financial nature.

### *Admissions Counseling*

The Associate Dean of Admissions and Records assists students in interpreting admissions requirements and in filing applications for admission. Problems concerning evaluation of transcripts should be directed to the Admissions and Records Office.

### *Occupational Counseling*

The College Counselor assists students in appraising their interests and aptitudes as a basis for selecting appropriate occupations. Psychological and vocational tests are used as needed. A library of occupational information is maintained, and each academic department gives occupational counseling pertinent to its field.

### *Academic Advising*

Each student is assigned to a major adviser who is responsible for helping him plan his academic program. The student uncertain of his choice of an academic major is assigned to the College Counselor until a definite academic goal is chosen.

### *Personal Counseling*

The College Counselor assists students who are failing to meet scholarship standards. Counseling and testing are designed to help students discover weaknesses and to plan remedial measures. The College Counselor also provides services for foreign students and for those with adjustment problems of a personal nature.

## SCHOLARSHIPS AND LOANS

Loan funds have been established through the generosity of organizations, groups, and individuals who by this means have demonstrated their interest in the welfare of students of the College. Eligibility is normally limited to those who carry full-time programs. In granting loans, consideration is given to financial need, scholastic standing, and character. Information and applications for scholarship and loan funds may be obtained from the Office of the College Counselor. Applications should be filed by May 20 for the Fall Semester and by January 10 for the Spring Semester.

Loan funds established for Stanislaus State College students include the following:

1. Eleventh District, California Congress of Parent-Teacher Association Scholarship, established for upper division students who are residents of Fresno, Madera, Mariposa, or Merced County.
2. Turlock Rotary Club Scholarship.
3. The Livingston Lions Club Loan Fund, established to assist graduates of Livingston High School.
4. Major Hugh Moss Chapter, D.A.R., Scholarship and Loan Fund.
5. The Merced Venture Club Loan Fund.
6. The Soroptimist Club of Turlock Loan Fund.
7. The White Scholarship and Loan Fund, established by Mr. & Mrs. Floyd E. White and Mr. & Mrs. Richard E. White.
8. The Oakdale Rotary Club Scholarship and Loan Fund, to assist students of the Oakdale area.
9. The J. Burton Vasche Fund, established in honor of the first president of Stanislaus State College.

Information on nationwide scholarships, fellowships, and loan funds is available from the College Counselor. Students needing financial assistance to pursue graduate work should see the College Counselor early in their senior year.

#### NATIONAL DEFENSE STUDENT LOAN PROGRAM

Stanislaus State College students who qualify may borrow up to \$1,000 a year to a maximum of \$5,000 under the National Defense Education Act of 1958. Prospective students should apply prior to registration. (See final application dates in the College Calendar.) Funds will be released to approved applicants upon completion of registration.

These loan funds are intended particularly for students with superior academic backgrounds who are interested in teaching. Preferential consideration is given by law to applicants with demonstrated capacities in science, mathematics, engineering, and modern languages. However, students in other fields may also apply.

The repayment period on these loans begins one year after the borrower ceases to be a full-time student. Interest is charged from the first day of the repayment period at the rate of 3 percent a year. Borrowers who become teachers in the public elementary or secondary schools may have 10 percent of their loans cancelled for each year of full-time teaching, up to a maximum of five years.

Inquiries should be directed to the Office of the College Counselor.

#### VETERANS ASSISTANCE

Stanislaus State College maintains liaison with the U.S. Veterans Administration and the California State Department of Veterans Affairs.

The Registrar assists veterans in conducting their relations with these agencies.

In order to enroll and obtain benefits under Public Law 550 ("Korean" GI Bill), a veteran must obtain a Certificate for Education and Training (VA Form VB 7-1993) from the Veterans Administration and present it to the Admissions and Records Office at the time of registration.

Veterans planning to attend the College under benefits available from the State of California (Cal Vet) must obtain the required authorization each semester from the State Department of Veterans Affairs, 700 Capitol Avenue, Sacramento 14, California.

Further information about veterans' programs may be obtained by writing to the Registrar, Stanislaus State College.

### HOUSING

Housing services are available at the College in the Office of the College Counselor. Listings of rooms, apartments, and houses are available to students and staff. Those interested in locating housing are encouraged to register early so that maximum assistance may be extended. No charge is made for housing services.

### PLACEMENT

The College provides placement services to assist qualified students and alumni in securing appropriate full-time or part-time employment. Placement services include: counseling on vocational selection and on techniques of applying for positions; preparation and forwarding of placement folders; and listing of available positions. Responsibility for actually seeking a position rests with the individual.

#### *Teacher Placement*

As a general rule a student becomes eligible for teacher placement when he has been accepted into a credential program or is recognized as having had the equivalent of student teaching experience and is recommended for placement services by the Division of Education. Confidential placement files should be initiated by students during the semester preceding student teaching. Detailed information pertaining to teacher placement is available in the Office of the College Counselor.

#### *Business and Professional Placement*

Placement services are available to students who have received degrees from Stanislaus State College or who will have completed a minimum of 24 semester units at the College in the field in which they seek placement prior to employment. It is recommended that students register for business or professional placement upon attaining senior standing. Additional information is available at the Office of the College Counselor.



### **Part-time and Summer Employment**

Students enrolled for seven or more units may register for placement in part-time jobs or summer employment. The College attempts to assist students in locating jobs as closely related as possible to their major interests.

### **STUDENT ACTIVITIES**

A program of activities is planned to satisfy a broad range of student interests. A representative student government serves as the official voice of the student body in its relations with the faculty and the administration. Student activities are closely coordinated with the academic program of the College and provide opportunities for the development of responsibility, leadership, and maturity. Membership in student organizations depends solely upon the qualifications of students without regard for race, color, religion, or national ancestry. Inquiries pertaining to student activities may be directed to the President of the Associated Students or to the Dean of Students.

### **ALUMNI**

The Alumni Association maintains a close tie with the College. It is organized for the following purposes:

1. To promote the mutual welfare of all members.
2. To maintain and strengthen bonds between the alumnus and the College to the mutual benefit of both through the stimulation of continual intellectual growth.
3. To encourage creativity and research in all areas.
4. To provide avenues by which the alumnus may contribute to the advancement of knowledge.
5. To assist the College in developing its human and material resources, with the objective of achieving the highest standards of academic excellence.

Inquiries concerning alumni activities may be directed to the Stanislaus State College Alumni Association, in care of the College.

### **STANISLAUS STATE COLLEGE FOUNDATION**

The Stanislaus State College Foundation has been organized to provide essential services which cannot be provided from State appropriations. On behalf of the College the Foundation receives private gifts and public grants. These include contributions to loan and scholarship funds, the library, laboratories, and special collections, as well as research grants and general donations. The Foundation also maintains the College Bookstore and the College food service.

# GENERAL REQUIREMENTS FOR BACCALAUREATE DEGREES

## GENERAL REGULATIONS

During the 1963-1964 academic year, Stanislaus State College is authorized to grant the Bachelor of Arts degree and the Bachelor of Education degree.

*Election of Regulations.* A student remaining in continuous attendance in regular sessions and continuing in the same program may, for purposes of meeting graduation requirements, elect to meet the graduation requirements in effect either at the time of his entering the program or at the time of his graduation.

*Application for Graduation.* A candidate for a degree should submit an application for graduation to the Admissions and Records Office when two semesters remain to complete requirements for his degree. In any case students should not apply later than the date indicated in the College Calendar.

*Faculty Approval.* After approval of the major adviser and department and/or division concerned, a favorable vote of the Faculty is required before the College may award a degree.

*Graduation with Honors.* Candidates for a degree who complete their undergraduate programs with a 3.5 (B+) cumulative college grade point average or higher, and a 3.5 Stanislaus State College grade point average or higher, are graduated "With Honors."

## SUMMARY OF REQUIREMENTS FOR BACCALAUREATE DEGREES

To qualify for a baccalaureate degree a student must satisfy specific requirements in the following nine areas:

### 1. Units

A minimum of 124 semester units is required for the baccalaureate degree. The Bachelor of Arts degree also requires a minimum of 40 units in courses with upper division credit.

### 2. Residence

To be granted a baccalaureate degree, a student must complete a minimum of 24 units in residence at this College. For the Bachelor of Arts degree at least 12 of these 24 units must be completed among the last 20 units taken in fulfillment of requirements. For the Bachelor of Education degree at least 12 of these 24 units must be earned after the completion of 90 semester units.

Credit in summer sessions may be counted as residence credit on a unit for unit basis. Credit for extension courses or credit by examination cannot be counted as residence credit.

### 3. Scholarship

Each student shall complete with a grade point average of 2.0 (C) or better (a) all acceptable college units attempted, (b) all units attempted in his major, and (c) all units attempted at this College.

### 4. General Education

A total of 45 units, distributed in the following manner, is required for a baccalaureate degree:

(1) Social sciences—9 units, including course work (or demonstrated proficiency) in United States History and Constitution, and California State and Local Government. To fulfill this requirement courses must be selected from at least two of these fields: anthropology, economics, geography, history, political science, sociology, and similar fields.

(2) Natural sciences—9 units, including at least one course in each of the following fields: biological sciences; physical sciences. Course work in mathematics is applicable only as specified in paragraph (7).

(3) Literature, philosophy, or the arts—6 units. At least 3 of these 6 units must be in literature or philosophy.

(4) Health and physical education—2 units.

(5) Oral and written expression—3 units. While courses in either oral or written expression may fulfill this requirement, the College strongly recommends that all students take both.

(6) General psychology—2 units.

(7) Additional units in General Education—14 units. These units may be distributed in whole or in part among the preceding six subject areas and may include courses in mathematics, family life education, and a maximum of 6 semester units in foreign language.

### 5. Liberal Arts

In addition to the 45 unit General Education requirement, a candidate for a Bachelor of Arts degree must complete a total of 24 units in Liberal Arts outside the division of his major, of which at least 12 shall be units carrying upper division credit. Liberal Arts courses are defined as those within the fields of creative arts, humanities, mathematics, natural sciences, and social sciences. A maximum of twelve Liberal Arts units may be taken in any one department; these units may also count toward a minor. The completion of this requirement is subject to approval of the major adviser and the department and/or division concerned.

The college cannot require students seeking the Bachelor of Education degree to complete the Liberal Arts requirement. These students may satisfy the *Administrative Code* regulation by completing a minimum of 15 units in the following fields: (1) art, (2) English and speech; (3) physical education, health and hygiene, (4) mathematics, (5) music, (6) social science, and (7) natural science. Not less than 2 units shall be completed in each of at least four of these fields. The total of 15 units shall be in addition to the 45 units required in General Education.

## 6. Major

The major consists of a pattern of courses prescribed by the department or division concerned, totaling not less than 36 units for a divisional major and not less than 30 units for a departmental major, with the exception of a major in elementary education which requires 24 units. At least 18 units as specified by departmental/divisional requirements must be in upper division course work.

A minimum of 24 units taken for fulfillment of a major requirement must be exclusive of the units counted for fulfillment of the General Education requirement.

Departmental majors for a Bachelor of Arts degree may be completed in any of the following fields:

Art	Music
Biological science (concentration in biology or zoology)	Physical science
Elementary education	Spanish
English (concentration in American or English literature)	Speech and drama (concentration in public speaking, discussion and debate, or speech pathology and audiology)
History	
Mathematics	

Divisional majors for a Bachelor of Arts degree may be completed in either of the following:

Business (concentration in accounting, management, or marketing)	Social science (concentration in economics, history, political science, psychology or sociology-anthropology)
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All course work taken in fulfillment of the major requirement is subject to approval of the major adviser in the department and/or division concerned.

*Note:* Students interested in completing a major in Elementary Education for a Bachelor of Arts or a Bachelor of Education degree should see pages 60 and 61 for restrictions on admission to these programs.

## 7. Minor

Completion of a minor is a requirement for a Bachelor of Arts degree when required by the department or division of the major. A minor is a pattern of prescribed course work consisting of a minimum of 6 upper division units and a minimum total of 12 units in a subject area acceptable to the major adviser and the departments and/or divisions concerned. This subject area normally shall consist only of courses taken within a single department.

Departmental and divisional minors normally require one-half of the number of units required for a major within that department or division. If the minor is in a Liberal Arts field outside of the division of the student's major, up to 12 units of the Liberal Arts requirement may count toward fulfilling the minor requirement. Course work taken in fulfillment of the General Education requirement may also apply toward a minor.

**8. Departmental and Divisional Requirements**

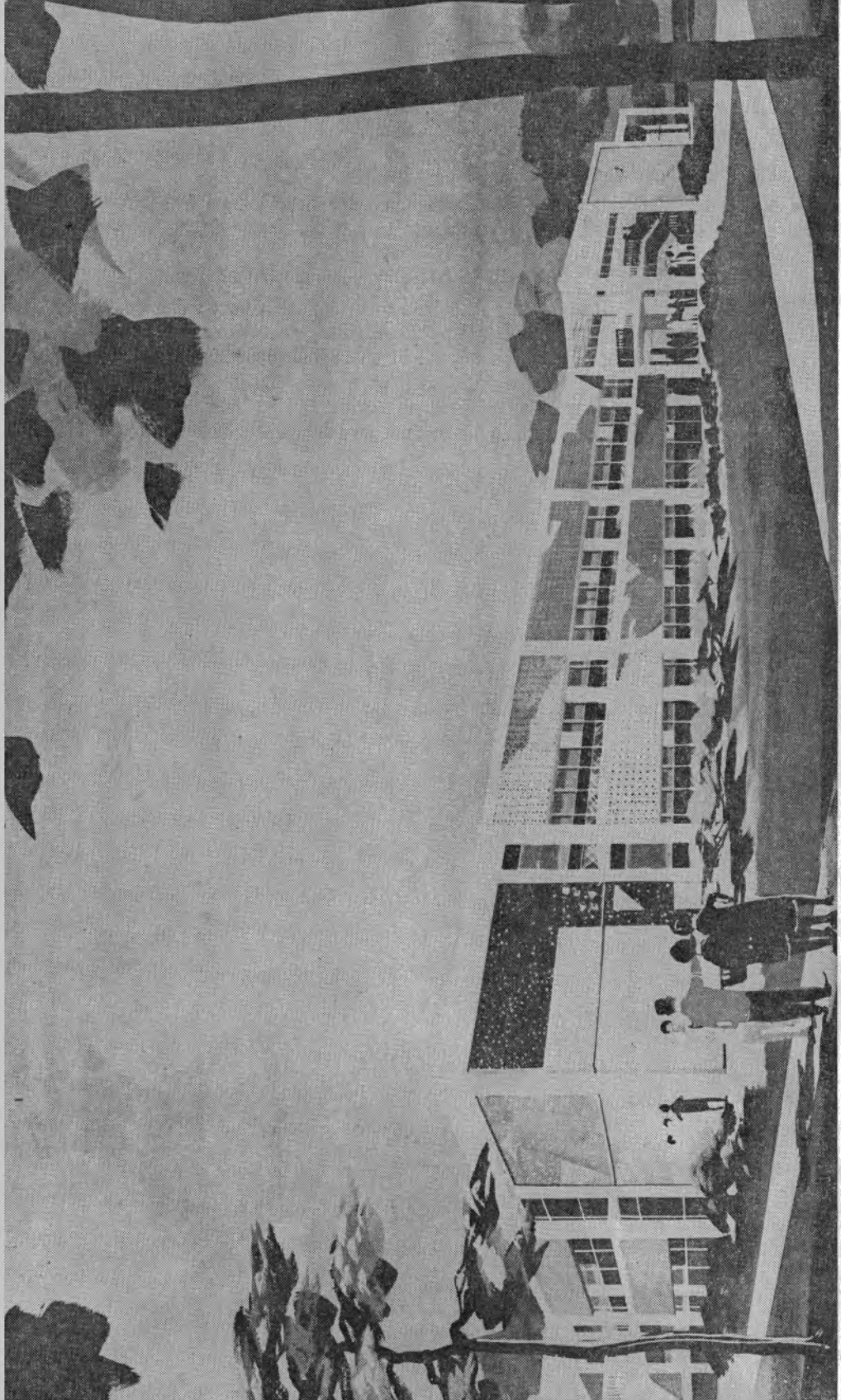
All requirements of the department or division of the major must be completed to qualify for a baccalaureate degree.

**9. All College Regulations**

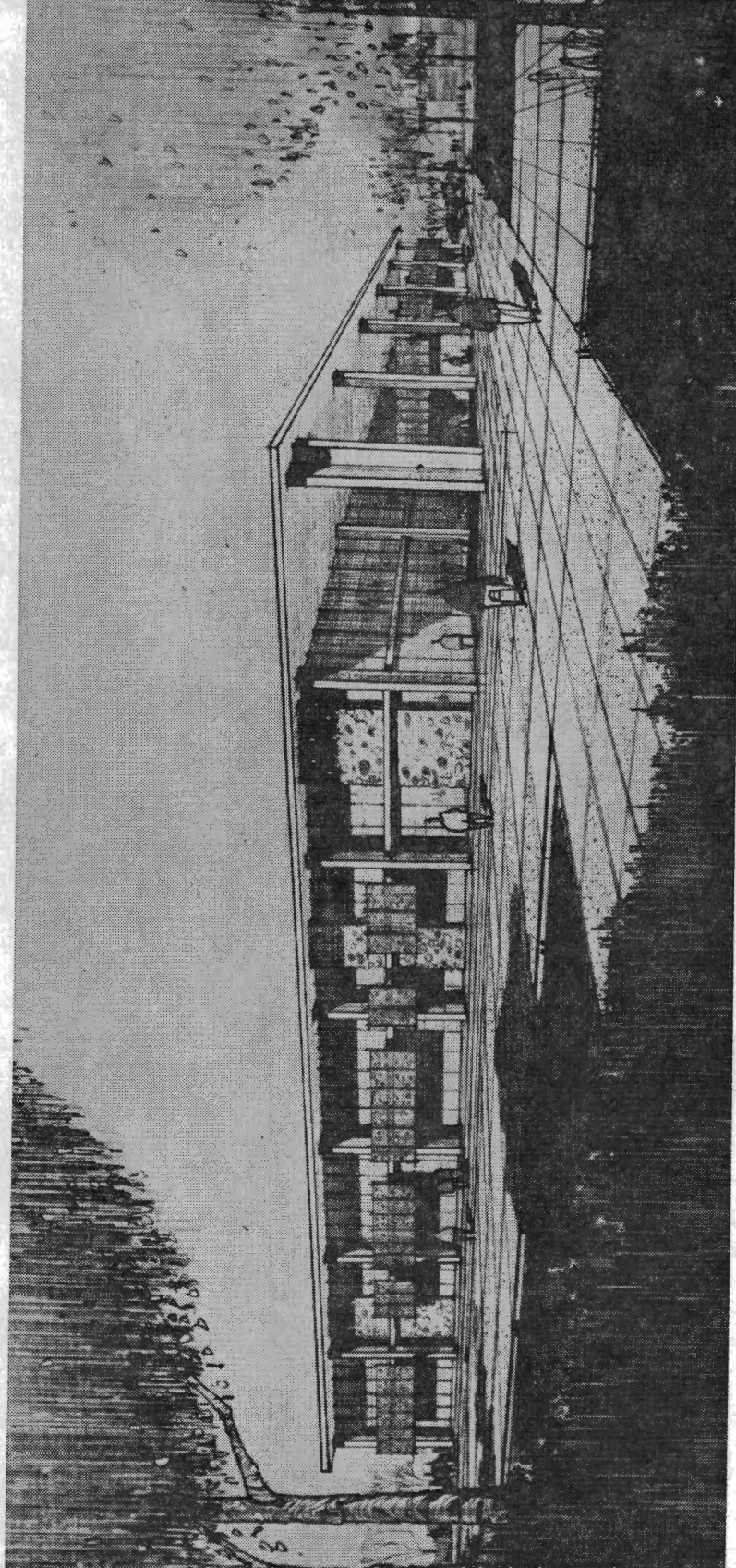
Compliance with all regulations prescribed by the College is a requirement for graduation with a baccalaureate degree.

**MASTER'S DEGREES**

Stanislaus State College is not authorized to grant the master's degree. Developments during the past year make indefinite the date at which it will be authorized to grant the degree in any specific department or division. Admission to graduate courses does not constitute admission to candidacy for a master's degree, and no assurance can be given that courses taken in graduate status will be accepted toward a degree program.



Future SSC Classroom Building



**Future SSC Library Building**

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**DEPARTMENTS AND DIVISIONS**

**COURSE NUMBERING SYSTEM**

**DEGREE REQUIREMENTS**

**COURSE DESCRIPTIONS**

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## COURSE NUMBERING SYSTEM

### *Present Numbering System*

- 100-299 Lower division courses designed primarily for freshmen and sophomores.
- 300-499 Upper division courses designed primarily for juniors and seniors and for graduate students.
- 500-699 Graduate level courses, open to those with bachelor degrees with adequate preparation.

### *Former Numbering System*

Prior to Fall Semester, 1963, the course numbering system was as follows:

- 3000-4999 Upper division courses designed primarily for juniors and seniors and for graduate students.
- 5000-5999 Graduate level courses, open to those with bachelor degrees with adequate preparation.

### *Designation of Graduate Level Credit*

Beginning with the Spring Semester, 1963, appearance of the letter "G" following a course title on an official transcript of a student indicates graduate level credit.

### *Special Course Numbers*

For uniformity, certain types of courses have been listed under a single number by all departments and divisions as follows:

- 492 and 592 ..... Workshops
- 494 and 594 ..... Field work
- 498 and 598 ..... Individual study
- 499 and 599 ..... Thesis

### *Explanation of Course Notations*

The notations used in describing courses listed under the various divisions or departments are as follows:

1. The figure in parentheses following the course title indicates the number of units for the course. Courses allowing varying units are indicated as (2-4), (1-6), etc.
2. The letter "F" following the number of units indicates the course is offered during Fall Semester; "S" indicates the course is offered during Spring Semester.
3. A number, such as '65, following "F" or "S" indicates the year a course is to be offered.
4. A notation, such as (Formerly 4502), at the end of a course description indicates the course was previously numbered 4502.

## ART DEPARTMENT

### *In the Division of Creative Arts*

RICHARD B. REINHOLTZ, Head

The Art Department provides opportunities for development of individual creative potential through study and experience in both two-dimensional and three-dimensional media. It provides appropriate experiences for students seeking a state teaching credential, and prepares students for studies beyond the bachelor's degree.

The Bachelor of Arts degree in Liberal Arts—Art and Music, when obtained in this department, leads to advanced study and a career in one of the following fields:

Architecture	Industrial design
Commercial design	Interior design
Drafting	Model making
Teaching	Motion pictures
Museum curatorships	Photography
Fine arts	Printing

#### *Departmental Requirements for Bachelor of Arts*

Art majors are to

1. Complete the General Requirements for the Baccalaureate Degree. (See page 36.)
2. Complete a major of not less than 30 semester units, of which a minimum of 24 must be in the upper division. Students seeking the special secondary credential in Art must complete 40 units in Art, of which 32 are upper division courses.
3. Complete course requirements as specified in the table on page 46.
4. Develop in consultation with the head of the Art Department a program of study to be completed in specific fields of specialization.
5. Present in their senior year an exhibit of their work which shows significant growth and development in all aspects of the curriculum.
6. Fulfill a requirement in a minor to be chosen in consultation with the Department Head.

## REQUIREMENTS AND RECOMMENDATIONS FOR DEGREE AND CREDENTIALS

### ART DEPARTMENT

	Degree Major	Special Sec. Cred. Major	Degree Minor	General Secondary Minor
<b>Recommended Lower Division</b>				
<i>Preparation.</i>				
Elements of design and materials .....	3	3	—	—
Fundamentals of photography .....	3	3	—	—
<i>Required Courses</i>				
ART 201-202. Essentials of Visual Expression				
I-II .....	4	4	4	4
ART 320. Arts in Contemporary Society .....	3	3	3	3
ART 325-326. Art History I-II .....	6	6	3	3
Art studio block (See Course Descriptions) ...	8	12	2	6
Art appreciation block .....	3	6	—	—
ART 384. Art Experience in the Elementary				
School .....	—	2	—	2
ART 480. Art Education .....	—	2	—	2
Art electives .....	6	5	—	—
.....	—	—	—	—
Total units .....	36	46	12	20

### COURSE DESCRIPTIONS

#### ART 201. Essentials of Visual Expression I (2) F

An introduction to the fundamental concepts and experiences of visual aesthetic expression with emphasis on the design qualities inherent in two-dimensional experiences.

#### ART 202. Essentials of Visual Expression II (2) S

An introduction to the fundamental concepts and experiences of visual aesthetic expression with emphasis on the design qualities inherent in three-dimensional experiences.

#### ART 498. Individual Study (1-4) F, S

(Formerly 4560) Prerequisite: Approval of the instructor.

#### ART 598. Individual Study (1-4) F, S

(Formerly 5560) Prerequisite: Approval of the instructor.

### ART EDUCATION BLOCK

#### ART 384. Art Experience in the Elementary School (2) F, S

Study of a variety of two- and three-dimensional, visual non-verbal experiences as an integral need in the daily lives of children. Emphasis on creativity as a means toward a more valuable school curriculum. (Formerly 3553)

#### ART 480. Art Education (3) F

Contemporary trends in art education. Development, selection, and organization of teaching materials and procedures on elementary and secondary levels; observation and participation. Does not fulfill General Education or Liberal Arts requirements.

#### ART 486. Art Experiences for the Exceptional Child (1-4) S

Study of various types of materials, activities, and programs suitable for the exceptional child to realize his creative potentials in the field of art.

## STUDIO BLOCK

### ART 360. Studio in Painting (2) F, S

Problems in expressing and communicating esthetically significant statements in the various painting media. (Formerly 3556) Prerequisite: ART 201.

### ART 362. Studio in Printmaking (2) S

Problems in expressing and communicating esthetically significant statements through relief, intaglio, stencil, planographic, and batik print processes. (Formerly 3557) Prerequisites: ART 201 and ART 202.

### ART 365. Studio in Pottery, Ceramics, and Sculpture (2) F

Problems in developing and communicating esthetically significant statements in clay, plaster, wood, and metals. (Formerly 3558 and 3559) Prerequisites: ART 201 and ART 202.

### ART 450. Painting for Expression (2) F, S

Exploration in the various painting media for those enjoying aesthetic creative experiences. Not open to ART majors. (Formerly 4565)

### ART 460. Advanced Studio in Painting (2) F, S

Advanced problems in expressing and communicating esthetically significant statements in the various painting media. (Formerly 4556) Prerequisite: ART 360.

### ART 465. Advanced Studio in Pottery, Ceramics, and Sculpture (2) F

Advanced individualized problems in clay as a creative material: modeling, sculpture, the wheel, decorating, glazing, and firing. (Formerly 4558 and 4559) Prerequisite: ART 365.

## APPRECIATION BLOCK

### ART 320. Arts in Contemporary Society (3) F, S

Character and function of contemporary art in today's society as it relates to individual creativity; critical appreciation of recent trends in visual art. (Formerly 4561)

### ART 325. Art History I (3) F

A comparative analysis and interpretation of the art forms from prehistoric times through the Roman and Gothic eras. (Formerly 3551)

### ART 326. Art History II (3) S

A comparative analysis and interpretation of the art forms from the Renaissance and subsequent eras to today's contemporary art. (Formerly 3552)

### ART 427. Art of the Americas (3) F

A study of the significant trends, schools, and styles of art of the Americas from Pre-Colombian through contemporary art forms.

# BIOLOGICAL SCIENCE DEPARTMENT

*In the Division of Science-Mathematics*

—JAMES C. HANSON, Head

The Department of Biological Science provides programs of study for students seeking the Bachelor of Arts degree, and for students seeking a foundation for advanced degrees and careers in the biological sciences. Certain elective courses are offered for students majoring in other departments, as well as other courses which may serve as a basis for professional work in related fields.

## *Departmental Requirements for the Bachelor of Arts*

The minimum requirements for a Biological Science major, whether as preparation for teaching or advanced study, are as follows:

1. Complete the General Requirements for the Baccalaureate Degree. (See page 36.)
2. Complete a concentration in biology or zoology consisting of the following courses or their equivalents: \*

### *Lower Division Supporting Courses*

One year sequence of general college chemistry..... (8-10 units)  
 One year sequence of general college physics..... (6-8 units)

### *The Major*

#### *Biology Concentration*

General biology, general botany, or general zoology (year sequence).....	6-8	
ZOOL 212. Comparative Anatomy of Vertebrates } .....	4	
<i>or</i>		
ZOOL 313. Vertebrate Embryology } .....	4	
ENTO 300. Principles of Entomology.....	3	
BOTY 301. Structure of Flowering Plants } .....	3	
<i>or</i>		
BOTY 321. Plant Physiology } .....	3	
BIOL 332. Genetics } .....	3	
<i>or</i>		
BIOL 333. Evolution } .....	3	
ZOOL 422. General and Comparative Physiology.....	4	
ZOOL 443. Invertebrate Zoology.....	5	
ZOOL 453. Cellular Biology.....	3	
BIOL 496. Undergraduate Seminar in Biology.....	1	
Biological Science electives.....	4	
Total units.....		36-38

\* Students planning to elect Biological Science as a major should complete at least a one-year course in general biology, including laboratory. For more adequate background, a year in both general botany and general zoology may be taken. Students selecting a zoology emphasis should complete at least a year's course in general zoology; supporting courses in botany are also recommended.

### Zoology Concentration

General biology or general zoology (year sequence) .....	6-8
ZOOL 212. Comparative Anatomy of Vertebrates .....	4
ENFO 300. Principles of Entomology .....	3
ZOOL 313. Vertebrate Embryology .....	4
BIOL 332. Genetics	}
or	
BIOL 333. Evolution .....	3
ZOOE 422. General and Comparative Physiology .....	4
ZOOL 443. Invertebrate Zoology .....	5
ZOOL 453. Cellular Biology .....	3
BIOL 496. Undergraduate Seminar in Biology .....	1
Biological Science electives .....	3
Total units .....	
	36-38

3. Complete a minor to be chosen in consultation with the major adviser. Students intending to seek a secondary credential with a major in Biological Science should select a minor in chemistry or physics. It is recommended that all students who plan to seek advanced degrees select a chemistry or physics minor and complete at least a one-year sequence in a foreign language, preferably German or French.

#### Requirements for Minor in Biological Science

Basic minimum requirements for a minor in the Biological Sciences are as follows:

1. One course elected from each of the following groups, subject to approval of the Department.

##### Group A

BIOL 332. Genetics	}		3
BIOL 333. Evolution			
BIOL 463. Ecology			

##### Group B

BOTY 301. Structure of Flowering Plants	}		3
BOTY 321. Plant Physiology			

##### Group C

ZOOL 212. Comparative Anatomy of Vertebrates	}		4
ZOOL 313. Vertebrate Embryology			
ZOOL 422. General and Comparative Physiology			

2. Biological Science electives: Entomology and bacteriology are recommended .....

Total units .....	16
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## COURSE DESCRIPTIONS

### BIOLOGY

#### **BIOL 300. Concepts of Life Sciences** (3) F '63, S '64

A General Education survey course designed for non-science majors. Includes the basic principles and interrelationships of living organisms. (3 lecture hours) (Formerly 3630) No prerequisite.

#### **BIOL 332. Genetics** (3) F

Introduction to the mechanisms of inheritance and the relationships of heredity to fundamental biological problems as well as the application to practical problems, including those of human society. (3 lecture hours) Prerequisite: College biology or equivalent.

**BIOL 333. Evolution** (3) S

Basic concepts of evolutionary theory, including the evidences and mechanisms that underlie and support the evolution of living things. (2 lecture hours, 1 discussion hour) Prerequisite: College biology or equivalent; BIOL 332 is recommended but not required.

**BIOL 463. Ecology** (3) S '65

Basic interrelationships of plants and animals within their physical and biological environments. (3 lecture hours) (Formerly 4641) Prerequisite: 1 year of upper division biology.

**BIOL 495. History and Philosophy of Biology** (3) F '63

Rise and development of biological theories and laws. (3 lecture hours) (Formerly 4630) Prerequisite: 1 year of upper division biology.

**BIOL 496. Undergraduate Seminar in Biology** (1) F, S

Prerequisite: Approval of Department Head.

**BIOL 498. Individual Study** (2-4) F, S

(Formerly 4651) Prerequisite: Approval of instructor.

### BOTANY

**BOTY 301. Structure of Flowering Plants** (3) S

Study of structure, kinds, taxonomic relationships, and classification of local flowering plants with practice in their collection and identification. (1 lecture hour, 6 laboratory hours) (Formerly 3641) Prerequisite: College biology or equivalent.

**BOTY 321. Plant Physiology** (3) S '64

Analysis of selected topics pertaining to the metabolism, nutrition, and growth of plants. (3 lecture hours) (Formerly 3642) Prerequisite: College botany or equivalent or approval of instructor; organic chemistry is recommended but not required.

### ENTOMOLOGY

**ENTO 300. Principles of Entomology** (3) S

Studies in the classification, life history, structure and basic physiology of insects. (2 lecture hours, 3 laboratory hours) (Formerly 3632) Prerequisite: College biology or equivalent.

**ENTO 495. Selected Topics in Entomology** (2-4) F, S

Prerequisite: College entomology or approval of instructor.

### ZOOLOGY

**ZOOL 212. Comparative Anatomy of Vertebrates** (4) S

Gross dissection and comparison of organ systems in representative vertebrates. (2 lecture hours, 6 laboratory hours) Prerequisite: College zoology.

**ZOOL 313. Vertebrate Embryology** (4) F

Comparative study of the development of several representative vertebrate forms. (2 lecture hours, 6 laboratory hours) (Formerly 3634) Prerequisite: College zoology.

**ZOOL 422. General and Comparative Physiology** (4) F

Discussion of function both at the cellular and organizational levels. Emphasis is placed on comparison of physiological systems among major animal groups. (2 lecture hours, 6 laboratory hours) Prerequisite: College zoology; organic chemistry is recommended but not required.

**ZOOL 443. Invertebrate Zoology** (5) S

Structure, classification, distribution and life histories of the invertebrates. (3 lecture hours, 6 laboratory hours) (Formerly 4632) Prerequisite: 1 year of zoology.

**ZOOL 444. General Parasitology (4) F '64**

Studies on parasitism with emphasis on the parasites of man. (2 lecture hours, 6 laboratory hours) (Formerly 4631) Prerequisite: ZOOL 443 or approval of instructor.

**ZOOL 451. Histological and Cytological Techniques (3) F**

Principles and practice in the methods of preparing tissues for microscopic study. (1 lecture hour, 6 laboratory hours) (Formerly 4650) Prerequisite: 2 years of biology.

**Zool 453. Cellular Biology (3) F**

Physics and chemistry of protoplasm; cellular physiology; chromosomes in genetics and evolution; physiology of the gene. (Formerly 5633) (2 lecture hours, 3 laboratory hours) Prerequisite: 1 year of upper division biology; organic chemistry is recommended but not required.

**ZOOL 495. Selected Topics in Zoology (2-4) F, S**

Prerequisite: 2 years of zoology or approval of instructor.





# DIVISION OF BUSINESS

THOMAS P. BARRETT, Chairman

The Division of Business offers curricula designed to provide (1) professional training for those planning to seek careers in the business community; (2) a firm educational foundation for those planning to undertake graduate study; (3) a sound education in business subjects for those planning to enter the teaching profession. To accomplish these objectives, the curricula offered by the Division of Business are specifically designed to give each student:

1. A broad, liberal education.
2. A basic understanding of the operation of a business enterprise.
3. An understanding of the environment in which business exists, and of which it is a part.
4. A degree of specialized training in a selected area of concentration.

## *Divisional Requirements for the Bachelor of Arts*

Students seeking the Bachelor of Arts degree in Liberal Arts-Business Administration must:

1. Complete the General Requirements for the Baccalaureate Degree. (See page 36.)
  2. Complete a Business major consisting of:
    - a. Lower Division Business Courses (See page 54.)..... 9
    - b. Upper Division-Business Core (See page 54.)..... 15
    - c. Upper Division courses in a selected Area of Concentration (See page 54.)..... 12
- Total units ..... 36
3. Complete specified courses in Supporting Fields. See page 54.)

No minor is required of Business majors.

## *Recommendations for Lower Division Preparation*

In general, prospective Business majors should emphasize General Education and Liberal Arts during the first two years, thus laying a foundation upon which the professional program can be built.

Elective courses should be chosen in the following areas: behavioral sciences, economics, English, mathematics..

All students who plan to major in Business should complete the following courses:

### *Business Courses*

Principles of accounting.....	6
Business law .....	3
Total units .....	9

*Courses in Supporting Fields*

Oral communication .....	3
Written communication .....	3
Principles of economics .....	6
Elementary statistics .....	3
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Total units .....	15

*Upper Division*

All students majoring in Business must complete the following courses:

*Business Core Courses*

BUS 302. Human Elements of Business .....	3
BUS 313. Managerial Accounting (Students concentrating in Accounting will substitute BUS 311.) .....	3
BUS 322. Business Finance .....	3
BUS 341. Basic Marketing .....	3
BUS 408. Business Policy .....	3
<hr/>	
Total units .....	15

*Courses in Supporting Fields*

ECON 331. Managerial Economics .....	3
MATH 362. Inferential Statistics .....	3
<hr/>	
Total units .....	6

**AREAS OF CONCENTRATION**

(Required Courses)

*Accounting*

BUS 312. Intermediate Accounting II .....	3
BUS 315. Cost Accounting .....	3
BUS 411. Advanced Accounting .....	3
At least one of the following:	
BUS 316. Cost Analysis and Control	} .....
BUS 317. Advanced Business Law	
BUS 412. Auditing	
BUS 414. Income Tax Accounting	
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Total units .....	12

*Management*

BUS 331. The Process of Management .....	3
BUS 332. Emerging Concepts in Management .....	3
ECON 452. Industrial Organization and Public Policy .....	3
At least one of the following:	
BUS 431. Personnel Management	} .....
BUS 433. Production Management	
<hr/>	
Total units .....	12

*Marketing*

BUS 342. Marketing Strategy .....	3
BUS 401. Business Research .....	3
BUS 444. Problems of Marketing Management .....	3
At least one of the following:	
BUS 441. Marketing Institutions	} .....
BUS 443. Sales Management	
<hr/>	
Total units .....	12

### Minor in Business

Students electing a minor in Business must complete the following courses:

Principles of accounting (lower division).....	3
BUS 302. Human Elements of Business.....	3
BUS 322. Business Finance .....	3
BUS 341. Basic Marketing .....	3
ECON 331. Managerial Economics .....	3
<b>Total units</b> .....	<b>15</b>

### Teaching Credentials

The Division of Business cooperates with the Division of Education in offering preparation for the General Secondary Credential. The General Secondary Credential Curriculum is a five year program. In order to qualify for this credential, a student must complete satisfactorily certain specified courses in Education as well as all requirements for the degree. Students seeking the General Secondary Credential must work jointly with the Divisions of Business and Education in order to plan a suitable program.

### COURSE DESCRIPTIONS

#### **BUS 302. Human Elements of Business (3) S**

Study of the human resources of business organizations and the human relations involved in their administration. (Formerly 3246) Prerequisites: General psychology; ECON 331.

#### **BUS 311. Intermediate Accounting I (3) F**

A critical review of accounting theory in its application to income determination and presentation of financial position for the business firm. (Formerly 3210) Prerequisite: Principles of accounting (6 semester units)

#### **BUS 312. Intermediate Accounting II (3) S**

A continuation of Intermediate Accounting I with particular emphasis on the accounting for facilities investment, borrowed and equity capital, and managerial analysis of financial data. (Formerly 3211) Prerequisite: BUS 311.

#### **BUS 313. Managerial Accounting (3) F**

A study of the use and analysis of accounting and financial data by management for planning, control and decision-making. (Formerly 4211) Prerequisite: Principles of accounting (6 semester units). Non-accounting majors only.

#### **BUS 315. Cost Accounting (3) F**

A comprehensive study of the principles and objectives of cost accounting, with particular emphasis on its use in managerial planning, control and decision-making. (Formerly 4212) Prerequisite: Principles of accounting (6 semester units).

#### **BUS 316. Cost Analysis and Control (3) S**

A study of the techniques of cost analysis and control, including budgeting, estimated and standard costs, distribution and administrative costs, differential costs, profit planning, direct costs, and pricing policies. (Formerly 4213) Prerequisite: BUS 315.

**BUS 317. Advanced Business Law (3) F**

Study of the law of business, with particular emphasis on the laws relating to personal property, bailments, negotiable instruments, partnerships, corporations, real property and insurance. (Formerly 4250) Prerequisite: Business law (3 semester units).

**BUS 322. Business Finance (3) S**

Consideration of the problems of business financial management. Covers topics such as: the finance function, sources and uses of funds, cost of capital, capital structure. (Formerly 4230) Prerequisites: ECON 331; BUS 313 or BUS 311.

**BUS 331. The Process of Management (3) F**

Nature of management, its role, responsibilities, and functions. The process of management: decision-making, planning, programming, directing, controlling, re-appraising. (Formerly 3231) Prerequisite: General psychology.

**BUS 332. Emerging Concepts in Management (3) S**

Critical analysis and comparison of the traditional approaches to management and the findings of modern research in this area. (Formerly 3234) Prerequisite: BUS 331.

**BUS 341. Basic Marketing (3) F**

Examination of the marketing process with emphasis on the management point of view. Consideration is given to the role played by marketing in the economy; the dynamics of consumer motivation and behavior, and the problems confronted by the business firm in establishing an overall marketing program. (Formerly 3240) Prerequisites: Principles of economics (6 semester units); general psychology.

**BUS 342. Marketing Strategy (3) S**

Analysis of marketing tasks of the firm. The work of the marketing manager, the role of research, the elements of marketing strategy: price, product, promotion and channel policies. (Formerly 3245) Prerequisites: BUS 341, ECON 331.

**BUS 401. Business Research (3) F**

Methods and materials of research in business. Sources of information. Role of research in business. Study of both qualitative and quantitative methods. Each student will carry out a selected research study. (Formerly 4244) Prerequisite: MATH 362.

**BUS 408. Business Policy (3) S**

Analysis of problems of the business enterprise from the standpoint of the chief executive. Consideration of major company objectives, policies, and programs. (Formerly 4233) Prerequisite: Open only to graduating seniors in Business.

**BUS 411. Advanced Accounting (3) F**

Application of accounting principles to the accounting for partnerships, installment sales, consignments, insolvency, estates, trusts, and business combinations. (Formerly 4210) Prerequisite: BUS 312.

**BUS 412. Auditing (3) S**

Broad study of standards and procedures applicable to the financial examination of business records, including a consideration of the field of public accounting, professional ethics, internal controls, preparation of working papers, and audit reports. (Formerly 4214) Prerequisites: BUS 312; BUS 315.

**BUS 414. Income Tax Accounting (3) S**

A study of history and philosophy of current federal income tax law and the procedures for determining the income tax liability of individuals and business firms. (Formerly 4216) Prerequisite: Principles of accounting (6 semester units).

**BUS 431. Personnel Management (3) F '63 \***

Study of policies and practices which are designed to improve human relationships within the organization. Recruitment, selection and training, job analysis and evaluation, transfer and promotion of employees, wage and salary administration, labor turnover, etc. (Formerly 4262) Prerequisite: BUS 302.

**BUS 433. Production Management (3) F '64 \***

Consideration of production problems of a managerial nature: production planning and control; product development; simplification and standardization; procurement; materials handling; methods improvement; impact of technological change. (Formerly 4236) Prerequisites: BUS 331; MATH 362; ECON 331.

**BUS 441. Marketing Institutions (3) F '64 \***

Study of the role of wholesale and retail institutions in the economy, and functions they perform in distribution of goods from producer to ultimate consumer. (Formerly 4229) Prerequisite: BUS 342.

**BUS 443. Sales Management (3) F '63 \***

Planning, direction, and control of sales personnel and sales promotion activities; sales management is approached as an integral element of overall marketing program of a firm. (Formerly 4242) Prerequisite: BUS 342.

**BUS 444. Problems of Marketing Management (3) S**

Analysis of current problems in marketing with emphasis on problem solving and decision making. Extensive use of business cases. (Formerly 4243) Prerequisite: BUS 441 or BUS 443.

\*Offered alternate years only.

# ECONOMICS DEPARTMENT

## *In the Division of Social Sciences*

Students seeking a bachelor of arts degree in Liberal Arts—Social Science, with concentration in Economics (at least 12 upper division units) may arrange their programs to prepare for several different objectives, such as: (1) a broad knowledge of economics for intelligent living and citizenship, and as the central element in a liberal arts education; (2) a basic knowledge of economics as preparation for economic and market analysis in business, labor organizations, and government; (3) pre-professional education preliminary to entering law or business schools; and (4) a fundamental knowledge of economics as preparation for teaching and/or later specialization at the graduate level.

### *Departmental Requirements for Bachelor of Arts*

See Division of Social Sciences, Divisional Requirements for Bachelor of Arts.

### *Minor in Economics*

Fifteen units are required, including at least 9 units in upper division courses.

## COURSE DESCRIPTIONS

### **ECON 203. Concepts of Economics (3) F**

Intensive survey of economic principles and analysis. Not open to students who have had principles of economics.

### **ECON 311. Economic History of the United States (3) F '63**

Comprehensive survey of American economic development and of national legislation in the field of industry and commerce. May be counted for history credit. (Formerly 3721) Prerequisite: Basic economics course or approval of instructor.

### **ECON 312. Economic History of Europe (3) F '64**

General survey of economic development in Europe from the Middle Ages to the present. May be counted for history credit. Prerequisite: Basic economics course or approval of instructor.

### **ECON 331. Managerial Economics (3) F**

Designed to develop the ability to understand and to employ those concepts, tools, and methods of economic analysis which bear directly on the management of a business firm in a free enterprise economy. Consideration is given to the basic characteristics of the business firm, types of competition, mechanics of profit maximization, demand analysis, cost analysis. (Formerly 3702) Prerequisite: Basic course in economics or approval of instructor.

### **ECON 332. Money and Banking (3) S**

Characteristics and functions of money and credit, banks and banking systems, price movements, international payments, monetary theory and policies. (Formerly 3706) Prerequisite: Basic course in economics or approval of instructor.

### **ECON 401. History of Economic Thought (3) F**

Development of economic ideas from Adam Smith to present day. (Formerly 4701) Prerequisite: Basic course in economics or approval of instructor.

**ECON 405. Comparative Economic Systems (3) S**

Economic aspects of laissez faire compared with regulated capitalism, cooperatives, socialism, communism, and fascism. Experience in Germany, Great Britain, Russia, and the United States. (Formerly 4702) Prerequisite: Basic course in economics or approval of instructor.

**ECON 452. Industrial Organization and Public Policy (3) S**

Public policies relative to the stimulus and control of industry and commerce. Analysis of antitrust laws, fair trade laws, and unfair trade practices. (Formerly 4704) Prerequisite: Basic course in economics or approval of instructor.

**ECON 454. Public Finance (3) S '64**

Principles and practices of taxation and public expenditures. Economic effects of public spending, debts, and taxation. Financing Social Security; relationship of fiscal policy to prosperity. (Formerly 4703) Prerequisite: Basic course in economics or approval of instructor.

**ECON 498. Individual Study (1-4) F, S**

Prerequisite: Approval of instructor before registration.



## DIVISION OF EDUCATION

LLOYD E. BEVANS, Chairman

The Division of Education offers curricula for the preparation of elementary and secondary teachers. It also offers programs for the preparation of administrators and supervisors, guidance personnel, and teachers of exceptional children.

The program of professional education is designed to prepare students with the competencies needed for successful work within the range of services authorized by credentials. Instruction in the credential programs is deeply rooted in a thorough understanding of the purposes of American education; the nature of our modern society, including the educational needs of local communities; understanding of human growth and development, the learning process; and knowledge of the basic learnings appropriate at each successive educational level. Instruction in the credential programs is built on a broad base of general and liberal arts education. The courses listed in professional education are accepted by the State Board of Education to meet certification requirements. Credentials are issued by the State Board of Education in response to each student's application directed to the Credentials Office in the State Department of Education, Sacramento, California.\*

### *Requirements for Admission to Program Leading to Bachelor of Arts, Liberal Arts—Elementary Education*

If approved by the Division of Education, students will be admitted to the program leading to a degree in Liberal Arts—Elementary Education, providing:

1. They have senior standing (90 acceptable semester units).
2. They have been pursuing an Elementary Education major at another college and have insufficient units remaining to qualify for a major in a field other than education.

Beginning students will be advised to complete a degree major in another field in addition to education.

### *Requirements for Admission to Program Leading to Bachelor of Education*

Students will meet requirements for admission to the Bachelor of Education program by having:

1. Completed a minimum of 96 acceptable semester units of college work.
2. Maintained a valid California Provisional Kindergarten-Primary or Provisional General Elementary Credential.

\* The requirements included herein will be changed where necessary to conform to new State regulations concerning credential structure. It is important for students to consult a Division of Education adviser before the first registration in professional education courses.

3. Started work toward the Bachelor of Education degree and have insufficient units remaining to qualify for a major in a field of study in addition to education.
4. Secured the approval of the Division of Education.

#### *Requirements for the Baccalaureate Degrees in Education*

1. Complete the requirements for a Bachelor of Arts degree or Bachelor of Education degree. (See page 36.)
2. Complete courses required for the General Elementary Teaching Credential. (See page 63.)

### CREDENTIALS

Programs of study included in this Catalog are those needed to meet requirements in the present credential structure. Under present regulations students have until September 15, 1966, to complete requirements for current credentials. Those planning to begin study toward a credential after July 1, 1963, are advised to contact the Division of Education Office for information regarding requirements in the new credential structure.

#### *Admission to Candidacy for Credentials*

Students are admitted to candidacy for credentials by meeting specific requirements set forth by the Division of Education (see pages 62 and 64). Admission to the College does not automatically insure admission to candidacy for a credential. Students seeking credentials should apply to the Division of Education for admission to credential programs during the first semester of upper division work, or on transfer to the College.\* All candidates seeking credentials should register in EDUC 300, which is designed to provide students with detailed information about college and state requirements for credentials. EDUC 300 meets only as frequently as is necessary for students to establish eligibility for study toward credentials.

Full-time students who seek an elementary teaching credential ordinarily enroll in EDUC 310 during the second semester of the junior year. They register in EDUC 405, ART 384, and MUS 371 while first-semester seniors, and in EDUC 420 and 440 during the second semester of the senior year. Candidates for general secondary teaching credentials enroll in EDUC 310 during the first semester of the senior year, EDUC 405 during the second semester of the senior year, and other courses in sequence as indicated by prerequisites. Observation and participation in classroom teaching are included in the sequence for each credential and are emphasized at strategic points to insure maximum acquaintance with current programs in the schools. Work experience also is emphasized in programs leading to the pupil personnel, administration, and supervision credentials.

\* Transfer students who hold degrees and who plan to complete requirements for a credential at Stanislaus State College are required to file transcripts of all prior college and university work with the Admissions and Records Office. (See *Transcripts Required*, page 23.)

### *Minimum Requirements for All Credentials*

All students seeking credentials must meet these minimum requirements:

1. Complete requirements for a baccalaureate degree.
2. Complete state requirements in government and history.
3. Complete the audio-visual requirement (EDUC 420 or 436).
4. Establish proof of naturalized or native-born citizenship, or declaration of intent to become a citizen of the United States (as provided in *California Administrative Code, Title 5, Education*).
5. Satisfy scholarship standards set by the Division and the College.

### TEACHING CREDENTIALS

In order to meet the admission requirements to elementary and secondary teaching programs students must:

1. Maintain a minimum grade point average of 2.5 on all college work attempted. Secondary teachers need a minimum grade point average of 2.75 in their teaching major and minor fields, and in Education. Those with lower averages may petition to receive consideration for admission to the credential program.
2. Complete all courses prerequisite to professional education (see *General Requirements* for each credential).
3. Pass college-administered competency tests in appropriate fields.
4. Obtain the recommendation of the Credentials Admissions Committee concerning qualifications and general fitness for teaching.
5. Pass a thorough health examination. (This requirement may be completed after admission to the credential program.)

Students should enroll in EDUC 300 as early as possible so that deficiencies may be noted and removed prior to entering a credential sequence. Students may not enter student teaching until all requirements for admission to credential candidacy have been met.

The procedure for entering the teaching credential program is as follows:

1. Consult Division of Education adviser regarding program.
2. Enroll in EDUC 300 at beginning of junior year.
3. Make formal application for admission to credential candidacy.
4. Obtain health statement.
5. Secure clearance from Credential Admissions Committee.

### *General Requirements, Elementary Teaching Credential \**

This credential authorizes the holder to teach in any elementary school, and in grades seven and eight in any junior high school. Requirements include:

1. Baccalaureate degree.
2. Grade point average of 2.5 in all college work attempted.
3. Passing skill tests in the following:

Arithmetic	Speech
Handwriting	Written English
Basic social studies	

\* Refer also to above *Minimum Requirements for All Credentials*.

4. Demonstration of competence by completion of courses or by securing departmental approval in the following: \*
  - Art (art media, principles, techniques)
  - Music (elements of music)
  - Biological science
  - Cultural or physical geography
  - Health and physical education
  - General psychology
  - Teaching of art in the elementary school
  - Teaching of music in the elementary school
5. Passing of required courses in Education. (See table below.)

**General Requirements, Secondary Teaching Credential \*\***

This credential authorizes the holder to teach in grades seven through fourteen. Requirements include:

1. Baccalaureate degree.
2. Grade point average of at least 2.5 in all college work attempted, and 2.75 in teaching major and minor fields, and in education.
3. Thirty units completed after the bachelor's degree, including no less than six in fields commonly taught in secondary schools, and six in professional education courses.
4. Teaching majors and minors may be selected from art, business education, English, foreign languages, language arts, life science, mathematics, music, physical sciences, social sciences, speech.
5. Electives to include study of adolescent growth and development.

**REQUIRED COURSES FOR ELEMENTARY AND  
SECONDARY TEACHING CREDENTIALS**

	<i>General Elementary Credential †</i>	<i>General Secondary Credential</i>
EDUC 300. Introduction to the Credential Program .....	0	0
EDUC 310. Learner and Society (or EDUC 311 and 312)	6	6
EDUC 405. Scope and Function of Public Education .....	2	2
EDUC 420. Elementary School Curriculum, Materials and Methods (Includes Audio-Visual Educa- tion) .....	8	—
EDUC 440. Student Teaching in the Elementary School	8	—
EDUC 475. Educational Tests, Measurement and Evalua- tion .....	—	2
EDUC 479. Fundamentals of Counseling and Guidance	—	2
EDUC 510. Secondary School Curriculum, Materials and Methods (Includes Audio-Visual Education) Alternate courses: EDUC 511 and 512	—	6
EDUC 535. Student Teaching in Secondary School .....	—	6
Total units .....	24	24

\* These courses are normally completed in the program of general education during the freshman and sophomore years; exceptions are ART 384 and MUS 335 or equivalent. Unfulfilled requirements should be met during the first semester of the junior year.

\*\* Refer also to *Minimum Requirements for All Credentials*, page 62.

† This credential program may satisfy the degree minor requirement.

### General Requirements for the Credential to Teach Exceptional Children

The credential to teach exceptional children authorizes the holder to serve as a teacher of exceptional children in special day classes or remedial classes in elementary and secondary schools in the area or areas of specialization named in the credential. Students interested in specializations other than teaching the mentally handicapped should consult a Division of Education adviser. Requirements include:

1. A baccalaureate degree.
2. A valid regular teaching credential.
3. A grade point average of at least 2.5 in courses required for the credential.
4. Twenty-four units of postgraduate study, including 18 units as shown below.

#### REQUIRED COURSES FOR CREDENTIAL TO TEACH EXCEPTIONAL CHILDREN (MENTALLY HANDICAPPED)

	<i>Units</i>
EDUC 300. Introduction to the Credential Program .....	0
PSYC 322. Mental Deficiency .....	3
SPCH 361. Principles of Speech Correction .....	3
EDUC 485. Education of Exceptional Children and Youth .....	3
ART 486. Art Experiences for the Exceptional Child .....	2
EDUC 556. Counseling and Guidance of the Handicapped * .....	2
EDUC 560. Curriculum, Materials, and Methods; Mentally Handicapped * ..	2
EDUC 575. Teaching of the Mentally Handicapped * .....	4
Electives selected with approval of the adviser .....	6
<b>Total units</b> .....	<b>25</b>

#### ADVANCED CREDENTIALS

The holder of a Supervision Credential is authorized to supervise instruction in the field or on the grade level for which he holds a valid basic teaching credential. The holder of an Elementary School Administration Credential is authorized to serve as superintendent, deputy superintendent, assistant superintendent, principal, vice-principal, or supervisor of instruction in elementary schools. The holder of a Secondary School Administration Credential is authorized to fill corresponding positions in secondary schools.

The Pupil Personnel Services Credential consists of four areas: pupil counseling, child welfare and attendance, school social work, school psychometry. The candidate qualifies for one or more areas according to his choice and is authorized to work only in areas for which he has acquired credential authorization. Presently Stanislaus State College offers courses common to the four emphases, plus the specialized courses needed to work as a counselor and psychometrist.

\* This course is offered in summer sessions.

**General Requirements for Advanced Credentials \***

1. Hold basic general teaching credential for the appropriate grade level.
2. Maintain grade point average of 3.0 in credential courses.
3. Complete satisfactory teaching experience:
  - a. Five years for Supervision Credential.
  - b. Two years for Administration and Pupil Personnel Credentials.
4. Secure clearance from Credentials Admissions Committee.

**Procedure for Entering Advanced Credential Programs**

The procedure for entering advanced credential programs is as follows:

1. Obtain official evaluation of transcripts.
2. Consult an adviser.
3. Enroll in EDUC 300.
4. Apply for admission to candidacy.

**REQUIRED COURSES FOR SUPERVISION AND ADMINISTRATION CREDENTIALS**

	<i>Supervision Credential</i>	<i>Elementary School Administration</i>	<i>Secondary School Administration</i>
EDUC 300. Introduction to the Credential Program .....	0	0	0
EDUC 584. History and Philosophy of Education .....	3	3	3
EDUC 645. Curriculum Planning and Development .....	3	3	3
EDUC 648. Supervision of Instruction and Personnel Administration .....	3	3	3
EDUC 661. School Organization and Administration .....	3	3	3
EDUC 668. Advanced School Administration .....	0	3	3
EDUC 675. Work Experience, School Supervision, or ...	1-4	1-4	1-4
EDUC 679. Work Experience, School Administration .....			
EDUC 683. Seminar in School Supervi- sion and Administration .....	2	2	2
Electives selected with approval of the adviser † .....	12-15	9-12	3-6
Total units .....	30	30	24

\* See also *Minimum Requirements for All Credentials*, page 62.

† Additional electives may be advised to develop the required competencies.

## REQUIRED COURSES FOR PUPIL PERSONNEL SERVICES CREDENTIAL \*

<i>Undergraduate Courses</i>	<i>Counseling Emphasis</i>	<i>Psychometry Emphasis</i>
EDUC 300. Introduction to the Credential Program .....	0	0
EDUC 475. Educational Tests, Measurement and Evaluation .....	2	2
EDUC 479. Fundamentals of Counseling and Guidance .....	2	2
EDUC 485. Education of Exceptional Children and Youth .....	3	3
EDUC 488. Education of Gifted Children and Youth .....	2	2
MATH 160. Statistics .....	—	3
PSYC 471. Theory and Research in Learning .....	—	3
PSYC 321. Mental Health .....	2	2
SOCL 426. Laws Relating to Children and Youth .....	2	2
SOCL 427. Occupational Analysis and Information .....	3	—
 <i>Graduate Courses</i> 		
EDUC 631. Work Experience: Pupil Personnel Services .....	2-4	2-4
EDUC 635. Seminar in Pupil Personnel Services .....	2	2
PSYC 525. Techniques of Interviewing .....	3	3
PSYC 528. Advanced Counseling .....	3	—
PSYC 561. Group Psychological Testing .....	—	3
PSYC 562. Individual Psychological Testing .....	—	3
SOCL 525. Family Counseling and Community Resources .....	3	3
SOCL 528. Case Study and Case Conference Techniques .....	3	3
Electives selected with approval of the adviser .....	2-3	—
Total units .....	34-37	38-40

### COURSE DESCRIPTIONS

**EDUC 300. Introduction to the Credential Program**<sup>\*\*\*</sup> (No credit) F, S

A series of counseling sessions which lead to admission to the credential programs. Required of all students beginning a credential sequence. (Formerly 3300)

**EDUC 310. Learner and Society** (6) F, S

Study of the social and psychological foundations of education. Required of all credential candidates. (Formerly 3310) Prerequisite: EDUC 300 or concurrent registration. EDUC 311 and EDUC 312 are the equivalent of this course.

**EDUC 311. Social Foundations of Education** (3) F.

Society and education, analysis of factors influencing public education, social processes within the school. Includes guided observations. Not open to those who have completed EDUC 310. (Formerly 3311) Prerequisite: EDUC 300 or concurrent registration.

**EDUC 312. Psychological Foundations of Education** (3) S

Educational growth and development, learning, use of psychological data and assessment techniques in teaching. Includes guided observations. Not open to those who have completed EDUC 310. (Formerly 3312) Prerequisite: EDUC 300 or concurrent registration.

**EDUC 405. Scope and Function of Public Education** (2) F, S

The role of the school, organization of public education, modern curricula in elementary and secondary schools, guided observations and participation. (Formerly 4316) Prerequisite: EDUC 310 or concurrent registration.

\* For information about other emphases within the field of pupil personnel services, consult the appropriate Division of Education adviser.

**EDUC 420. Elementary School Curriculum, Materials and Methods** (8) F, S

Introduction to curriculum, materials and methods in areas of required instruction. Taken concurrently with EDUC 440. (Formerly 4320) Prerequisites: EDUC 310 or equivalent, ART 384, and MUS 335, and admission to credential candidacy.

**EDUC 425. Reading in the Elementary School** \* (3) F

Intensive study of developmental reading, application of reading skill to the total program, and recreational reading. (Formerly 4321) Prerequisite: EDUC 405 or equivalent.

**EDUC 426. Social Studies in the Elementary School** \* (2) S

Intensive analysis of social studies: curriculum, materials, and methods at successive levels. (Formerly 4322) Prerequisite: EDUC 405 or equivalent.

**EDUC 427. Language Arts in the Elementary School** \* (2) F

Intensive study of oral and written expression in the elementary school; includes spelling and handwriting. (Formerly 4323) Prerequisite: EDUC 405 or equivalent.

**EDUC 428. Mathematics in the Elementary School** \* (2) S

Analyses of arithmetic and mathematics included in elementary school program: curriculum, materials, and methods at succeeding levels. (Formerly 4327) Prerequisite: EDUC 405 or equivalent.

**EDUC 429. Science in the Elementary School** \* (2) F

Science emphases and content for the elementary school: curriculum, materials, and methods at successive levels. (Formerly 4324) Prerequisite: EDUC 405 or equivalent.

**EDUC 430. Physical Education in the Elementary School** \* (2) F

Study of the purposes, materials, activities, and techniques applicable in elementary school physical education. (Formerly 4330) Prerequisite: EDUC 310.

**EDUC 436. Selection and Use of Instructional Materials** \* (2) F

Use of libraries, instructional materials centers, and audio-visual materials and equipment; includes the preparation of resource files. Meets audio-visual requirement. (Formerly 4333) Prerequisite: EDUC 405 or equivalent.

**EDUC 440. Student Teaching in the Elementary School** (8) F, S

Supervised classroom teaching, including full-time teaching and seminar. Taken concurrently with EDUC 420 or by special arrangement. (Formerly 4326) Prerequisite: EDUC 405 or equivalent, and admission to credential candidacy.

**EDUC 450. Teaching of Foreign Languages** (2) S

The audio-lingual approach to teaching foreign languages. (Formerly 4332) Prerequisites: EDUC 310 or equivalent, language facility equivalent to 8 units in one language and approval of adviser.

**EDUC 475. Educational Tests, Measurement and Evaluation** (2) F, S

Construction of tests for classroom use, selection and use of standardized tests, statistical measurement in education, evaluation of progress. Includes study of new statewide testing program. (Formerly 4351) Prerequisite: EDUC 420 or 510 or equivalent, completed or in progress.

**EDUC 479. Fundamentals of Counseling and Guidance** (2) F, S

Introduction to guidance and counseling; practice of counseling and guidance techniques. (Formerly 4352) Prerequisite: EDUC 475 or approval of adviser.

**EDUC 485. Education of Exceptional Children and Youth** (3) F

Study of physical, mental, social and emotional deviations among children and youth; community resources; educational adjustments. (Formerly 4394) Prerequisite: EDUC 310 or equivalent.

\* May not be taken for credit by a student who has completed EDUC 420 or equivalent.



**EDUC 486. Education of Gifted Children and Youth (2) F, S**

Research findings on the nature of differential aptitudes, identification of unusual talents and abilities, program adaptations. (Formerly 4395) Prerequisite: EDUC 310.

**EDUC 498. Individual Study (1-4) F, S**

Opportunity for the student to acquire depth in a field to which he has already had an introduction. (Formerly 4932) Prerequisite: Approval of instructor.

**EDUC 510. Secondary School Curriculum, Materials, and Methods (6) F, S**

Study of curriculum, materials, and methods applicable in secondary schools; includes audio-visual methods and materials. (Formerly 5309) Prerequisite: EDUC 405 or equivalent. EDUC 511 and 512 are equivalent to this course.

**EDUC 511. Secondary School Curriculum, Materials, and Methods I (3) F, S**

Survey of instructional programs; analysis of curriculum; materials, and methods; includes selection and use of audio-visual materials. (Formerly 5310) Prerequisite: EDUC 405 or equivalent.

**EDUC 512. Secondary School Curriculum, Materials, and Methods II (3) F, S**

Curriculum planning and development in major and minor fields; preparation and use of teaching guides. (Formerly 5311) Prerequisite: EDUC 511 or concurrent registration.

**EDUC 535. Student Teaching in Secondary Schools (6) F, S**

Cooperative district and college supervision of student teaching in major and minor fields. Includes seminar. (Formerly 5326) Prerequisite: EDUC 510 or equivalent, and admission to credential candidacy.

**EDUC 584. History and Philosophy of Education (3) S**

Study of historical and philosophical foundations of education. For elementary and secondary teachers; required of students beginning work toward supervision and administration credentials. (Formerly 5313) Prerequisite: Graduate standing or approval of adviser.

**EDUC 598. Individual Study (1-4) F, S**

Opportunity for the graduate student to acquire depth in a field to which he has already had an introduction. (Formerly 5392) Prerequisite: Approval of Division Chairman.

**EDUC 631. Work Experience: Pupil Personnel Services (1-4) F, S**

Actual work experience in field for which student is seeking credential. Joint supervision by district and college. (Formerly 5391-C) Prerequisite: Approval of adviser.

**EDUC 635. Seminar in Pupil Personnel Services (2) F, S**

Study of current practices in pupil personnel services; includes study of organization and administration of pupil personnel services. Required of students registered in EDUC 631. Open to practicing personnel. (Formerly 5398-B) Prerequisite: Approval of instructor.

**EDUC 645. Curriculum Planning and Development (3) F**

Planning and development of instructional programs; analysis of research data, social influences, roles of individuals and groups; evaluation of total programs. (Formerly 5328) Prerequisite: Admission to candidacy for advanced credential.

**EDUC 648. Supervision of Instruction and Personnel Administration (3) S**

Study of techniques and practices used in school supervision; selection and assignment of instructional personnel, orientation of new faculty, in-service education, evaluation of services, professional ethics. (Formerly 5371) Prerequisite: EDUC 645.

**EDUC 661. School Organization and Administration (3) F**

Study of federal, state, county and district school organization and administration at elementary and secondary levels. (Formerly 5370) Prerequisite: Admission to candidacy for advanced credential.

**EDUC 668. Advanced School Administration (3) S**

Intensive study of public school administration and organization at elementary and secondary levels; introduction to legal aspects of education, school finance, housing, and business administration; programs of adult education, special education, and vocational education. (Formerly 5372) Prerequisite: EDUC 661.

**EDUC 675. Work Experience: School Supervision (1-4) F, S**

Actual work experience in field for which student is seeking credential. Joint supervision by district and college. (Formerly 5391-B) Prerequisite: Approval of adviser.

**EDUC 679. Work Experience: School Administration (1-4) F, S**

Actual work experience in field for which student is seeking credential. Joint supervision by district and college. (Formerly 5391-A) Prerequisite: Approval of adviser.

**EDUC 683. Seminar in School Supervision and Administration (2) F, S**

Case study analysis of practical problems in school administration and supervision. Open to practicing principals, supervisors, and consultants. Required of students registered in EDUC 675 and 679. (Formerly 5393-A)

**EDUC 685. Seminar for Supervising Teachers (2) F, S**

Seminar for employed teachers who have demonstrated outstanding ability and who wish to supervise student teachers from the College. (Formerly 5362) Prerequisite: Approval of Division Chairman.

# ENGLISH DEPARTMENT

## *In the Division of Humanities*

JAMES P. JENSEN, Head

The Department of English offers courses in composition, literature, and criticism. Provision is also made for a limited amount of individual study in certain areas where regular courses have not yet been introduced. This year, course offerings in English are sufficiently diversified to provide for the completion of the requirement for the baccalaureate degree with concentration in either American or English literature. The degree awarded is the Bachelor of Arts in Liberal Arts—Humanities.

### *Departmental Requirements for the Bachelor of Arts*

1. Complete the General Requirements for the Baccalaureate Degree (See page 36.)
2. *Lower Division Requirements*  
(English Composition—6 units General Education)  
Literature survey—American or English..... 6
3. *Upper Division Requirements*  
ENGL 365. Introduction to Literary Criticism..... 3  
ENGL 421-422. Shakespeare I-II..... 6  
Electives, 12 units of which must be in an area of specialization: English  
Literature or American Literature..... 21  

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Total units ..... 36
4. Complete a minor to be chosen in consultation with the major adviser.

### *Minor Requirements for the Bachelor of Arts*

#### *Lower Division*

(English Composition—6 units in General Education)

Literature survey (American or English)..... 6

#### *Upper Division*

ENGL 422. Shakespeare II..... 3

Literature, year sequence..... 6  

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Total units ..... 15

### *Teaching Major in English: Secondary Credential*

Students who obtain the General Secondary credential with a teaching major in English must have the equivalent of a major in English. (See above, Departmental Requirements for the Bachelor of Arts Degree.) In addition to other credential requirements in the post-graduate program, the credential candidate must complete a minimum of 6 graduate units in subject fields commonly taught in junior and senior high schools.

### *Teaching Minor in English: Secondary Credential*

A teaching minor in English for the General Secondary Credential may also be used to meet the minor requirement for the bachelor's degree.

This minor consists of a minimum of 21 units, to include the following:

*Lower Division*

(English Composition—6 units in General Education)

Literature survey (American or English) ..... 6

*Upper Division*

English literature ..... 6

American literature ..... 6

Shakespeare ..... 3

Total units ..... 21

**COURSE DESCRIPTIONS**

**ENGL 221. English Literature I (3) F**

The beginnings of English literature to 1800.

**ENGL 222. English Literature II (3) S**

From 1800 to the present.

**ENGL 241. American Literature I (3) F**

The beginnings of American literature to 1865.

**ENGL 242. American Literature II (3) S**

From 1865 to the present.

**ENGL 260. Intermediate Composition—Usage (3) S**

A content course in grammar, composition, and rhetorical analysis. Prerequisite: English composition or equivalent. (Formerly 2560)

**ENGL 321. English Novel I (3) F**

Richardson, Fielding, Defoe, Smollett, Sterne, Goldsmith, Jane Austen. (Formerly 3522)

**ENGL 322. English Novel II (3) S**

Dickens, Thackeray, Trollope, the Brontës, George Eliot, Meredith, Hardy. (Formerly 3523)

**ENGL 323. Modern British Poetry (3) F**

Hardy, Yeats, Auden, Thomas, and others. Prerequisite: 6 semester units of English literature survey or equivalent.

**ENGL 324. Modern British Fiction (3) S**

Conrad, Lawrence, Joyce, Forster, Huxley, Waugh, and others. (Formerly 3523) Prerequisite: ENGL 321 or ENGL 322 or approval of the instructor.

**ENGL 325. English Drama I (3) F**

The beginnings of English drama to 1642. (Formerly 4502)

**ENGL 326. English Drama II (3) S**

The Restoration to the present. (Formerly 4503)

**ENGL 341. American Novel I (3) F**

Cooper, Hawthorne, Melville, De Forest, Howells, Twain, James, Crane. (Formerly 3524)

**ENGL 342. American Novel II (3) S**

Norris, Dreiser, Lewis, Fitzgerald, Hemingway, Schulberg, Faulkner, Steinbeck, Salinger. (Formerly 3525)

**ENGL 365. Introduction to Literary Criticism** (3) F

Survey of critical theories with special emphasis upon current tendencies. Includes practical work in analysis. (Formerly 4571)

**ENGL 401. History of the English Language** (3) F '64

A study of the English language from its earliest origins to its present form. (Formerly 4525)

**ENGL 405. Age of Chaucer** (3) F

Literature of fourteenth century with emphasis on works of Geoffrey Chaucer.

**ENGL 421. Shakespeare I** (3) F

Comedies and histories. (Formerly 4500)

**ENGL 422. Shakespeare II** (3) S

Tragedies and romances. (Formerly 4501)

**ENGL 435. Age of Milton** (3) S

Literature of seventeenth century with emphasis on works of John Milton.

**ENGL 455. American Drama** (3) F

From the seventeenth century. Major emphasis on modern American drama. (Formerly 4522)

**ENGL 456. American Folk Literature** (3) S

Methods of folklore research and study of American folk literature. Emphasis on California folk literature. (Formerly 4513)

**ENGL 495. Senior Seminar in English Literature** (3) S

Intensified study of a major figure or area in English literature. Prerequisite: Approval of instructor.

**ENGL 496. Senior Seminar in American Literature** (3) F

Intensified study of a major figure or area in American literature. Prerequisite: Approval of instructor.

**ENGL 498. Individual Study** (1-4) F, S

For students in need of advanced or specialized work in certain areas where courses are not currently offered. (Formerly 4599) Prerequisite: Approval of instructor.

**ENGL 598. Individual Study** (1-4) F, S

For graduate students in need of advanced or specialized work in certain areas where courses are not currently offered. (Formerly 5599) Prerequisite: Approval of instructor.

# FOREIGN LANGUAGES

## *In the Division of Humanities*

JOHN F. SAUNDERS, Head

The program in Foreign Languages (Spanish, French, and German) is planned to meet the needs of students who intend to teach foreign languages and literature, as well as those who require the use of foreign languages in their professions.

The major in Liberal Arts—Foreign Languages is offered only with a major in Spanish. Minors are offered in French and German.

All upper division courses will be conducted primarily in the language. Use of the language laboratory will permit students to improve their conversational skills. Practice in reading and writing Spanish, German, and French will be given according to the needs of the student on an individual study basis.

### SPANISH

#### *Departmental Requirements for the Bachelor of Arts*

1. Complete the General Requirements for the Baccalaureate Degree. (See page 36.)
2. Complete 36 units in Spanish courses as outlined for the bachelor's degree. Teaching majors will complete 6 units beyond the degree requirements in the fifth year.

	<i>Degree Major</i>	<i>Teaching Major</i>	<i>Degree Minor</i>	<i>Teaching Minor</i>
<i>Lower Division *</i>				
Elementary Spanish .....	6	6	6	6
Intermediate Spanish .....	6	6	6	6
<i>Upper Division</i>				
SPAN 311. Composition and Conversation .....	3	3	---	3
SPAN 312. Advanced Style and Syntax .....	3	3	---	3
SPAN 441. Spanish Literature, Early Period through the Golden Age .....	3	3	---	---
SPAN 442. Spanish Literature, 1750— Present .....	3	3	---	---
SPAN 443. Spanish-American Literature	} 3	3	---	---
<i>or</i>				
SPAN 461. Spanish-American Civilization				
SPCH 467. Advanced Phonetics and Structural Linguistics ** .....	3	3	---	---
Electives selected with approval of adviser .....	6	6	6	---
Teaching minor electives to be chosen from: SPAN 301, 432, 435, 441, and SPCH 467 .....	---	---	---	9
Total units .....	36	36+	18	27

\* Students must have a proficiency equivalent to the intermediate level for admission to upper division courses. It is assumed that the student will normally enter college with proficiency equal to the elementary level, and will be exempt from 6 units of the requirement as shown.

\*\* Prerequisite: Spanish phonetics or SPCH 300.

## COURSE DESCRIPTIONS

**SPAN 301. Spanish for Elementary Teachers (4) F, S**

Designed primarily for those intending to teach Spanish in the Elementary Schools. Pronunciation of Spanish; its basic vocabulary, grammar, and syntax. This course is taught by the audio-lingual method in a language laboratory. (Formerly 3550)

**SPAN 311. Composition and Conversation (3) F**

Readings in contemporary Spanish prose and poetry, exercises in idiomatic written and oral expression. (Formerly 3540 and 3541) Prerequisite: 12 hours of lower division Spanish or approval of instructor.

**SPAN 312. Advanced Style and Syntax (3) S**

Study of consistencies of the language, development of proper style and expression, selected readings. (Formerly 3553) Prerequisite: 12 hours of lower division Spanish or approval of instructor.

**SPAN 441. Spanish Literature, Early Period Through Golden Age (3) F '63**

Lectures and discussion. (Formerly 3545, 3546, 3555) Prerequisite: 12 hours of lower division Spanish or approval of instructor.

**SPAN 442. Spanish Literature, 1750-Present (3) S '64**

Lectures and discussion. (Formerly 3547, 3556) Prerequisite: SPAN 311.

**SPAN 443. Spanish-American Literature (3) F '64**

Representative writers of Latin America. (Formerly 4542) Prerequisite: SPAN 311.

**SPAN 461. Spanish-American Civilization (3) S '65**

A study of the people, the growth of their institutions and culture. (Formerly 3557) Prerequisite: 12 hours of lower division Spanish or approval of instructor.

**SPAN 498. Individual Study (1-4) F, S**

Provides opportunity for the student to acquire depth in special problems. (Formerly 4541) Prerequisite: Approval of instructor.

### FRENCH

**Requirements for Degree and Teaching Minors**

*Lower Division \**

Elementary French .....	6
Intermediate French .....	6

*Upper Division*

FREN 311. Composition and Conversation.....	3
FREN 312. Advanced Oral and Written Composition.....	3
FREN 442. French Literature through Seventeenth Century	} ----- 3
<i>or</i>	
FREN 444. French Literature from Eighteenth Century to Present	
Total units .....	21

**Supporting Courses for Teaching Candidates**

SPCH 300. Phonetics (or French phonetics).....	3
SPCH 467. Advanced Phonetics and Structural Linguistics.....	3
Total units .....	6

\* Students must have a proficiency equivalent to the intermediate level for admission to upper division courses. It is assumed that the student will normally enter college with proficiency equal to the elementary level, and will be exempt from 6 units of the requirement as shown.

## COURSE DESCRIPTIONS

### **FREN 311. Composition and Conversation (3) F**

Advanced French composition, development of style and expression, readings and oral discussions in French of various facets of French culture. (Formerly 3530 and 3531) Prerequisite: 2 years of college French or equivalent.

### **FREN 312. Advanced Oral and Written Composition (3) F '64**

Intensive review of grammar, writing and speaking of current idiomatic French. Prerequisite: FREN 311 or equivalent.

### **FREN 442. French Literature Through the Seventeenth Century (3) S '64**

Study of masterpieces of French prose and lyric poetry of the Middle Ages and Renaissance; emphasis on development of French language as viewed through literature of the Classical Age. (Formerly 3528) Prerequisite: FREN 311 or approval of instructor.

### **FREN 444. French Literature From Eighteenth Century to Present (3) S '65**

Study of the literature of Philosophical and Romantic Movements in France through novels, poetry, and drama. (Formerly 3529) Prerequisite: FREN 311 or approval of instructor.

### **FREN 498. Individual Study (1-4) F, S**

Provides opportunity for the student to acquire depth in special areas. (Formerly 4534) Prerequisite: Approval of instructor.

## GERMAN

### *Requirements for Degree and Teaching Minors*

#### *Lower Division\**

Elementary German .....	6
Intermediate German .....	6

#### *Upper Division*

GERM 311-312. Advanced Composition and Conversation I-II .....	6
GERM 498. Individual Study (German literature) .....	2
Total units .....	8

### *Supporting Courses for Teaching Candidates*

SPCH 300. Phonetics (or German phonetics) .....	3
SPCH 467. Advanced Phonetics and Structural Linguistics .....	3
Total units .....	6

## COURSE DESCRIPTIONS

### **GERM 311. Advanced Composition and Conversation I (3) F**

Writing of current idiomatic German; reading and interpretation of modern short stories, magazine and newspaper articles; functional review of grammar. (Formerly 3535) Prerequisite: 2 years of college German.

### **GERM 312. Advanced Composition and Conversation II (3) S**

Continuation of GERM 311. (Formerly 3536) Prerequisite: GERM 311.

### **GERM 498. Individual Study (1-4) F, S**

Areas of study: German literature, history of German literature and culture, science reading. (Formerly 4541) Prerequisite: Approval of instructor.

\* Students must have a proficiency equivalent to the intermediate level for admission to upper division courses. It is also assumed that the student will normally enter college with proficiency equal to the elementary level, and will be exempt from 6 units of the requirement as shown.



## HISTORY DEPARTMENT

### *In the Division of Social Sciences*

DAVID B. STENZEL, Head

Students seeking a Bachelor of Arts in Liberal Arts-Social Science may select a major emphasis in history for their academic specialization. A background in history is especially useful for careers calling for careful judgment on the basis of limited evidence, such as the United States Foreign Service, intelligence work, and journalism, as well as in teaching.

#### *Recommended Lower Division Preparation*

1. One year course in United States history.
2. One year course in the history of western civilization or equivalent.
3. Courses in economics, geography, political science, and foreign languages.

#### *Departmental Requirements for the Bachelor of Arts*

Students in a broad Social Sciences divisional major may elect their upper divisional concentration in history. Students in this program will complete a minimum of 12 units of upper division history. (See also Division of Social Sciences.)

For a History major the student will fulfill the following requirements:

1. Completion of the General Requirements for the Baccalaureate Degree. (See page 36.)
2. Completion of 30 units in history to include at least 24 units upper division courses. It is recommended that students emphasizing history take HIST 496, Senior Seminar.
3. Completion of 15 additional units in the Social Sciences (may include additional work in history). Up to 9 of these units may be waived if the student elects a liberal arts minor outside the Social Science Division.

#### *Minor in History*

The required degree minor consists of 15 units, including at least 9 units in upper division courses.

A teaching minor consists of at least 20 units. These minors are to be chosen in consultation with the major adviser.

## COURSE DESCRIPTIONS

**HIST 314. Medieval Europe (3) F**

Europe from the decline of the Roman Empire to the Renaissance. (Formerly 4731)

**HIST 320. Europe, 1500 to 1789 (3) S**

Early Modern Europe from the Renaissance and Reformation to the outbreak of the French Revolution. (Formerly 4732)

**HIST 323. Europe in the 19th Century (3) F**

Growth of modern national states and their international conflicts from the French Revolution to the eve of the First World War. (Formerly 4733)

**HIST 324. Europe in the 20th Century (3) S**

The search for security since 1914. (Formerly 4734)

**HIST 361. Colonial America: 1492-1783 (3) F**

Discoveries and explorations of North America; background of English expansion and colonial settlement; political, religious, economic, and social development of the British colonies; the Revolution and independence. (Formerly 4725)

**HIST 362. The United States, 1783-1865 \* (3) S**

The new nation: the Constitutional frame; Federalist era; Republican supremacy and the rise of nationalism; economic and social expansion; sectionalism, slavery, and the Civil War. (Formerly 3728)

**HIST 363. The United States, 1865-1914 \* (3) F**

Reconstruction and the age of big business: liquidation of the Civil War; rise of modern urban-industrial society; imperialism. (Formerly 4728)

**HIST 364. U. S. History Since 1914 \* (3) S**

Intensive study of American political, economic and social changes in the twentieth century. (Formerly 4729)

**HIST 367. California History and Geography (3) S**

Environment, Spanish exploration and settlement, political, economic and social developments which give California its unique character. (Formerly 3720)

**HIST 406. Science, Technology and Society Since 1787 (3) S '65**

Growth of science and technology, and their influence on modern life and thought. Prerequisite: one year of college science. (Formerly 4746)

**HIST 440. Modern Germany (3) F**

Germany since the 17th century. (Formerly 4737)

**HIST 442. Modern Russia (3) S**

Russia since the 18th century. (Formerly 4738)

**HIST 445. England and Her First Empire (3) F**

Survey of the evolution of the English state and the First Empire from the establishment of Tudor absolutism to American independence, 1485-1783. Emphasis on political and constitutional development. (Formerly 3735)

**HIST 446. Great Britain and the Empire-Commonwealth (3) S**

Britain in the nineteenth and twentieth centuries, emphasizing political, social and economic development, and the changes in Empire and Commonwealth. (Formerly 3736)

\* Meets General Education requirement in United States history.

**HIST 470. American Diplomatic History.\*** (3) F<sup>n</sup>

U. S. foreign relations from the colonial period to the present. (Formerly 3723)

**HIST 474. American Constitutional History \*** (3) S '64

English and colonial origins, the American Revolution, Constitutional Convention, ratification; resolution of basic issues of political, economic, social and personal liberty in the course of American history since 1789. (Formerly 3722)

**HIST 478. American Intellectual and Social History \*** (3) S '65

Changes in American thought and conduct from colonial days to the present. (Formerly 4724)

**HIST 496. Senior Seminar** (3) S

Research in modern history. Prerequisite: Approval of instructor.

**HIST 498. Individual Study** (1-4) F, S

An opportunity for the student to acquire depth in a field to which he has already had an introduction. (Formerly 4748) Prerequisite: Approval of instructor.

**HIST 523. Problems in European History Since 1789** (3) F '63

Research in European history. (Formerly 5733) Prerequisites: 6 units in European history and approval of instructor.

**HIST 563. Problems in United States History, 1783-1865** (3) F '64

Familiarizes student with monograph and periodical materials through the problem approach. (Formerly 5721) Prerequisite: 6 units in U. S. history.

**HIST 565. Problems in United States History Since 1865** (3) S '65

Familiarizes the student with monograph and periodical materials through the problem approach. (Formerly 5723) Prerequisites: 6 units in U. S. history and approval of the instructor.

**HIST 598. Individual Study** (1-4) F, S

An opportunity for the graduate student to acquire depth in a field or to broaden his training. (Formerly 5748) Prerequisite: Approval of instructor.

\* Meets General Education requirement in United States history.

# JOURNALISM DEPARTMENT

## *In the Division of Humanities*

The Department of Journalism offers service courses designed to (1) develop a better understanding of the mass communication media; (2) assist in preparing teachers for high school journalism assignments; and (3) provide training for participation in student publication activities.

### COURSE DESCRIPTIONS

**JOUR 201. Journalism, Theory and Application (2) F**

A lecture course, primarily dealing with theory and practical application of news writing, editing, headline writing, makeup, and ethics of the journalism profession. (Formerly 4591) Concurrent enrollment in JOUR 391 is required.

**JOUR 391. Newspaper Production (1) F, S**

Directed activity working on the student newspaper. (Formerly 4597) May be repeated for maximum of 4 units.

**JOUR 393. Yearbook Production (1) F, S**

Directed activity working on the student yearbook. (Formerly 4597) May be repeated for maximum of 4 units.

**JOUR 414. Reporting Public Affairs (2) S**

An advanced reporting class giving emphasis to the city hall, courthouse, police headquarters, federal agencies, courts and other public and political events. Prerequisite: JOUR 201 or approval of instructor.

## MATHEMATICS DEPARTMENT

### *In the Division of Science-Mathematics*

JAMES N. JAVAHER, Head

The courses in Mathematics are designed primarily to provide thorough undergraduate training in pure and applied mathematics. They will serve the needs of majors in science and other departments as well as mathematics majors. Prospective teachers in the elementary and secondary schools are able to obtain teaching majors or minors in mathematics.

The work required for a major in this department presupposes at least seven semesters of mathematics, which should include: Algebra (2 years); plane geometry (1 year); and trigonometry ( $\frac{1}{2}$  year). Solid geometry and physics are desirable. Deficiencies may be made up by proper selection from courses in the lower division. Recommended courses in lower division supporting fields are French, German, or Russian, and general physics.

#### *Departmental Requirements for the Bachelor of Arts*

1. Complete General Requirements for the Baccalaureate Degree. (See page 36.)
2. Complete the following course requirements, including 24 units of upper division courses in mathematics and related subjects, as approved by adviser.

##### *Lower Division*

Analytic geometry and calculus.....	12
Statistics .....	3

##### *Upper Division*

MATH 321. Differential Equations I.....	3
MATH 331. Modern Geometry .....	3
MATH 351. Modern Algebra I.....	3
Electives, as approved by adviser.....	15
Total units .....	39

#### *Mathematics Minor for Bachelor's Degree*

The Mathematics minor for the bachelor's degree consists of a minimum of 15 units. Physical science majors are expected to complete 9 units of analytic geometry and calculus in the lower division, other majors 6 units.

##### *Lower Division*

Analytic geometry and calculus.....	6-9
-------------------------------------	-----

##### *Upper Division*

Electives, as approved by adviser.....	9-6
Total units .....	15

#### *Teaching Minor in Mathematics*

A teaching minor consists of not less than 20 units of mathematics. It may be obtained by adding to the above degree minor 5 units of other upper division mathematics courses, as approved by the adviser.

## COURSE DESCRIPTIONS

### **MATH 160. Statistics** (3) F, S

Introductory course in statistics designed for students in social and natural sciences. Organization and presentation of data; frequency distributions; computation of descriptive constants; fundamentals of distributions, probability, analysis and interpretation of data. Prerequisite: One year of algebra.

### **MATH 301. Foundations of Mathematics I** (3) F, S

New approach to arithmetic through a study of set theory and its applications to arithmetic structures; review of basic principles and S.M.S.G. methods. (Formerly 3611)

### **MATH 302. Foundations of Mathematics II** (3) S

New approach to algebra and geometry through set theory. (Formerly 3612)

### **MATH 311. Advanced Calculus I** (3) F

Limits and continuity, the real number system, continuous functions, extension of the law of the mean, function of several variables, partial differentiation, implicit-function theorems, transformation and mappings, vectors and vector fields, double and triple integrals. (Formerly 3620) Prerequisite: 12 units of analytic geometry and calculus.

### **MATH 312. Advanced Calculus II** (3) S '65

Curves and surfaces, line and surface integrals, point-set theory, fundamental theorems on continuous functions, the theory of integration, infinite series, uniform convergence, power series, improper integrals, complex functions, Fourier series integrals. (Formerly 3621) Prerequisite: MATH 311.

### **MATH 321. Differential Equations I** (3) F '64

Special equations, exact equations, linear equations, series solutions, numerical solutions, Laplace transform and operational methods. (Formerly 3625) Prerequisite: 12 units in analytic geometry and calculus.

### **MATH 322. Differential Equations II** (3) S '65

Bessel's Equation and Function, introduction to partial differential equations, boundary value problems, Legendre polynomials, spherical harmonics, Poisson integral formula, Green's functions. (Formerly 3626) Prerequisite: MATH 321.

### **MATH 331. Modern Geometry** (3) F '64

Emphasis upon foundations of geometry and the interconnections between geometries. Course includes selected topics in Euclidean geometry, brief study of both synthetic and analytic projective geometry, and an introduction to basic ideas of non-Euclidean geometries—both as developed from an investigation of Euclid's Fifth Postulate and the projective approach. (Formerly 4610) Prerequisite: 3 units analytic geometry and calculus.

### **MATH 351. Modern Algebra I** (3) F '64

Elementary properties of groups, rings, integral domains, and fields; an introduction to the theory of vectors and vector spaces. (Formerly 3612) Prerequisite: Approval of instructor.

### **MATH 352. Modern Algebra II** (3) S '65

Algebra of matrices and determinants, linear transformations. Prerequisite: MATH 351.

### **MATH 361. Theory of Probability** (3) S '65

Concept of probability; theorems of total and compound probabilities; concepts of random variables, expected value, variance and covariance; corresponding rules; continuous probability distributions; binomial distribution and its limiting cases; normal distribution and Poisson distribution. (Formerly 4613)

**MATH 362. Inferential Statistics** (3) F '64

Normal and binomial distributions, normal probability function, tests of hypotheses, power of tests, statistical inference, regression analysis. (Formerly 4615) Prerequisites: College algebra and MATH 160.

**MATH 440. Theory of Numbers** (3) S '65

Euclid's algorithm and fundamental theorems on divisibility; prime numbers, congruence of numbers; theorems of Fermat, Euler, and Wilson; congruence of the first and higher degrees, Lagrange's theorem and its applications, residues of power, quadratic residues, introduction to the theory of binary quadratic forms. (Formerly 3623) Prerequisite: 3 units analytic geometry and calculus.

**MATH 498. Individual Study** (1-4) S '65

Investigation of special problems under the direction of members of the department. (Formerly 4612) Prerequisite: Senior standing.

## MUSIC DEPARTMENT

### *In the Division of Creative Arts*

CLIFFORD C. CUNHA, Head

The Department of Music offers curricula leading to the Bachelor of Arts Degree in Liberal Arts—Art and Music, and to state teaching credentials. In addition, the department offers work of interest to professional musicians, private music teachers, and students in the liberal arts who elect music for the enrichment of their cultural background. Departmental emphasis is on the development of the student's creative potential through study and experience in the areas of performance, theory and composition, history and literature.

Students majoring in Music should consult with the head of the department concerning the development of programs of study in specific fields of specialization. It is the responsibility of each prospective music major to secure the departmental list of testing dates and other details pertaining to departmental requirements.

#### *Departmental Requirements for Bachelor of Arts*

1. Complete the General Requirements for the Baccalaureate Degree. (See page 36.)
2. All music majors are required to take proficiency tests in piano, voice, and theory upon entering the department. Additional work will be required to overcome deficiencies in these areas.
3. Upon entering the department, music majors will be required to declare a major performing medium (voice, piano, orchestral instrument, etc.), complete an audition for classification, undertake a program to continue development of this medium, and perform in recitals as required by the department. A successful senior recital in the major performance area or a public presentation in the field of specialization will be presented before approval for graduation. It is recommended that a secondary performance area be chosen.
4. Music Majors will be expected to participate in at least one performing group activity (choral or instrumental) each semester.
5. No minor is required for the Bachelor of Arts degree in Liberal Arts—Art and Music.



## REQUIREMENTS AND RECOMMENDATIONS FOR DEGREE AND CREDENTIALS

	<i>Degree Major</i>	<i>Gen. &amp; Special Secondary Major</i>	<i>Degree Minor</i>	<i>General Secondary Minor</i>
<i>Lower Division</i> *				
Harmony _____	12	12	6	6
Applied music (major instrument or voice) _____	4	4	1-2	1-2
Group performance (instrumental or vocal) _____	4	4	1-2	1-2
Basic conducting _____	2	2	-	1-2
Basic piano (May be waived; piano proficiency test required) _____	-	-	1	1
<i>Upper Division</i>				
MUS 301-304. History and Liter- ature I-IV (3), two semesters _____	6	6	6	6
MUS 321. Modal Counterpoint _____	-	2	-	-
MUS 322. Tonal Counterpoint _____	2	2	-	-
MUS 323. Form and Analysis I _____	2	2	-	-
MUS 324. Form and Analysis II _____	-	2	-	-
MUS 327. Arranging _____	-	2	-	-
MUS 342. Choral Conducting _____	-	2	-	-
MUS 365-368. Instrumental Techniques _____	-	4	-	-
Applied Music (Major instrument or voice; MUS 389, 489, or MUS 371, 471), 1 unit per semester _____	4	4	2	2
Group performance courses (MUS 345, 351, or 354, 1 unit per semester) _____	4	4	1-2	2
MUS 428. Orchestration _____	-	2	-	-
MUS 430. Composition _____	2	2	-	-
MUS 442. Instrumental Conduct- ing _____	-	2	-	-
MUS 301-304. History & Litera- ture I-IV (3), one semester, <i>or</i>	3-4	-	-	-
MUS 324. Form and Analysis II (2), <i>and</i>				
MUS 429. Modern Harmony (2)				
MUS 327. Arranging (2), <i>or</i>	2	-	-	-
MUS 428. Orchestration (2), as approved by adviser				
MUS 301-304. History & Litera- ture I-IV (3), one semester, <i>or</i>	-	2-3	-	-
MUS 429. Modern Harmony (2)				
MUS 436. Music in the Second- ary School (2) _____	-	2	-	-
	47-48	62-63	18-21	20-23

\* The department recommends that students also elect courses in class voice, appreciation, and methods in strings, woodwinds, brass, or percussion in addition to the general education requirements during their freshman and sophomore years.

### ***Teaching Major, Special Secondary Credential in Music***

Candidates for the special secondary credential with the Bachelor of Arts degree must be admitted to the teacher education program and must complete a teaching major in music and professional courses in education as designated in the section on Secondary Education programs. In addition, they must have completed 24 units of liberal arts outside of the division of the major and 45 units in general education courses. No teaching minor is required. The special secondary course is so structured that it is possible to complete all requirements within the outlines of a 16 to 17 unit program taken each semester for four years (total: 134 units). Consultation with department members will be necessary to structure this program.

Requirements in Music for the general secondary credential are the same as the requirements for the special secondary credential. Student teaching is transferred from the fourth to the fifth year, allowing units for completion of a teaching minor. Music courses will be distributed over the five-year period of instruction.

### ***Minimum Credential Requirements***

In addition to the general requirements for all majors and prior to admission to directed teaching, credential candidates must have completed MUS 365, 366, 367, and 368 (methods courses in strings, brass, percussion and woodwinds), and must have passed proficiency tests in piano and voice as follows:

1. Piano—Ability to play a Bach two-part invention, an artistic accompaniment, and four-part hymns at sight.
2. Voice—Ability to sing one song each from the Classical, Romantic, and Modern periods, and any part of a four-part hymn at sight.
3. Complete courses listed under the general and special secondary majors in the table on pages 102 and 103.

### ***General Secondary Credential, Minor in Music***

A minimum of 20 units is required for a minor in music for the General Secondary Teaching Credential. A maximum of 12 lower division units will be allowed. See course requirements in table on page 84.

### ***Recommended Courses for Non-majors***

The Music Department offers courses to students interested in music as a cultural background who do not elect music either as a major or minor. These students are encouraged to take the following courses:

- MUS 201. Survey of Opera (2)
- MUS 270. Piano for Classroom Teachers (2)
- MUS 301-304. History and Literature I-IV (3)
- MUS 345, 351, 354. Group Performance (1)
- MUS 371, 389, 471, 489. Applied Music (1)

### *Fees for Applied Music*

Individual instruction in major instruments or voice is available. The average fee for fifteen 40-minute lessons is \$66.00 per semester.

### COURSE DESCRIPTIONS

**MUS 201. Survey of Opera** (2) F, S

One opera will be surveyed in depth, and ten operas per semester will be heard on broadcasts and discussed in class. Will not count toward major. May be repeated once for credit. No prerequisite.

**MUS 241. Basic Conducting** (2) F

Fundamental score reading and baton technique with assignments covering history and development of the conductor and his place in the world of music, including function of group organization. Prerequisite: One year harmony or approval of instructor.

**MUS 270. Piano for Classroom Teachers** (2) F, S

Basic piano and elements of musical theory.

**MUS 271. Intermediate Piano** (1) F, S

Repertoire of the keyboard. May be repeated for a total of 2 units. Prerequisite: Approval of instructor.

**MUS 301. History and Literature I** (3) F

Study of the development of music before the eighteenth century with emphasis on musical literature. (Formerly 4571-I)

**MUS 302. History and Literature II** (3) S

Continuation of MUS 301; study of eighteenth century. (Formerly 4517-II)

**MUS 303. History and Literature III** (3) F

Continuation of MUS 302; study of nineteenth century. (Formerly 4571-III)

**MUS 304. History and Literature IV** (3) S

Continuation of MUS 303; study of twentieth century. (Formerly 4571-IV)

**MUS 321. Modal Counterpoint** (2) F

(Formerly 3583-I) Prerequisite: 2 years of harmony.

**MUS 322. Tonal Counterpoint** (2) S

(Formerly 3583-II) Prerequisite: 2 years of harmony.

**MUS 323. Form and Analysis I** (2) F

Development of ability to analyze and work with musical form from the phrase to small two- and three-part forms. (Formerly 4583-I) Prerequisite: 2 years of harmony or approval of the instructor.

**MUS 324. Form and Analysis II** (2) S

Study and analysis of larger musical forms, including the variation, sonata, and symphony. Creative writing in some forms. (Formerly 4583-II) Prerequisite: MUS 323.

**MUS 327. Arranging** (2) F

Development of skills in arranging music for use by school vocal and instrumental ensembles. (Formerly 3584) Prerequisite: 2 years harmony or equivalent, or approval of instructor.

**MUS 335. Music in the Elementary School (2) F**

Aims, methods, and organization of materials for music of the elementary school. (Formerly 3571) Not applicable for General Education or Liberal Arts credit. Prerequisite: MUS 270 or equivalent.

**MUS 342. Choral Conducting (2) S '65**

Study and interpretation of style development in choral literature from Renaissance to Contemporary. (Formerly 4583-II) Prerequisite: MUS 241.

**MUS 345. Orchestra (1) F, S**

Required of music students whose performing medium is an orchestral instrument. May be repeated for a maximum of 4 units with permission of the instructor. (Formerly 4573) Prerequisite: Approval of the instructor.

**MUS 351. College Chorus (1) F, S**

Required of music students whose performing medium is voice. May be repeated for a maximum of 4 units with permission of the instructor. (Formerly 4577) Prerequisite: Approval of instructor.

**MUS 354. Collegium Musicum (1) F, S**

Vocal and instrumental ensembles in performance of unusual music, emphasizing pre-Bach composers. (Formerly 4569) May be repeated for a maximum of 4 units with permission of the instructor. Prerequisite: Approval of instructor.

**MUS 365. String Techniques (1) F '64**

Teaching and playing techniques of violin, viola, cello, bass. (Formerly 3590) Prerequisite: Approval of instructor.

**MUS 366. Brass Techniques (1) S '65**

Teaching and playing techniques of trumpet, trombone, French horn, tuba. (Formerly 3592) Prerequisite: Approval of instructor.

**MUS 367. Percussion Techniques (1) F**

Teaching and playing techniques of all the standard percussion instruments. (Formerly 3591) Prerequisite: Approval of instructor.

**MUS 368. Woodwind Techniques (1) S**

Teaching and playing techniques of flute, oboe, clarinet, bassoon. (Formerly 3593) Prerequisite: Approval of instructor.

**MUS 371. Advanced Piano (1) F, S**

(Formerly 4578) Placement to be determined by audition and consultation with the music staff. Class instruction. May be repeated for a total of 2 units.

**MUS 389. Applied Music (1) F, S**

Studio instruction in voice, organ, and the major orchestral instruments. (Formerly 3582) Placement to be determined by audition and consultation with music staff. May be repeated for a total of 2 units.

**MUS 428. Orchestration (2) S**

Study of technical aspects of orchestral instruments and development of skills in scoring for advanced instrumental ensembles. (Formerly 4584) Prerequisite: MUS 327, or approval of instructor.

**MUS 429. Modern Harmony (2) F**

Study and application of techniques of harmony from the time of Wagner to the present. (Formerly 4589) Prerequisite: Approval of instructor.

**MUS 430. Composition (2) S**

Original composition in various forms with opportunity to develop personal musical style. (Formerly 4587) May be repeated for a maximum of 4 units of credit. Prerequisite: Approval of staff.

**MUS 436. Music in the Secondary School (2) S**

Aims, methods, and organization of materials for the music program of the junior and senior high school. (Formerly 3574) Not applicable for General Education or Liberal Arts credit. Prerequisite: MUS 270 or equivalent.

**MUS 442. Instrumental Conducting (2) S**

Interpretation of instrumental scores from classic era to the present. (Formerly 4585-III) Prerequisite: MUS 241.

**MUS 471. Advanced Piano (1) F, S**

(Formerly 4578) Placement to be determined by audition and consultation with the music staff. Class instruction. May be repeated for a total of 6 units.

**MUS 489. Applied Music (1) F, S**

Studio instruction in voice, organ and the major orchestral instruments. (Formerly 4582) Placement to be determined by audition and consultation with the music staff. May be repeated for a total of 6 units.

**MUS 498. Individual Study (1-4) F, S**

(Formerly 3572 and 4572) Registration only on approval of instructor.

# PHILOSOPHY DEPARTMENT

## *In the Division of Humanities*

Philosophy may be used as a preparation for law, theology, and similar professional programs. In 1963-64 only a minor in Philosophy will be available.

### *Minor in Philosophy*

A minimum of 12 units in Philosophy, approved by the major adviser, will complete a degree minor. Six of these units shall be a sequence in introduction to philosophy or PHIL 311 and PHIL 312, the history of philosophy sequence.

### COURSE DESCRIPTIONS

**PHIL 301. Ethics** (3) F

Analysis of problems of social and personal morality considered from a historical standpoint. Theories of the highest good.

**PHIL 311. History of Ancient and Medieval Philosophy** (3) F

Greek thought as a foundation for European philosophy. Development of philosophical thought through the medieval period.

**PHIL 312. Modern Philosophy** (3) S

Western philosophy from Descartes to Spencer: continental rationalism, Berkeleyan empiricism, Kant and the post-Kantian German philosophy, and the nineteenth century British philosophers.

**PHIL 313. Contemporary Philosophy** (3) F '64

Examination of the philosophical systems developed in the twentieth century, including pragmatism, phenomenology, existentialism, process philosophy, analysis philosophy, logical positivism, and neo-orthodoxy. (Formerly 3541)

**PHIL 322. Comparative Religious Philosophy** (3) S

Critical inquiry into nature of religious experience considered from the philosophies of the world's living religions including Buddhism, Confucianism, Judaism, Christianity, and others.

**PHIL 401. Aesthetics** (3) F '64

Consideration of the problems of appreciation and criticism of aesthetic experiences in creative art forms.

**PHIL 412. Theory of Knowledge** (3) S '65

Basic considerations of problems of epistemology. Idealism, phenomenalism, pragmatism, empiricism, realism as theories to be discussed in light of the fields of science, education, and politics.

**PHIL 498. Individual Study** (1-4) F, S

Provides opportunity for the acquisitions of depth in special problems. Prerequisite: Approval of instructor.

# PHYSICAL SCIENCE DEPARTMENT

## *In the Division of Science-Mathematics*

CHRIS A. GALAS, Head

The Department of Physical Science provides courses in the areas of astronomy, chemistry, and geology. Courses in physics provided by the Department of Mathematics and Physics appear on page 93. Common objectives of the curricula are to prepare students for careers in the various disciplines of the physical sciences, to provide service courses for students majoring in related departments, and to offer courses for students seeking a liberal education and desiring to increase their understanding of the physical world through scientific methods.

In this Department students may earn a degree of Bachelor of Arts in Science-Mathematics with a major in Physical Science. The curriculum is designed for students who plan to

1. Teach chemistry, physics, and physical science in the schools.
2. Obtain technical positions in scientific laboratories allied to such fields as chemistry, medicine, and food processing.
3. Enter sales, library, patent, or supervisory work in businesses or industries having chemical or technical products.

### *Departmental Requirements for the Bachelor of Arts*

1. Complete the General Requirements for the Baccalaureate Degree. (See page 36.)
2. Complete a minor. Mathematics or biology is recommended.
3. Complete the following course requirements:

#### *Lower Division*

General chemistry and qualitative analysis.....	10
General physics .....	8
Analytic geometry and calculus (Supporting field: 6 units)	

#### *Upper Division*

Elect 12 units from the following courses with not more than 8 from either chemistry or physics: .....		12
CHEM 321. Principles of Organic Chemistry (4)		
CHEM 322. Principles of Organic Chemistry, Laboratory (2)		
CHEM 327. Organic Chemistry I (4)		
CHEM 328. Organic Chemistry II (4)		
PHYS 311. Analytical Mechanics (4)		
PHYS 322. Electromagnetism (4)		
PHYS 351. Thermodynamics (3)		
PHYS 372. Modern Physics (3)		
GEOL 300. Principles of Geology.....		3
ASTR 300. Descriptive Astronomy .....		3
PHSC 412. History of Physical Science.....		3

Total units .....

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39

Slight variations of this program may be necessary and are possible, depending upon course selections in the lower division. Students who

plan to continue their studies on the graduate level are advised to take at least one year of French, German, or Russian.

#### *Teaching Major: Physical Science*

The program as outlined above for the bachelor's degree will satisfy the requirements for a secondary teaching major.

#### *Minor for the Bachelor of Arts*

Degree minors are offered in the areas of chemistry or physics only.

**Chemistry:** A minor in chemistry for the Bachelor of Arts degree consists of a minimum of 18 units, 8 of which must be in the upper division.

**Physics:** A minor in physics for a Bachelor of Arts degree requires a minimum of 14 units, 6 of which must be in the upper division.

#### *Teaching Minor*

A teaching minor in Physical Science requires 20 units. These requirements can be met by adding upper division courses offered by the Department of Physical Science to the program outlined under Minor for the Bachelor of Arts.

## COURSE DESCRIPTIONS

### ASTRONOMY

#### **ASTR 300. Descriptive Astronomy** (3) S

Topics in the development of astronomy: the solar system, and the stars. Lectures, observations, and field trips. (Formerly 3685) Prerequisite: Approval of instructor.

#### **ASTR 311. History of Astronomy** (3) F

Progress of astronomy in Europe and the United States and its impact on other sciences and philosophy. Prerequisite: ASTR 300 or approval of instructor.

#### **ASTR 498. Individual Study** (1-4)

Prerequisite: Approval of instructor.

### CHEMISTRY

#### **CHEM 111. General Chemistry I** (3) F

Introduction to fundamental principles and methods of chemistry. Prerequisites: Chemistry, physics, and algebra, or approval of instructor.

#### **CHEM 112. General Chemistry II** (3) S

Study of elements, including their chemistry and technology. Prerequisites: CHEM 111 or equivalent.

#### **CHEM 113. General Chemistry I, Laboratory** (1) F

Three hours of laboratory taken concurrently with CHEM 111.

#### **CHEM 114. General Chemistry II, Laboratory** (1) S

Three hours of laboratory taken concurrently with CHEM 112.

#### **CHEM 301. The Atomic Age** (3) F '63

Study of the atomic structure, radioactivity, atomic energy. Designed to help the non-scientist understand an important segment of modern science. Not open to science majors. Prerequisites: One semester of physical science or chemistry or physics.



**CHEM 321. Principles of Organic Chemistry (4) F '64**

Comprehensive organic chemistry including aliphatic, aromatic, and biochemistry. (4 hours of lecture and demonstrations) (Formerly 3662) Prerequisite: One year of general college chemistry (10 units), or approval of instructor.

**CHEM 322. Principles of Organic Chemistry, Laboratory (2) S '65**

Basic laboratory techniques and synthesis. (6 hours of laboratory) Prerequisite: CHEM 321.

**CHEM 327. Organic Chemistry I (4) F '63**

Principles of organic chemistry. Aliphatic compounds. Basic techniques and synthesis. (3 hours of lecture and 3 hours of laboratory) (Formerly 3662-I) Prerequisite: One year of college chemistry (10 units).

**CHEM 328. Organic Chemistry II (4) S '64**

Principles of organic chemistry. Aromatic and heterocyclic compounds. Basic techniques and synthesis. (3 hours of lecture and 3 hours of laboratory) (Formerly 3662-II) Prerequisites: CHEM 327 or approval of instructor.

**CHEM 498. Individual Study (1-4)**

(Formerly 4699) Prerequisite: Approval of instructor.

**GEOLOGY**

**GEOL 300. Principles of Geology (3) F**

Survey of structure and materials that compose the outer portion of the earth, and geologic processes responsible for sculpturing the earth of today. Non-technical study of rocks, minerals, fossils; origin, geologic history and evolution of life on earth. (Lectures, demonstrations, and field trips) (Formerly 3681) Prerequisite: One year of science.

**GEOL 321. Descriptive Mineralogy (3) S**

Comprehensive study of physical and chemical properties of minerals; deals with description and determination of minerals on basis of their physical properties. (Lectures, laboratory, and field trips) Prerequisite: CHEM 111 or equivalent.

**PHYSICAL SCIENCE**

**PHSC 101. Fundamentals of Physical Science I (3) F**

A survey of science for non-science majors. Topics dealing with the dynamics of astronomy, meteorology and physics. (Lectures, demonstrations, and field trips)

**PHSC 102. Fundamentals of Physical Science II (3) S**

A survey of science for non-science majors. Topics dealing with astronomy, chemistry and geology. (Lectures, demonstrations, and field trips)

**PHSC 412. History of Physical Science (3) S**

Development of the Physical Sciences from beginnings to present; influence of science upon developments of philosophy, technology, culture, and civilization. Prerequisites: Minimum of 6 units in physical science, and approval of instructor.

## PHYSICS

JAMES N. JAVAHER, Head

### **PHYS 311. Analytical Mechanics (4) F '64**

Study of basic principles of mechanics with applications to the central force and harmonic oscillator problems; study of statics and dynamics of rigid bodies. (Formerly 3674 and 3675) Prerequisites: 3 semesters of calculus and 1 year of lower division physics.

### **PHYS 322. Electromagnetism (4) S '65**

Fundamental principles, their application to both direct current and alternating current circuit theory. Introduction to Maxwell's electromagnetic theory of light and radio waves. (Formerly 3676 and 3677) Prerequisites: MATH 321, and 1 year of general physics.

### **PHYS 324. Electrical Measurements (2) S '65**

Theory and use of electrical instruments. Measurements of direct and alternating current circuits, mutual and self inductance, capacitance, magnetism and hysteresis. (1 hour lecture; 3 hours laboratory.) Prerequisite: PHYS 322 or concurrent registration.

### **PHYS 351. Thermodynamics (3) F '63**

Study of expansion of matter, transmission of heat, specific heat, temperature, change of state, kinetic theory, Van der Waals equation. (Formerly 3673) Prerequisite: 3 semesters of analytic geometry and calculus. MATH 321 is recommended.

### **PHYS 372. Modern Physics (3) S '64**

Study of the important developments in physics arising from the discovery of the electron, X-rays, and radioactivity. (Formerly 3672) Prerequisite: 3 semesters of calculus.

# POLITICAL SCIENCE DEPARTMENT

## *In the Division of Social Sciences*

DON W. DRIGGS, Head

Students seeking a Bachelor of Arts degree in Liberal Arts-Social Sciences with a concentration in Political Science (at least 12 upper division units) may arrange their programs with a view to attaining one or more of several objectives, such as: (1) a broad knowledge of political institutions and issues as the central element of a liberal arts education; (2) a basic knowledge of the techniques of government for those desiring a career in public administration or foreign service; (3) pre-professional education for students planning to enter law school; and (4) a fundamental knowledge of political science as a preparation for teaching and/or later specialization at the graduate level.

### *Departmental Requirements for the Bachelor of Arts*

See Division of Social Science, Divisional Requirements for Bachelor of Arts.

### *Degree Minor in Political Science*

Fifteen units are required, including at least 9 units in upper division courses.

### COURSE DESCRIPTIONS

#### **PSCI 101. Federal, State, and Local Governments** (3) F, S

Survey course, emphasizing American ideals and political institutions at each level of government with emphasis in second part of course on California government. Meets American government and California government requirements.

#### **PSCI 301. Comparative Government** (3) S

Study of government and politics of France, Germany, Great Britain, and Soviet Union. (Formerly 4752) Prerequisite: Course in American government or approval of instructor.

#### **PSCI 321. Ancient and Medieval Political Thought** (3) F '63

Historical development of political philosophy from the classical period of Plato and Aristotle to the seventeenth century. (Formerly 4755)

#### **PSCI 322. Modern Political Thought** (3) S '64

Study of political thought from the seventeenth century to the present, with emphasis on European philosophers such as Hobbes, Locke, Rousseau, and Marx. (Formerly 4756) Background in European history desirable.

#### **PSCI 323. American Political Thought** (3) F '64

Study of main trends of American political thinking from colonial times to the present. (Formerly 4751) Prerequisite: Course in American history or approval of instructor.

#### **PSCI 330. Contemporary World Problems** (3) F

Study of the background of important international political issues of the nuclear age. (Formerly 4750 and 4760)

**PSCI 351. Political Parties (3) F '64**

Critical analysis of the political party as a part of the process of government: study of party organization and activities, campaign methods, and party responsibility. Prerequisite: Course in American government, or approval of instructor.

**PSCI 403. Constitutional Law (3) F '63**

Interpretation of the Constitution by the Supreme Court: study of leading constitutional cases in American history. Prerequisite: Course in American government or approval of instructor.

**PSCI 424. Communism, Fascism, and Democracy (3) S '65**

Comparative study of major contemporary political philosophies, with consideration of the institutions through which these ideologies attempt to realize their objectives. Comparison of theory and practice. (Formerly 4759) Prerequisite: Course in American government, comparative government or approval of instructor.

**PSCI 433. American Foreign Policy (3) S**

Study of governmental machinery for the conduct of American foreign relations; analysis of twentieth-century foreign policy of the United States with emphasis on post-World War II period. (Formerly 4754) Background in recent American history desirable.

**PSCI 498. Individual Study (1-4) F, S**

(Formerly 4758) Prerequisite: Approval of instructor before registration.

## PSYCHOLOGY DEPARTMENT

### *In the Division of Social Sciences*

Students seeking a Bachelor of Arts degree in Liberal Arts-Social Science with a concentration in Psychology (at least 12 upper division units) may arrange their programs with a view toward attaining one or more of several objectives, such as: (1) a fundamental knowledge of psychology as the central element of a broad liberal arts education; (2) preparation in psychology for personnel work in business and government; (3) qualification as a psychological examiner, school psychologist, school social worker, or school counselor; \* (4) preparation for graduate training leading to certification as Certified Psychologist or teaching on the college level.

#### *Departmental Requirements for the Bachelor of Arts*

See Division of Social Sciences

#### *Degree Minor in Psychology*

Fifteen units are required, including at least 9 units in upper division courses.

#### COURSE DESCRIPTIONS

**PSYC 101. General Psychology (3) F**

Introductory course dealing with the principles of human behavior. Required General Education course.

**PSYC 311. Child Psychology (3) F**

Development of behavior patterns in the normal child from conception to twelve years of age. (Formerly 3773) Prerequisite: PSYC 101.

**PSYC 312. Psychology of Adolescence (3) S**

Intensive study of the characteristics prominent in the adolescent. (Formerly 3774) Prerequisite: PSYC 101.

**PSYC 321. Mental Health (2) F**

Basic principles of mental health; mental hygiene practices in the school; responsibility of the home, school, and community for mental health of children and youth. (Formerly 4772) Prerequisite: PSYC 101.

**PSYC 322. Mental Deficiency (3) S**

Nature and causes of mental deficiency; problems of social control, including education, social adjustment, institutionalization, and community responsibility. (Formerly 4773) Prerequisite: PSYC 101.

**PSYC 421. Abnormal Psychology (3) F**

Psychology of abnormal behavior: neurosis and psychosis, stressing etiology, symptoms, dynamics, diagnosis, and treatment. (Formerly 4777) Prerequisite: PSYC 101.

**PSYC 422. Clinical Psychology (3) S**

Fundamental concepts of clinical testing, diagnosis, therapy, and research. (Formerly 4778) Prerequisites: PSYC 101 and PSYC 421 or approval of instructor.

\* Those interested in these programs should consult with advisers in the Division of Education.

**PSYC 431. Social Psychology (3) F '64**

Inquiry into group dynamics; social interaction and its effects upon the individual and the group. (Formerly 4776) Prerequisite: PSYC 101.

**PSYC 432. Psychology of Personality (3) F '65**

Biological and cultural determinants of personality; measurement or appraisal of personality traits; integration of personality. (Formerly 4775) Prerequisite: PSYC 101.

**PSYC 471. Theory and Research in Learning (3) S**

Consideration of major theoretical systems of learning and basic research in establishing principles of the learning process. (Formerly 4700) Prerequisite: PSYC 101.

**PSYC 498. Individual Study (1-4) F, S**

(Formerly 4779) Prerequisite: Approval of instructor before registration.

**PSYC 525. Techniques of Interviewing (3) F**

Study of interviewing techniques; demonstrations and practice of approved procedures; examination and use of appropriate materials. Required for Pupil Personnel Credential. (Formerly 5781) Prerequisite: Approval of instructor.

**PSYC 528. Advanced Counseling (3) S**

Counseling theory and techniques; materials, records and demonstrations; practice of counseling procedures. Required for Pupil Personnel Credential. (Formerly 5783) Prerequisites: PSYC 561 and 421 or approval of instructor.

**PSYC 561. Group Psychological Testing (3) F**

Basic concepts of psychological measurement as applied in the construction, evaluation, and use of group-administered tests of intelligence, aptitude, interest, and personality. (Formerly 5774) Prerequisites: MATH 160 and PSYC 442, or approval of instructor.

**PSYC 562. Individual Psychological Testing (3) S**

Concept of intelligence, including its historical development and current theories; supervised experience in administration, scoring, and interpretation of standardized intelligence tests. (Formerly 5775) Prerequisites: PSYC 561 and approval of instructor.

## SOCIAL SCIENCES DIVISION

DON W. DRIGGS, Chairman

At the present time, the only degree authorized in the Division of Social Sciences is a Bachelor of Arts in Liberal Arts-Social Science. Students desiring to major in social science may use it as the central element of a liberal arts education, as a teaching major for elementary or secondary schools, as preparation for a variety of occupations (see departmental statements), or as preparation for later specialization at the graduate level.

### *Divisional Requirements for the Bachelor of Arts*

Students planning to major in Social Science must meet the following requirements (requirements for a major in History, page 76):

1. Complete the General Requirements for the Baccalaureate Degree (See page 36.)
2. Complete a major of not less than 45 units (including General Education courses), of which not less than 24 must be in the upper division.
3. Complete at least 12 units of upper division work in one department within the Division of Social Sciences.
4. Demonstrate proficiency in a foreign language appropriate to the field of study. (Applies to students enrolling in the Fall of 1964 and after.)

No minor is required for students completing a 45 unit Social Science major.

### *Minor in Social Science*

A divisional minor is not offered. See the respective departments for departmental requirements for minors.

## COURSE DESCRIPTIONS

(See also the courses under various departments)

### **SOSC 491. Social Science Research Methods and Materials (3) F**

Lays a broad foundation in bibliography and methods. Critical analysis and evaluation of sources; design of research; questionnaires and interviews; statistical treatment. (Formerly 4792)

### **SOSC 498. Individual Study (1-4) F, S**

May be used for study programs in the various social science disciplines. (Formerly 4790) Prerequisite: Approval of instructor before registration.

### **SOSC 598. Individual Study (1-4) F, S**

(Formerly 5790) Prerequisite: Approval of instructor before registration.

# SOCIOLOGY AND ANTHROPOLOGY DEPARTMENT

## *In the Division of Social Sciences*

ROBERT N. DAVIDSON, Head

Students who hold a Bachelor of Arts degree in sociology or cultural anthropology are qualified for professional roles in social welfare services, correctional institutions, mental health services and institutions, in probation and parole work, and for continuing their studies on the graduate level.

### *Departmental Requirements for the Bachelor of Arts*

See requirements of the Social Sciences Division.

### *Degree Minor in Sociology-Anthropology*

Fifteen units are required, including at least 9 units in upper division courses.

## COURSE DESCRIPTIONS

### ANTHROPOLOGY

#### **ANTH 321. Indians of California** (3) F

Origin and relationships of native-tribal divisions, art, customs, industry, and beliefs. (Formerly 3793)

#### **ANTH 322. Indians of the Plains** (3) S '64

Study of social organization, supernaturalism, and material culture of American Plains cultural area. Comparative analysis of certain primitive groups with modern society (Formerly 4795)

#### **ANTH 498. Individual Study** (1-4) F, S

Prerequisite: Approval of instructor before registration.

### SOCIOLOGY

#### **SOCL 201. Introduction to Sociology** (3) F

Survey of the characteristics of social life, the processes of social interaction, and the tools of sociological investigation.

#### **SOCL 311. Collective Behavior** (3) F

Basic forms of collective behavior in terms of their institutional and sociological consequences. Emphasis on personal and social significances of mass society. Prerequisite: SOCL 201 or approval of instructor.

#### **SOCL 312. Contemporary Social Problems** (3) S

Study of the sociology of deviate behavior and social disorganization. Study of the diagnosis and treatment of problems arising from social and cultural disorganization. Race relations, crime, old age, industrial conflict, drug addiction, and world population crisis. Prerequisite: SOCL 201 or approval of instructor.

#### **SOCL 313. Sociology of the Family** (3) F

Systematic and comparative analysis of family structure in both contemporary and primitive cultures; study of the influence of the family upon personality. (Formerly 4783) Prerequisite: SOCL 201 or approval of instructor.

#### **SOCL 316. Industrial Sociology** (3) S '65

Industrialization in Western and non-Western societies; social organization of work; internal dynamics of work plant as a social system; and labor-management-



relations in various settings. (Formerly 4781) Prerequisite: SOCL 201 or approval of instructor.

**SOCL 341. Rural and Urban Societies (3) F '64**

Contrast of traditionally rural and urban societies, particularly in the United States; current trend toward the dispersion to suburbia. (Formerly 4784) Prerequisite: SOCL 201 or approval of instructor.

**SOCL 342. Population Problems (3) S '65**

Emphasis on the United States and the present world situation; pressure areas, conflicts, birth and death trends. Prerequisite: SOCL 201 or approval of instructor.

**SOCL 422. Social Welfare and Correctional Work (3) S**

Organization, concepts, and methods used by private and public agencies, with emphasis on social welfare, probation, and corrections at both state and local level. (Formerly 4782) Prerequisite: SOCL 201 or approval of instructor.

**SOCL 424. Sociology of Crime and Delinquency (3) S**

Social factors in criminal and delinquent behavior; regional, cultural, institutional, and group variables; personal and group alienation; social psychological conditions of criminality. (Formerly 4787) Prerequisite: SOCL 201 or approval of instructor.

**SOCL 426. Laws Relating to Children and Youth (2) S**

Study of educational and statutory regulations relating to children and youth. (Formerly 4789) Prerequisite: SOCL 201 or approval of instructor.

**SOCL 427. Occupational Analysis and Information (3) F**

Sources of occupational information; community and nation-wide surveys; job analyses; procedures for relating vocational and self information. (Formerly 4790) Prerequisite: SOCL 201 or approval of instructor.

**SOCL 431. Race and Minority Group Relations (3) F '64**

Sociology of majority-minority relations in contemporary society, especially American. Attention to specific ethnic, religious, and racial minorities in terms of prejudice and discrimination, with particular concern for minority status of the American Negro. Prerequisite: SOCL 201 or approval of instructor.

**SOCL 451. Culture and Personality (3) S '65**

Human nature in evolutionary and cross-cultural perspective. Special attention to relating theories of anthropology, psychology, and sociology to methods of studying personality in non-Western societies. Prerequisite: SOCL 201 or approval of instructor.

**SOCL 498. Individual Study (1-4) F, S**

(Formerly 4788) Prerequisite: Approval of instructor before registration.

**SOCL 525. Family Counseling and Community Resources (3) F**

Study of the dynamics of relationships of family, community, and school; community-wide services, agency-school relationships; family visiting, including conferences, interviews, referrals. Required for Pupil Personnel Credential. (Formerly 5785) Prerequisite: EDUC 479, SOCL 313, or approval of instructor.

**SOCL 528. Case Study and Case Conference Techniques (3) S**

Analysis of case studies; study of techniques and procedures used in case study; presentation of cases with critical analysis. Required for Pupil Personnel Credential. (Formerly 4784) Prerequisite: SOCL 424 or approval of instructor.

**SOCL 598. Individual Study (1-4) F, S**

(Formerly 5788) Prerequisite: Approval of instructor before registration.

# SPEECH AND DRAMA DEPARTMENT

## *In the Division of Humanities*

MAX C. NORTON, Head

The Bachelor of Arts in Liberal Arts-Humanities with a major in Speech and Drama is designed for those students whose professional careers require particular skill in oral expression.

The curriculum prepares students for careers in various areas of speech with courses offered in the following fields: (1) rhetoric, discussion and public address, (2) oral interpretation and dramatic arts, (3) speech pathology and audiology. In addition to a basic background in oral communication, the degree provides concentration in one of two areas: (1) public speaking, discussion and debate, (2) speech pathology and audiology.

### *Departmental Requirements for the Bachelor of Arts*

1. Complete the General Requirements for the Baccalaureate Degree. (See page 36.)
2. Complete the following major requirements:
  - a. *Lower Division*
    - Public speaking, discussion and debate..... 6
    - Oral interpretation and dramatic arts..... 6
  - b. *Upper Division*
    - SPCH 300. Phonetics ..... 3
    - SPCH 305. General Semantics ..... 3
    - Oral interpretation and dramatic arts..... 3
    - SPCH 340,\* 341, 440 and DRAM 320, 321, and 421)
    - Public speaking, discussion and debate..... 3
    - (SPCH 310, 312, 360, 410, 411, and 412)
  - c. 12 Units in one of the following areas of concentration:
 

(1) Public speaking, discussion and debate concentration (SPCH 310, 312, 360, 410, 411, and 412).....	12
(2) Speech pathology and audiology concentration (SPCH 360, 361, 461, 462, 463, 464, and 467).....	12
Total units .....	36
3. Completion of a degree minor outside the Department of Speech and Drama: The minor selected must be in a field which supports the major area of concentration.

### *Minor in Speech and Drama*

The minor requirement for the Bachelor of Arts consists of 18 units, 12 of which must be in upper division course work.

#### *Lower Division*

Oral interpretation, extemporaneous speaking, and dramatic arts..... 6

#### *Upper Division*

SPCH 300. Phonetics ..... 3

SPCH 305. General Semantics ..... 3

Electives in Speech and Drama selected from courses which support the student's major ..... 6

Total units ..... 18

\* This course is offered in summer sessions.

### Teaching Major in Speech and Drama: Secondary Credential

Students desiring to obtain the General Secondary Credential with a teaching major in Speech and Drama must fulfill the following requirements:

1. Admission to the credential program.
2. Possession of a bachelor's degree.
3. Completion of professional education courses as prescribed by the Division of Education.
4. Completion of 45 units in Speech and Drama, 36 units of which consist of the undergraduate major, and 6 units which must be taken in the graduate year.
5. Completion of a teaching minor.

### Teaching Minor in Speech and Drama: Secondary Credential

The teaching minor in Speech and Drama for the General Secondary Credential may also be used for the bachelor's degree. This minor consists of a minimum of 24 units to include the following:

#### Lower Division

Communicative speech: public speaking, discussion and debate.....	3
Interpretative speech: oral interpretation and dramatic arts.....	3
Basic oral communication: speech fundamentals.....	3

#### Upper Division

SPCH 300. Phonetics .....	3
Rhetoric and platform speaking (SPCH 310, 312, 360, 410, 411, and 412) .....	3
Dramatic arts and oral interpretation (SPCH 340,* 341, 440 and DRAM 320, 321, and 421) .....	3
Speech correction and audiology (SPCH 360, 361, 461, 462, 463, 464, and 467) .....	3
SPCH 450. Speech and Dramatic Activities for Children *.....	3
<hr/>	
Total units .....	24

### Credential to Teach Exceptional Children: Speech Correction and Lip Reading

The College is not authorized to offer the Credential at this time; however, courses taken in this area may be used to satisfy certain requirements when application for the Credential is submitted to the State. Requirements for the Credential are as follows:

1. Candidate must hold a valid, regular teaching credential.
  2. Candidate must complete 24 semester hours of upper division or graduate work including:
    - A. General Area
      - EDUC 485. Education of Exceptional Children and Youth..... 3
      - EDUC 556. Counseling and Guidance of the Handicapped \*..... 2
      - SPCH 360. Psychology of Speech and Language Development..... 3
      - SPCH 361. Principles of Speech Correction..... 3
      - Directed Teaching in area of specialization—Education..... 4
- 
- Total units ..... 15

\* This course is offered in summer sessions.

## B. Specific Requirements

SPCH 300. Phonetics .....	3
SPCH 461. Advanced Organic Speech Correction .....	2
SPCH 462. Advanced Functional Speech Correction .....	2
SPCH 463. Audiometry and Hearing Conservation .....	3
SPCH 464. Lip Reading and Aural Rehabilitation .....	3
Clinical Methods and Clinical Practice (200 clock hours) This course is not available in 1963-64	
Additional preparation to complete 24 units .....	11
<hr/>	<hr/>
Total units .....	24

## COURSE DESCRIPTIONS

### DRAMA

#### **DRAM 320. Play Production I (2) F**

Activity course. Practice in production of historical and contemporary drama; preparation of original scripts, exploration of styles of acting, directing and staging. Emphasis on production of plays for public presentation. Four hours of class for two hours of credit; one hour by arrangement. (Formerly 3588) No prerequisite.

#### **DRAM 321. Play Production II (2) S**

Continuation of DRAM 320, with additional emphasis on technical aspects of the theater. No prerequisite. (Formerly 3589)

#### **DRAM 421. History of the Theater (3) S '65**

Historical analysis of the dramatic and theatrical activity from Ancient Greece to present day America. (Formerly 4593) Prerequisite: DRAM 320 or 321 or equivalent.

### SPEECH

#### **SPCH 300. Phonetics (3) F**

Analysis of general American speech with emphasis on synthesis in connected discourse. Practice and drill with the International Phonetic Alphabet. Studies in application of phonetics to the field of general linguistics including communication of meaning, dialects, pronunciation in foreign languages, speech correction, and the teaching of reading by phonics. (Formerly 3590)

#### **SPCH 305. General Semantics (3) F**

Begins with a method for analyzing belief systems as fundamental to intra-personal and inter-personal communication, proceeds to a study of semantics including "General Semantics," its principles, literature, and methodology. (Formerly 3591)

#### **SPCH 310. Forensics (2) F, S**

Planning and participation under faculty supervision in college-sponsored speech and forensics activities. May be repeated for a total of four units. (Formerly 3587) Prerequisite: Approval of instructor.

#### **SPCH 312. Advanced Public Speaking (3) F**

Emphasis on advanced compositional techniques to give understanding of problems in speaking before audiences of various kinds; motivation, suggestive techniques, involvement methods and ethics of persuasion. (Formerly 3596) Prerequisite: Fundamentals of speech or equivalent.

#### **SPCH 341. Oral Interpretation (3) F**

Practice in reading and the oral interpretation of manuscripts, preparation of poetry and prose for presentation, techniques of cutting books and plays for review. (Formerly 3598) Prerequisite: Fundamentals of interpretation or equivalent.

**SPCH 360. Psychology of Speech and Language Development (3) F**

Development of normal speech and language in children considered from psychological and semantic standpoints. (Formerly 4590) Prerequisite: SPCH 305 or equivalent.

**SPCH 361. Principles of Speech Correction (3) F**

Etiology and treatment of speech disorders, including articulatory and voice disorders, cleft palate, foreign dialect and delayed speech; included guided observations. (Formerly 3584)

**SPCH 410. Discussion and Group Leadership (3) F**

Principles and practice of group discussion, conference development and leadership as tools in a democracy. Procedures for effecting problem-solving through group interaction in education, industry and community affairs. (Formerly 4586) Prerequisite: SPCH 312 or equivalent.

**SPCH 411. Communication Analysis and Criticism (3) S**

Continuation of Speech 410. Study of communication theory, including public address and mass media, culminating in a critical analysis of factors influencing the acceptance of ideas. (Formerly 4579)

**SPCH 412. Persuasion and Debate (3) S**

Study in the principles of persuasive discourse with emphasis on speaker-listener relationship. Applications to forms of debate. (Formerly 4592)

**SPCH 440. Reader's Theater (3) S '65**

Cutting, arranging, and interpreting plays for group presentation in the reader's theater setting. May be repeated for total of 6 units. Maximum of 3 units accepted for graduate credit. (Formerly 3592)

**SPCH 461. Advanced Organic Speech Correction (2) S**

Theories and therapies of speech disorders resulting from organic anomalies. Emphasis on oral deformities, cleft palate, cerebral palsy and aphasia. (Formerly 4575) Prerequisite: SPCH 361.

**SPCH 462. Advanced Functional Speech Correction (2) S**

Theories, diagnosis and treatment of speech disorders originating by emotional factors including stuttering, delayed speech, and functional articulation disorders. (Formerly 4576) Prerequisite: SPCH 361.

**SPCH 463. Audiometry and Hearing Conservation (3) S**

Anatomy and pathologies of hearing mechanism; acoustics and puretone testing techniques with bases of referral and follow up procedures. (Formerly 4598) Prerequisite: Senior standing or approval of instructor.

**SPCH 464. Lip Reading and Aural Rehabilitation (3) S**

Principles of teaching lip reading to the acoustically handicapped. Analysis of communication through visible aspects of speech. Principles and techniques of auditory training. (Formerly 4597) Prerequisite: Senior standing or approval of instructor.

**SPCH 467. Advanced Phonetics and Structural Linguistics (3) S '65**

Introduction to characteristics of major dialects through analytical study of language structure; including phonetics, grammatical structure, morphology, and syntax; principal differences between major English dialects and Romanic and Germanic languages. (Formerly 4596) Prerequisite: SPCH 300 or equivalent.

**SPCH 498. Individual Study (1-4) F, S**

Provides opportunity for the student to acquire depth in area of special interest. (Formerly 4599) Prerequisite: Approval of instructor.

**SPCH 576. Stuttering: Theories and Therapies (2) S**

Review and analysis of significant theories and research; evaluation of therapies.  
(Formerly 5594) Prerequisite: SPCH 360, 361, 461, and 462.

**SPCH 598. Individual Study (1-4) F, S**

For students who need advanced or specialized courses not being offered.  
(Formerly 5599) Prerequisite: Approval of the instructor.



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CANAL DRIVE

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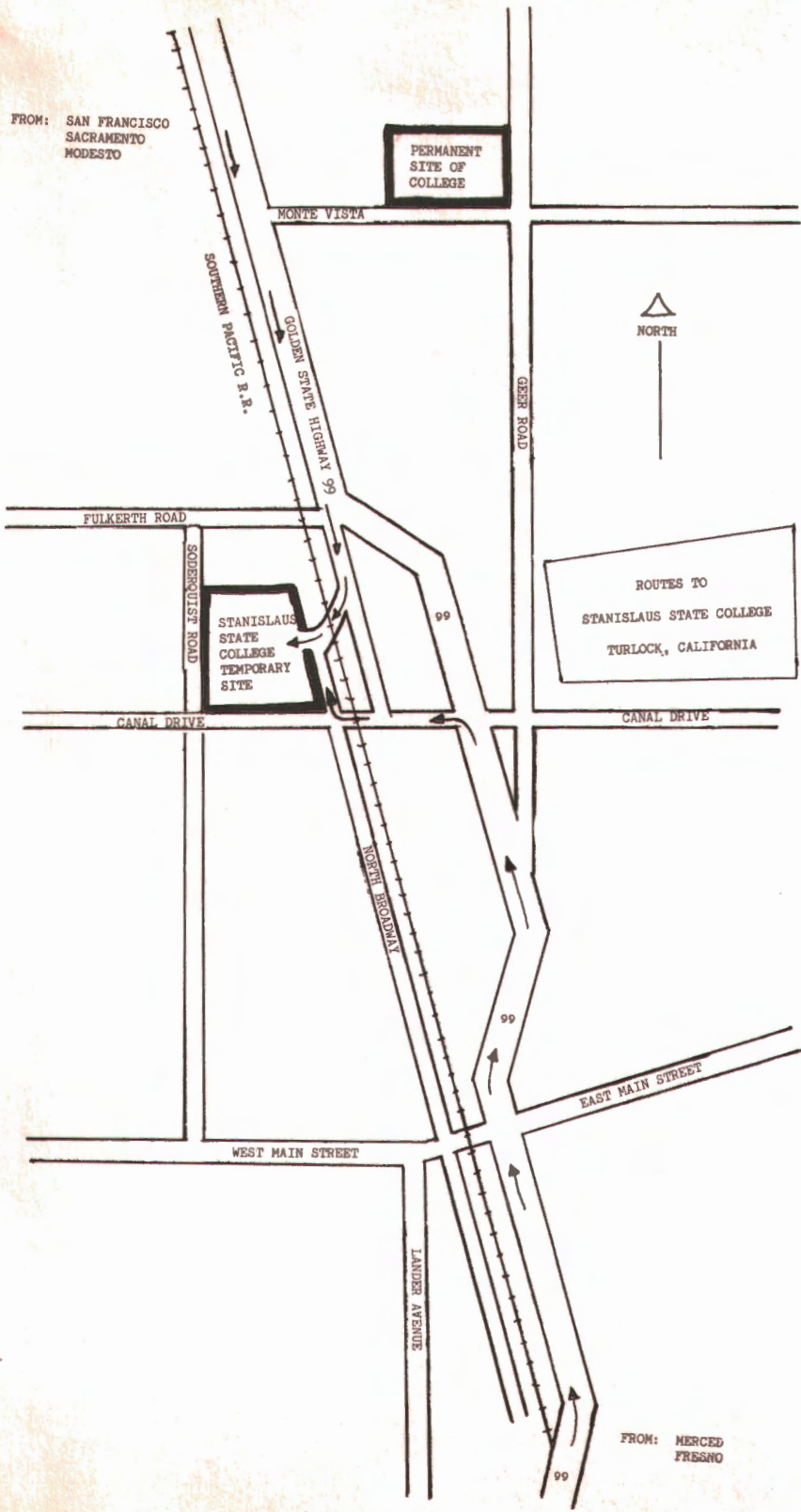
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WEST MAIN STREET

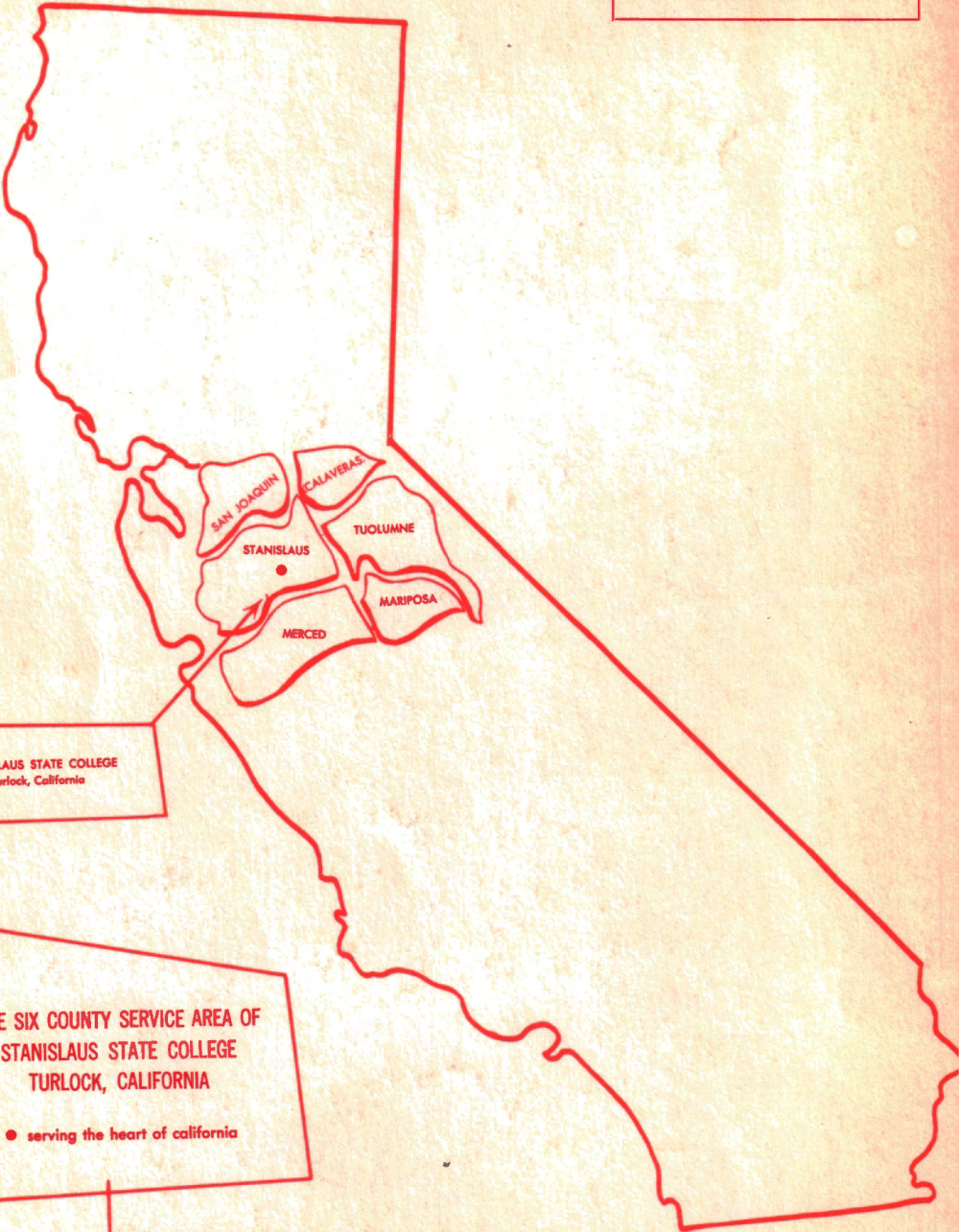
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