
**LOS ANGELES-
ORANGE COUNTY
STATE COLLEGE
BULLETIN**

GENERAL CATALOGUE
1950-51

LONG BEACH, CALIFORNIA

LOS ANGELES-ORANGE COUNTY STATE COLLEGE

BULLETIN

Vol. 1



May 1950



No. 3

GENERAL CATALOGUE

CIRCULAR OF INFORMATION AND ANNOUNCEMENT OF COURSES

Fall and Spring Semesters 1950-51

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DEPARTMENT OF EDUCATION
OF THE
STATE OF CALIFORNIA

HONORABLE ROY E. SIMPSON
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Chief, Division of State Colleges and Teacher Education*

JOEL A. BURKMAN, *Assistant Chief
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COLLEGE ADMINISTRATION

1950-51
CALENDAR

FALL SEMESTER

September 18-19	Registration
September 20	Instruction Begins
October 9	Last Day to Add Classes to Program
November 13	Last Day to Drop Classes Without "F" Grade
November 23-24	Thanksgiving Day Recess
December 16-January 1	Christmas Vacation
February 2	End of Fall Semester

SPRING SEMESTER

February 5-6	Registration
February 7	Instruction Begins
February 22	Washington's Birthday
February 26	Last Day to Add Classes to Program
March 19-23	Spring Vacation
April 9	Last Day to Drop Classes Without "F" Grade
May 30	Memorial Day
June 15	End of Spring Semester

SUMMER SESSION

June 18-July 27

COLLEGE ADMINISTRATION

1950-51

P. VICTOR PETERSON President
HUGH S. BROWN Dean of Administration
DAVID L. BRYANT Dean of Student Personnel
GEORGE H. HACKNEY Accounting Officer

FACULTY

P. Victor Peterson President
A.B. Iowa State Teachers College, A.M. Stanford University, Ph.D. Stanford University.
Ahlquist, Irving F. Assistant Professor of Social Science
B.S. Wheaton College, M.A. University of Illinois, Ph.D. University of Illinois.
Anderson, Roy Clarence Associate Professor of Education
A.B. Augustana College, M.A. University of Michigan, Ed.D. Stanford University.
Brown, Hugh S. Professor of Education
B.A. University of Manitoba, Ph.D. University of Minnesota.
Bryant, David L. Associate Professor of Commerce
B.S. University of Southern California, M.A. Stanford University, Ed.D. in progress, University of Southern California.
Christensen, Arnold M. Professor of Education
B.A. Carleton College, M.A. University of Minnesota, Ph.D. State University of Iowa.
Garver, Myron J. Assistant Professor of Commerce
B.A. Arizona State College, M.S. University of Southern California, Ed.D. University of Southern California.
Hardy, Ross Professor of Biological Science
B.S. University of Utah, M.S. University of Utah, Ph.D. University of Michigan.
Jacobs, Elizabeth R. Assistant Professor of English
B.A. University of Texas, M.A. University of Arizona, Ph.D. University of Wisconsin.
Kinsman, Kephias A. Professor of Education
A.B. University of California at Los Angeles, A.M. University of Southern California, Ed.D. University of Southern California.
Metzger, V. Arthur Assistant Professor of Commerce
B.S. University of California at Berkeley, M.B.A. University of California at Berkeley, D.P.A. in progress, University of Southern California.
Nielsen, Elizabeth Elsiemae Associate Professor of English
B.A. Cornell College, Iowa; M.A. Boston University, Ph.D. Northwestern University.
Olsen, John Associate Professor of Art
B.Ed. University of California at Los Angeles, M.A. Columbia University, Ed.D. Columbia University.

Peterson, Lawrence ----- Assistant Professor of Music
B.A. State Teachers College, Minnesota; M.S. University of Southern California, Ed.D. in progress, University of Southern California.

Phearman, Leo Thomas ----- Associate Professor of Education
B.A. Cornell College, Iowa; M.A. State University of Iowa, Ph.D. State University of Iowa.

Ross, Robert T. ----- Associate Professor of Psychology
B.S. California Institute of Technology, M.A. University of Southern California, Ph.D. Yale University.

Ward, Ernest H. ----- Associate Professor of Commerce and Education
A.B. Marietta College, Ohio; M.A. Ohio State University, Ed.D. University of Cincinnati.

Wiley, Samuel E. ----- Assistant Professor of English
A.B. The Athenaeum, Cincinnati; Ph.D. University of Rome.

Additional faculty will be appointed before the opening of the 1950 Fall Semester.

LIBRARY

Bookman, Charles ----- Librarian
A.B. University of Illinois, B.S. (library science) University of Illinois.

Saucerman, Kathryn ----- Junior Librarian
B.L.S. University of Wisconsin, M.A. University of Wisconsin.

CLERICAL STAFF

Williams, Alice ----- Secretary to President
A.B. San Jose State College.

Epihin, Angelina ----- Secretary to Deans

Morris, Elizabeth ----- Evaluation Secretary

Barnes, Mildred ----- Secretary
B.S. University of Oklahoma.

Casey, Betty ----- Secretary
A.B. University of California.

THE COLLEGE

ORGANIZATION AND HISTORY

The survey of higher education made by the State Department of Education and the Regents of the University of California in 1947-48 recommended that a State College be established to serve the needs of Orange County and the Southeast portion of Los Angeles County.

Assembly Bill No. 8, Chapter 4 (Statutes of 1949) "An act to provide for the establishment of a State College in the area of Orange County and the Southeastern part of Los Angeles County declaring the urgency thereof, to take effect immediately" was approved by the Governor on January 27, 1948.

"The provisions of Chapter 2 of Division 10 of the Education Code and all other laws relating to State Colleges are applicable to the State College established by this act." (Section 2, A.B. 8, Chapter 4.)

Pending the decision of the Public Works Board on the selection and acquisition of a site, temporary quarters were secured at 5401 East Anaheim Street, Long Beach 4, and plans were made to open the College for the 1949-50 session. Registration was held on September 26 and 27 and instruction began on September 28, 1949. Until a permanent site has been secured, the College will operate under a temporary name, Los Angeles-Orange County State College.

AIMS OF THE COLLEGE

Legislation passed in 1947, defined the functions of the State Colleges as follows:

"The primary function of the State Colleges is the training of teachers. State Colleges also may offer courses appropriate for a general or liberal education and for responsible citizenship; offer vocational training in such fields as business, industry, public services, homemaking, and social service; and offer the pre-professional courses needed by students who plan to transfer to Universities for advanced professional study. Courses in military science and tactics may be given in conformance with the laws of the United States made and provided with reference to R.O.T.C. units in educational institutions."¹

The State Colleges are authorized by the State Board of Education to grant the Bachelor's degree. The variety of offerings in the State Colleges enables a student to secure the degree with a major in such fields as Art, Business, Drama, Economics, Education, Engineering, English, Home Economics, Industrial Arts, Mathematics, Modern Languages, Music, Natural Science, Social Science, Physical Education and Psychology.

In 1949 the State Colleges were authorized to grant the Master's degree when it is accompanied by a teaching credential.

To meet these responsibilities, Los Angeles-Orange County State College is developing curricula in the following areas:

1. Education curricula for students who plan to teach or do special work in the elementary and secondary schools.
2. A program for students who wish to acquire a liberal arts or general education.
3. Courses for students who plan to do advanced graduate or professional work in this college or at the University.
4. Education for occupational competence on the degree level. The needs of the community guide the offerings but these include business and industry, city, county and state public services, home-making, social services, small farm agriculture, and horticulture.
5. Extended-day and extension classes for students unable to take advantage of the regular offerings.

¹Laws of 1946 and 1947 relating to the California Public School System. Bulletin of the California State Department of Education, Volume XVI, November 1947, Section 20301, page 125.

The College seeks to maintain a flexible organization which is sensitive to the needs of the community and able to adapt its curricula to meet these needs.

The College endeavors to maintain and develop a friendly personal relationship between students and faculty, believing that in this atmosphere lie many possibilities for the development of the individual as a worthy citizen of a democracy.

Faculty advisers are available for consultation with students during registration, and throughout the school year.

Although regularly established as a State College, the Los Angeles-Orange County State College for the present will offer only work on the upper division and graduate levels. The offerings are primarily for those who may secure the desired degree or credential within two years, and for graduate students who are working towards the Master's degree.

ADVANCED STANDING

From Junior Colleges

For those who have completed units of work which will be accepted for credit toward the Los Angeles-Orange County State College to make an advance in the High School course in any subject, the following conditions apply:

1. The student must have completed the equivalent of the High School course in the subject in which credit is desired.

2. The student must have completed the equivalent of the High School course in the subject in which credit is desired.

3. The student must have completed the equivalent of the High School course in the subject in which credit is desired.

4. The student must have completed the equivalent of the High School course in the subject in which credit is desired.

5. The student must have completed the equivalent of the High School course in the subject in which credit is desired.

From Other Colleges

Students from other colleges will be credited on the basis of credits transferred to the Los Angeles-Orange County State College. Credits will be given when these courses meet the standards of the Los Angeles-Orange County State College. Credits from other colleges will be accepted only when the work is equivalent to that of similar State College courses.

Graduate Standing

Students of a recognized college or university may apply for admission as graduate students.

ADMISSION TO THE COLLEGE

For the present, admission is confined to those students who may complete the desired degree or credential within two years.

GENERAL PROCEDURE

An applicant should make application for admission well in advance of the semester in which he plans to register. The application form may be secured from the Registrar.

The candidate must request the colleges which he has attended to forward to the Registrar, Los Angeles-Orange County State College a complete transcript of all work undertaken. These transcripts are not official unless forwarded directly by the college concerned.

A fee of \$2 for evaluation of these transcripts must be paid at the time the application is filed. The transcripts are evaluated upon receipt, and the applicant is advised as to admission and the credits he has been allowed towards the requirements for graduation. If his application is accepted the candidate should register at the time indicated on the "permit to register" which is mailed to him.

ADVANCED STANDING

From Junior Colleges

Not more than 64 semester units of work will be accepted for credit from a Junior College.

Work taken in Junior College to make up deficiencies in the High School record is not accepted as college credit.

To meet the lower division requirements of the State College program, students should include among their transfer units the following:

English 6 units, natural science 12 units (including one year of laboratory science), social science 12 units, general psychology 3 units, physical education 2 units.

In preparation for special work in the upper division, additional lower division courses are suggested by each department in the Los Angeles-Orange County State College. These may be found under the departmental announcements.

From Other Colleges

Credits from other colleges will be evaluated on the basis of official transcripts submitted by the Registrar of the College concerned. Equivalent credit will be given where these courses meet the standards and requirements of this college.

Credits earned at non-accredited colleges may be accepted as a basis for advanced standing only where it can be demonstrated that the work is of quality comparable to that of similar State College courses.

Graduate Standing

Graduates of a recognized College or University may apply for admission as graduate students.

FEES AND EXPENSES

Registration Fees for Each Semester :

Regular students:

Tuition per semester.....	\$6.50
Materials and service fee per semester.....	6.00

Total per semester.....	\$12.50
Associated Student Body Fee (not a State Fee).....	\$5.00

Limited students (5 or less units) :

Tuition per unit.....	2.50
Material and service fee per unit.....	.50

Total per unit.....	\$3.00
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Late registration fee.....	\$2.00
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Other fees or charges :

Change of program.....	\$1.00
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Evaluation of records (payable at time of application).....	\$2.00
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Diploma fee (for Graduating Seniors only).....	\$2.00
--	--------

Official transcript of record—After <i>first</i> copy.....	\$1.00
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Auditors pay the same fees as others.

Nonresidents pay no additional fee.

DEGREES

The Los Angeles-Orange County State College has developed a variety of offerings so that it may serve the needs and interests of the Community. A student may work towards the Bachelor's or the Master's degree in the field of his major interest. If he is interested in securing a teaching credential he may select course work which will enable him to qualify for both the credential and the degree.

The student may secure a Bachelor's degree with a major in any of the fields of Art, Business, Economics, Education, English, History, Music, Social Science, and Psychology. As the facilities of the College are enlarged, majors in other departments will be available but initial courses are offered in most of the academic fields.

At present these courses are designed for upper division students.

The Baccalaureate Degree

Graduation Requirements:

1. Completion of at least 120 semester units of college work.
2. An average grade of "C" in all college work.
3. Completion of at least 24 units of work (ordinarily the Senior year) at Los Angeles-Orange County State College.
4. Completion of one major and one minor (as outlined by each department)
5. Completion of the State Requirement in United States History and Constitution.
6. Completion of the following specific subject requirements: (Usually completed in the lower division)

Social Science	12 units
Natural Science	12 units
(Including a year of laboratory science)	
English	6 units
Psychology (General Psychology)	3 units
Physical Education	2 units
7. A minimum of 40 units in upper division courses.

The Master's Degree

In 1949, the State Colleges were authorized to grant the Master's degree when it is accompanied by a teaching credential. Details of this program will be available in the fall 1950.

Application for Degree

At least one month before the opening of the semester in which he expects to complete the requirements for graduation, the student must make application for graduation at the Registrar's office. This allows time for all records to be checked and for adequate counseling before registration is completed for the final semester.

Teaching Credentials

For details of the requirements for the teaching credentials see the announcement under "Education" Page 23.

Baccalaureate Degree in Vocational Education

Upon recommendation of the State Board of Examiners for Vocational Teachers, teachers who now hold a long-term vocational credential may be permitted to substitute occupational, supervisory, and management experience for limited credit towards the Bachelor's degree. Details of the procedure for evaluation of this experience, and of the additional requirements for the Baccalaureate degree in Vocational Education may be secured in the Registrar's office.

GENERAL REGULATIONS

Registration

Detailed instructions regarding registration procedures are issued from the Registrar's Office prior to the beginning of each semester.

A student is not permitted to attend any class for which he has not registered.

Any change of program must be made in the Registrar's office within the regular calendar dates.

Grades and Scholarship

In the College each student's work is reported to the Registrar in one of six scholarship grades as follows:

A excellent -----	3 grade points per unit
B good -----	2 grade points per unit
C fair -----	1 grade point per unit
D barely passed -----	0 grade point per unit
F not passed -----	0 grade point per unit

A grade of *Incomplete* may be given because of failure to complete part of the work of the course. It indicates that the course may be completed without actually repeating the course.

In order to qualify for any Bachelor's degree the student must have obtained at least as many grade points as there are units in the total credit value of all work taken.

A student who does not maintain a "C" average for any semester may be placed on probation until such time as he has demonstrated his ability to achieve acceptable standards of scholarship.

American History and Institutions Requirement

Candidates for the Bachelor's degree must satisfy the "Requirement in American History and Institutions."

Candidates for any teaching credential must comply with this regulation.

This regulation may be met by completion of equivalent courses in United States History and American Political Institutions taken at another College.

Student Load

A student may not carry more than 16 units of work in one semester without special permission from a faculty adviser.

A student who is doing 8 units of directed teaching will need special permission to carry more than 4 units in addition to the teaching load.

Withdrawals

Students wishing to withdraw from college should file an application for withdrawal in the Registrar's office.

Attendance

Students are expected to attend class regularly.

On occasions when absence is due to serious illness, accident, College activity, or other justifiable reason the student should make arrangements with the instructor to be excused from attendance.

At such time as the instructor feels that the student has been absent too frequently to be able to secure credit for the course, the student may be dropped from the class after being warned.

Majors and Minors

Detailed requirements for the majors and minors are found under the departmental announcement of courses.

Effective September 1, 1951, the minimum requirement for a major offered as a teaching field for the General Secondary Credential is 36 units of work.

Residence

Candidates for a degree at this college must be enrolled for a minimum period of one year. This involves the completion of at least 24 units of work.

Reports to Students

Reports of grades will be available for each student at the end of each semester. Students may have these mailed to them by leaving a stamped addressed envelope at the Registrar's office, or may secure them by calling at the Registrar's office later in the semester.

Teaching Credential

The requirements for the various teaching credentials are listed under the Education Department announcement, page 23.

GENERAL INFORMATION

Living Accommodations

There are no student residence halls on campus but for those unable to live at home living accommodations may be secured in Long Beach. City bus lines serve the campus and it is accessible from main highways.

Aid to Veterans

The Los Angeles-Orange County State College is approved for the training of veterans. Public Law 346 is applicable to any veteran, and Public Law 16 to any veteran with a service-incurred disability.

The State of California has made provision for educational assistance to qualified veterans who were residents of California at the time of entering the service.

The Federal Government and the State of California also provide educational benefits for the widows and orphans of certain veterans.

Veterans who plan to use the benefits of the G.I. Bill must present a Certificate of Eligibility from the Veterans Administration upon registering.

Vocational Rehabilitation

Students having a disability which is determined to be a vocational handicap, may be eligible for services provided by the State Bureau of Vocational Rehabilitation, State Department of Education. Vocational guidance, payment of such school expenses as tuition, books and supplies, and certain other services including medical care to overcome a disability, are provided by the Rehabilitation Bureau on the basis of the need of the student. A counselor from the Bureau will interview students several times a semester on the campus or by appointment at the district office, 620 Times Building, 215 American Avenue, Long Beach, Telephone 7-2906.

Extended-day Classes

Classes are conducted on the campus in late afternoons and evenings for students unable to attend during the day. These are part of the regular college program and carry the usual college credit.

Summer Session

The College conducts a six weeks' Summer Session which opens immediately following the close of the Spring Semester. In addition to the regular offerings of the College, many special features are a part of the program. A copy of the Summer Session announcement may be secured late in the Spring Semester by writing the Director of the Summer Session.

Associated Students

All students are expected to belong to the Associated Students Organization. The fee payable at time of registration is \$5.00 per semester.

The student body elects its own representatives for the purpose of governing activities and organizations in accordance with the constitution approved by the members of the Associated Students and the College Administration. The student body membership fee is used to support such activities in accordance with an established budget of available funds.

College Bookstore

A college bookstore is maintained to supply students with prescribed textbooks and stationery supplies and items desired for personal use. Students attending the College under Federal or State G.I. educational programs or State Rehabilitation programs will be furnished prescribed books and supplies at the expense of the sponsoring agency.

DIVISION OF THE ARTS AND APPLIED ARTS

1917

The Department of the Interior, Bureau of Education, has the honor to acknowledge the receipt of the report of the Commission on the Organization of the Department of the Interior, Bureau of Education, and to express its appreciation of the valuable information and suggestions contained therein. The Commission's report is being published in the form of a report of the Secretary of the Interior, and its contents are being distributed to all interested parties.

COURSES OF INSTRUCTION

DIVISION OF FINE AND APPLIED ARTS

ART

- 101 **Appreciation of Contemporary Art (2 units)**
Discussion and evaluation of the visual arts as they contribute to contemporary living.
- 102 **Appreciation of Modern Painting and Architecture (2 units)**
A study and evaluation of the work of contemporary painters and architects with emphasis on the Southern California area.
- 103 **Design and Composition (2 units)**
Experiences with various media for designing objects for use in the contemporary environment.
- 104 **Design and Composition (2 units)**
Prerequisite: Art 103.
Special problems in surface design.
- 105 **Introduction to Crafts (2 units)**
Use of clay, paper, wood, wire, and metal to create both two and three dimensional art forms.
- 106 **General Crafts (2 units)**
Further experiences in the use of clay, wood, plastics, and fabrics with emphasis on the development of forms for use in contemporary living.
- 107 **Drawing and Painting (2 units)**
Use of painting materials with emphasis on individual growth and planning.
- 108 **Drawing and Painting (2 units)**
Prerequisite: Art 107.
Further experiences in using various painting media.
- 110 **Elementary School Art (2 units)**
A study of art materials, processes, and methods of teaching as they contribute to the daily living of the elementary school child.
- 111 **History of Art (2 units)**
A study of the main examples of the Renaissance and Baroque Periods.
- 113 **Advanced Interior Design (2 units)**
The functional, social and aesthetic problems of house design.
- 120 **Elementary School Crafts (2 units)**
The creative use of paper, clay, wood, and other art material in relation to the elementary school program.
- 123 **Advanced Advertising Design (2 units)**
Development and projection of ideas in relation to the technical, aesthetic and psychological aspects of advertising art.
- 143 **Advanced Costume Design (2 units)**
The design and construction of clothing in relation to personality, materials, and processes.
- 151 **History of Art (2 units)**
A study of modern art since 1800.

- 152 **History of Art (2 units)**
A study of Cubism, Dadaism, Sur-realism, and their effects on contemporary American Art.
- 153 **Special Studies in Design (2 units)**
Prerequisite: Art 103-104 or the equivalent.
Intensive work in one design area.
- 157 **Special Studies in Drawing and Painting (2 units)**
Prerequisite: Art 107-108 or the equivalent.
Individual research and specialization in the use of one medium.
- 158 **Special Studies in Drawing and Painting (2 units)**
Prerequisite: Art 157.
Further opportunities for individual growth and development in painting.
- 160 **Clay Modeling for Teachers (2 units)**
Use of clay as an expressive medium including the modeling of small objects, pottery making, and methods of decoration.
- 173 **Theatre Design (2 units)**
The designing and making of sets, costumes, and properties for the contemporary theatre in education.

MUSIC

Musical Activities

(Enrollment in all ensembles is subject to the approval of the instructor.)
Not more than 6 units in activities may be counted in the total graduation requirement.

- 100 **Choir (1 unit)**
A capella and accompanied singing of standard and modern choral compositions. Trained or solo voices not essential. Meets three times weekly. Music 151A-151B to be taken concurrently unless the student is exempted by the director.
- 105 **Band (1 unit)**
Study and performance of standard and symphonic band literature. Formal concerts and various appearances at college functions. Three periods per week.
- 110 **Symphony Orchestra (1 unit)**
Required of all advanced students of orchestral instruments. Study and performance of standard symphonic repertoire and selected modern works. Three periods per week.
(Not offered in 1950-51)
- 119 **Male Octet ($\frac{1}{2}$ unit)**
Intensive training in male ensemble singing. Performances at college and civic functions and on radio broadcasts. Not limited to music students.

Theory and Composition

- 137 **Harmony for Teachers (3 units)**
A study of harmony and its practical application for the classroom teacher.
- 146 **Musical Analysis (2 units)**
Study of the structural and architectural elements of music. Harmonic analysis. Includes practice in writing in the smaller forms. Music 148 to be taken concurrently.
- 148 **Music Theory and Composition (3 units)**
A review of diatonic and chromatic harmony. Melodic and harmonic dictation. Chromatic alteration. Practical application to composition in elementary forms. Music 146 to be taken concurrently.
- 149 **Advanced Music Theory and Composition (3 units)**
Advanced chromatic harmonies and modulations. Contemporary harmonic experiments. Application to composition in various forms.

- 155 **Advanced Sight Reading, Dictation and Ear Training (2 units)**
Reading music containing complex intervals and rhythmic relationships. One, two, three and four part dictation with use of more difficult materials.
- 157 **Advanced Harmony (3 units)**
Prerequisite: Music 137.
Use of all diatonic harmonies in advanced melodies. Simple modulation through common chord and diminished seventh. Keyboard application. Music 155 to be taken concurrently.
(Not offered in 1950-51)
- 171 **Counterpoint (2 units)**
Studies in polyphonic composition, including common, invention and fugue. Limitation, double, triple and quadruple counterpoint.
(Not offered in 1950-51)
- 172 **Orchestration (2 units)**
Demonstration of the instruments of the orchestra and a study of basic transpositions. Transcriptions for ensembles and orchestra. Score study with emphasis on hearing various instrumental combinations. Score reading in clefs at keyboard. A survey of the more unusual orchestral instruments. Transcription of selected organ or piano works into the medium of the orchestra.

Applied Music

(Students not majoring in music are allowed a maximum of four units of applied music which may be applied toward graduation. The four units must be in at least two different areas.)

- 120A **Piano for Teachers (1 unit)**
A class in the fundamentals of piano technique. Primarily for elementary education students who have little or no knowledge of the piano keyboard.
- 122A **Voice for Teachers (1 unit)**
A study of the technique of vocal production and an application of this technique in simple songs. Designed for elementary and secondary education students who have had little or no singing experience.
(Not offered in 1950-51)
- 124A **Brass Instruments (1 unit)**
Class instruction in brass instruments. Problems of embouchure, technique, intonation, tone and style. Participation in beginning band or orchestra.
- 125A **Woodwind Instruments (1 unit)**
Class instruction in woodwind instruments. Problems of embouchure, technique, intonation, tone and style. Participation in beginning band or orchestra.
- 126A **String Instruments (1 unit)**
Class instruction in the playing of the violin, viola, violoncello, and bass. Participation in beginning orchestra.
- 127 **Percussion Instruments (1 unit)**
Class instruction in playing the various percussion instruments of the orchestra and band.
- 150A **Advanced Piano Class (1 unit)**
Prerequisite: Music 120A, 120B, 120C, 120D or equivalent.
Advanced technique and performance of several large and difficult works of various styles.
(Not offered in 1950-51)
- 150B **Advanced Piano Class (1 unit)**
Continuation of Piano 150A.
(Not offered in 1950-51)

151A Advanced Voice Class (1 unit)

Prerequisite: Music 122A, 122B, 122C, 122D or equivalent.

Advanced principles, techniques, and materials for developing effective singing. Solo performance or difficult songs.

Music Education

140 Kindergarten-primary Music (2 units)

A study of principles, procedures, materials and organization of the music program in kindergarten and primary grades.

141 Elementary School Music (2 units)

A basic preparation in music education for the elementary teacher. Study of aims, methods and organization of materials and activities in elementary schools in keeping with modern trends in educational philosophy and psychology.

152 Instrumental Conducting (2 units)

The theory and practice of conducting instrumental organizations. Development of effective hand and baton techniques through laboratory experience. Three periods per week.

160 Choral Conducting and Literature (2 units)

Principles and techniques of choral conducting. Problems of choral organization. Extensive experience in the study and interpretation of various choral materials using the class as a laboratory group. Three periods per week.

DIVISION OF EDUCATION, PSYCHOLOGY AND PHILOSOPHY

EDUCATION AND PREPARATION OF TEACHERS

Directed Teaching

All candidates for Directed Teaching must make application in the Registrar's office early in the previous semester. To be accepted for Directed Teaching by the Committee on Teacher Education a candidate must meet the following conditions:

1. Must be a regularly enrolled student at Los Angeles-Orange County State College a minimum of one semester previous to doing directed teaching.
2. Proficiency in the subjects required by law to be taught in the Elementary School (Education Code 12130).
3. Completion of all courses required as preparation for directed teaching.
4. Standards of speech acceptable in classroom teaching.
5. Standards of physical fitness and personal qualifications prescribed by the Department of Education.

Exceptions to these regulations may be made *only* by approval of the Committee on Teacher Education.

Credentials

Regularly enrolled students working towards a credential at this institution must meet the following requirements.

General Elementary Credential

1. An acceptable Bachelor's degree.
2. A major in Elementary Education:
(No grade lower than "C" is acceptable in the major)

Required:

22 units as follows:

Directed Teaching (8 units)—taken during final year	
Methods of Teaching Elementary School Subjects (4 units)—taken prior to Directed Teaching	
Education 103—Principles of Elementary Education (2 units)	} —to be taken during junior year
Education 105—Child Growth and Development (2 units)	
Education 106—Educational Psychology (2 units)	
Education 125—The Elementary Curriculum (2 units)	
Education 185—Audio-Visual Aids (2 units)—taken during senior year	

10 units as follows:

Physical Education 125—Physical Education in the Elementary Grades (3 units)
Music 141—Elementary School Music (2 units) or Music 140—Kindergarten-Primary Music (2 units)
Nature Study (3 units)
Art 110—Elementary School Art (2 units) or Art 120—Elementary School Crafts (2 units)

4 additional units from the previous group or 4 units from the following:

English 112—Children's Literature (3 units)
Education 108—Tests, Measurement, and Evaluation (2 units)
Physical Education 124—Health Education (2 units)
Appropriate courses concerning educational problems may be selected from other departments with the approval of the Dean.

3. A minor (12 units) in any subject commonly taught in the Elementary Schools. (No course listed under 2 may be counted towards a minor)
4. Completion of a two-semester hour course or the passing of an examination on the Principles of the Constitution of the United States.

Kindergarten-Primary Credential

The requirements for the Kindergarten-Primary Credential are the same as those for the general Elementary with the following exceptions:

1. *Directed Teaching*—at least 4 of the required 8 units must be on the Kindergarten-Primary level.
2. *Education 102—Kindergarten-Primary Education* (3 units) and *Education 160—Kindergarten-Primary Methods* (3 units) are substituted for: *Education 103 and Methods Courses in Elementary School Subjects*.
3. Ability to play music appropriate to the Elementary School is recommended.

General Secondary Credential

Note: Candidates who will be applying for a credential subsequent to September 1, 1951, should plan their work to meet the new requirements which become effective on that date. Such candidates should consult their advisers to learn the new requirements.

Present requirements are:

1. Bachelor's degree with (1) a major and a minor in subjects commonly taught in the Secondary School, or (2) a nonteaching major with *two* minors in subjects commonly taught in the Secondary School.
2. One year of work (minimum 24 units) beyond the Bachelor's degree. This should include 6 units in professional education (directed teaching is 4 units).
3. The 5-year program must include:

The following 15 units:

Directed Teaching (4 units)—in graduate year
 Secondary School Methods in Major and Minor (2 units)
 Education 104—Principles and Curriculum of Secondary Education (3 units)
 Education 105—Child Growth and Development (2 units)
 Psychology 175—Adolescent Psychology (2 units)
 Education 185—Audio Visual Aids (2 units)

And at least 7 units selected from:

Education 106—Educational Psychology (2 units)
 Education 112—History of Education (2 units)
 Education 177—Counseling and Guidance (3 units)
 Education 108—Tests, Measurements and Evaluation (2 units)
 Psychology 132—Mental Hygiene and Personality Development (2 units)
 Education 140—Educational Statistics (3 units)
 Appropriate courses concerning educational problems may be selected from other departments.

4. Completion of a two semester hour course, or the passing of an examination on the Principles of the Constitution of the United States.
5. Satisfactory standards of scholarship.

Other Credentials

The requirements for other credentials may be obtained by consulting the Registrar's office.

EDUCATION

- 102 **Kindergarten-primary Education (3 units)**
The history, philosophy, and practices of education in the Kindergarten-Primary School.
- 103 **Principles of Elementary Education (2 units)**
An examination of the principles underlying the elementary school in a democratic society.
- 104 **Principles and Curriculum of Secondary Education (3 units)**
An examination of principles and practices, and curriculum of secondary education.
- 105 **Child Growth and Development (2 units)**
The physical, intellectual, emotional, and social development of the child from infancy to adolescence.
- 106 **Educational Psychology (2 units)**
Prerequisite: General Psychology (3 units).
The nature and conditions of the learning process in human development. Implications for educational practice. Individual differences and their measurement.
- 108 **Tests, Measurement and Evaluation (2 units)**
Principles of measurement and evaluation applied to problems of the teacher in measurement of ability and achievement.
- 112 **History of Education (2 units)**
Contributions made to the development of educational thought and practice by Western civilization.
- 125 **The Elementary Curriculum (2 units)**
The content and organization of the Elementary School curriculum.
- 140 **Educational Statistics (3 units)**
Descriptive statistics. Graphical representation of data; measures of relative position, central tendency, and variation; correlation; normal distribution; introduction of sampling theory. Applications to problems in education and psychology with emphasis on the uses, and limitations of the statistical tools.
- 145 **Elementary School Methods (2 units)**
A general methods course dealing with the aims and teaching methods in elementary school subjects.
- 151 **The Teaching of Reading and Social Studies in Elementary Schools (2 units)**
- 153 **The Teaching of Arithmetic and Science in Elementary Schools (2 units)**
- 160 **Kindergarten-primary methods (3 units)**
Educational activities in the kindergarten and primary grades.
- 166 **Secondary School Methods (2 units)**
Teaching and learning in the Secondary School. Preparation for directed teaching.
- 177 **Counseling and Guidance in the High School Program (3 units)**
An outline of the student personnel program in secondary schools. Types of workers and their functions; group work with students; specialized work of the counselor; organization and administration of the program; evaluation.
- 185 **Audio-visual Aids (2 units)**
Methods of using audio-visual aids to improve instruction.

- 191 **Directed Teaching in Kindergarten-primary Schools**
Open only to those who have been accepted by the Committee on Teacher Education.
- 192 **Directed Teaching in the Elementary Schools**
Open only to those who have been accepted by the Committee on Teacher Education.
- 193 **Directed Teaching in the Secondary Schools**
Open only to those who have been accepted by the Committee on Teacher Education.

INDUSTRIAL ARTS EDUCATION

- 172 **Methods in Teaching Industrial Arts (2 units)**
The curriculum organization, and teaching of industrial arts classes in the public schools.

PHYSICAL EDUCATION

- 105 **Principles and Organization of Physical Education (3 units)**
The philosophy of physical education and its relation to psychology, sociology, and education; problems in the development of the physical education program; survey, variations to meet the needs of students and community, selection of personnel, public relations.
- 108 **Community Recreation (2 units)**
Principles of community recreation; private and public organizations; co-ordination of all agencies in developing a program.
- 118 **Leadership in Community Agencies (2 units)**
Problems of the leader in community agencies concerned with youth groups; administration of the recreation program; practical experience in at least one organization.
- 124 **Health Education for Teachers (2 units)**
Elements of a health education program for the school; responsibility of the teacher; screening procedures; provision of a healthful environment in the school; community agencies.
- 125 **Physical Education in the Elementary School (3 units)**
Practice in the skills used in an elementary physical education program, curriculum and methods of teaching; supervision of the playground.
- 130 **Applied Anatomy (2 units)**
Prerequisite: Anatomy and Physiology.
A study of muscular and joint action; relationship to specific physical education activities.
- 135 **Corrective Physical Education (2 units)**
Problems in the use of physical exercise for the correction of various functional and structural defects.
- 140 **School Camp Leadership (2 units)**
Prerequisite: Permission of instructor.
Organization and administration of the school camp. Problems of the leader.

PHILOSOPHY

- 100 **Introduction to Philosophy (3 units)**
A cursive survey of the field of philosophy, defining its scope and basic principles, and briefly analysing the major philosophical theories. (Not for majors in philosophy.)
- 101 **History of Early Philosophy (3 units)**
Origin, development and inter-relations of the major schools of philosophic thought, from Thales to the beginning of the Renaissance. The systems of Socrates, Plato and Aristotle, and their influence on European philosophy through the medieval period.

102 History of Modern Philosophy (3 units)

From the Renaissance to the 20th Century. Development of modern scientific processes, and the philosophical systems of empiricism, rationalism, idealism, etc.

105 Logic (3 units)

A study of the elements of ordered, consistent thought.

Inductive reasoning: from the particular to the general, the formulation and establishment of scientific hypotheses.

Deductive reasoning: from the general to the particular, the traditional logic of the syllogism; its application in modern tests and measurements.

151 Ethics (3 units)

A study of the concepts of right and wrong and the application of moral principles to problems of everyday life. The philosophy of conduct as related to the individual and to society.

161 Philosophy of Government (3 units)

Theories of the State. A study of the various forms of government and the philosophy basic to each, including the totalitarian ideologies. The fundamental principles of the democratic state. The philosophy of the Constitution of the United States, and of American political thought.

(Not offered in 1950-51)

170 Philosophy of Religion (3 units)

An objective study of the nature and function of religion and of fundamental religious concepts and ideals.

174 Recent Western Philosophical Thought (3 units)

A survey of the philosophical systems most influential in the modern western world—naturalism, idealism, theism, pragmatism, positivism, etc.

(Not offered in 1950-51)

175 Contemporary Philosophy (3 units)

Discussion of recent and current books in the field of philosophy, studying trends and their impact. (Course may be repeated with credit, as different works are considered each semester).

(Not offered in 1950-51)

190 Problems (Credit arranged)

Directed study by individual students of problems suggested, or approved, by the instructor. Limited to senior and graduate students, and subject to admission by the instructor.

PSYCHOLOGY

The psychology curriculum is designed to provide the student with (1) a broad background in the principles of scientific psychology, (2) a knowledge of the applications of psychology in specific fields, and (3) skills in the various techniques of psychological measurement and investigation.

The course in Introductory General Psychology (100-101), or its equivalent, is prerequisite for all other courses in the curriculum. The first semester of this course (100) will satisfy the college requirement in general psychology for graduation, but it is necessary that all students complete two semesters, or their equivalent, in order to take upper-division psychology courses.

Major: The major in psychology requires 24 units in the psychology curriculum, not more than six of which are in lower-division courses, and 12 units in related upper-division courses approved by the advisor. The major also requires the satisfactory completion of courses 105 and 110. Elective courses within the psychology curriculum to complete the major should be selected with the approval of the faculty adviser in psychology and should include at least six units in courses numbered 150-199 inclusive. Particular attention should be paid to the prerequisites for each course. Prerequisites may *not* be taken at the same time as courses requiring them except in very exceptional instances and then only with the written consent of the instructor in the course for which the prerequisite is required.

Minor: The minor in psychology requires 12 units in the psychology curriculum not more than six of which are in the lower-division. The remaining six units should, in general, be selected from courses numbered 100 to 149 inclusive.

Teaching Credential: Preparation for the teaching credential with a major in psychology requires *two* minors (12 units each) in subjects usually taught in high school.

100 Introductory General Psychology (3 units)

The first semester of a year course in the fundamentals of psychology devoted to a study of the laboratory and experimental findings which have given rise to valid generalizations concerning human behavior. The topics of sensation, attention, perception, motivation, emotion and learning are covered.

101 Foundations of Personality (3 units)

The second semester of the year course is primarily concerned with the findings of the clinic as applied to individuals and the dynamics of their behavior. Topics of intelligent behavior, personality adjustment and social dynamics are considered. This course or its equivalent is required for all upper-division courses in psychology. This course will satisfy the credential requirement in Mental Hygiene.

105 Elementary Statistics (3 units)

Prerequisite: A knowledge of mathematical procedures usually covered in elementary high school algebra.

The calculation and interpretation of the basic statistical measures. Major emphasis will be placed on the meaning, limitations and applicability of statistical procedures. Required of all majors in psychology.

106 Statistical Interpretation (3 units)

Prerequisite: Psychology 105

The development of skill in the application and interpretation of elementary statistical methods in the treatment of common types of data.

(Not offered in 1950-51)

110 Laboratory Psychology (3 units)

Prerequisite: Psychology 105

The student performs and interprets a series of laboratory experiments which illustrate the major experimental procedures used in psychological investigation. Required of all majors in psychology.

115 Social Psychology (3 units)

The dynamics of group and cultural behavior. The emphasis is on the description and explanation of social behavior in terms of the psychological forces operative within and upon the culture.

120 Physiological Psychology (3 units)

The neurophysiological correlates of behavior are studied and the methods and findings of psychophysiology reviewed.

130 Abnormal Psychology (3 units)

A study of abnormal behavior especially as it throws light on normal personality adjustment. Both the correlates of psychological with physiological states and the variability within restricted behavioral categories are emphasized. Two field-trips will be required.

132 Mental Hygiene and Personality Development (2 units)

Principles of mental hygiene, social and emotional development of the individual; problems of the teacher in the classroom.

135 Industrial Psychology (3 units)

The applications of psychology to the problems of industry.

140 Independent Study (1 to 3 units)

Readings and conferences on psychological problems. May be taken only with the approval of the psychology adviser.

150 Introduction to Clinical Psychology (3 units)

Prerequisite: Psychology 130

A survey of diagnostic and therapeutic procedures used in the approach to individual psychological problems met with at the clinical level.

155 Psychological Testing (4 units)

Prerequisite: Psychology 105 or Education 108.

The principles and practice of group testing in the fields of intelligence and personality. The major tests of intelligence and personality will be administered to and scored by the students. Emphasis will be on the evaluation of the tests as measuring devices and on studies of their application and validity. Limited enrollment requires consent of the instructor.

(Not offered in 1950-51)

156 Vocational Testing (4 units)

Prerequisite: Psychology 105 or Education 108.

Principles and practice in the field of vocational and aptitude testing. The major tests of vocational interest, academic aptitude, dexterity and specific aptitudes will be administered to and scored by the students. Emphasis will be on evaluation of the tests, applicability, validity and limitations. Limited registration necessitates consent of the instructor.

(Not offered in 1950-51)

160 Contemporary Psychology (3 units)

Prerequisite: Although no specific courses are required, it is suggested that the student complete at least six units in upper-division psychology courses.

The modern schools of psychology are considered in historical perspective and their importance for and contribution to progress in evolving a science of behavior is evaluated.

175 Adolescent Psychology for Teachers (2 units)

The psychology of the adolescent. Implications for instruction and organization in the secondary schools.

190 Advanced General Psychology (3 units)

Prerequisites: Psychology 105, 110 and 160.

An intensive review of the current status of the major fields of general psychology. Limited to senior and graduate students.

(Not offered in 1950-51)

DIVISION OF LANGUAGE ARTS

ENGLISH

Requirements for a major in English:

At least 36 units and not more than 40 units.

Lower division requirements:

- (1) English composition and grammar, 6 units.
- (2) Survey of English literature, 6 units.

Upper division requirements:

At least 24 units, not more than 12 units of which may be taken in the fields of composition, creative writing, or journalism. At least 6 units must be in literature courses numbering 150 or above.

100 English Composition and Grammar (2 units)

Basic elements of satisfactory expression, including drill in grammar and writing exercises. Course required of students needing remedial work in the mechanics of effective expression. Class meets three times weekly, with third hour devoted to workshop in writing. Course carries two units applicable as electives but not as lower division English requirement.

102 Appreciation of Literature (2 units)

The values and pleasures in reading classical and modern literature. A non-technical study of literary masterpieces. Meets three hours a week.

106 English Literature to 1760 (3 units)

A survey of English literature and culture from the beginnings to the decline of neo-classicism.

107 English Literature Since 1760 (3 units)

A survey of English literature and culture from the decline of neo-classicism to the present.

108 Journalism (2 units)

Study of the various journalistic forms (news story, feature story, editorial and column). Study of the mechanics of producing school publications with varying facilities and under possible limitations. Practice through work on college newspaper, annual, etc. A methods course valuable to prospective teachers who may be given supervision of school publications or publicity. May be repeated for a maximum of four units.

110 Advanced Composition (3 units)

A study of the levels of language usage and a review of grammar (as needed). Analysis of models of prose types and practice in such types of writing as the essay, biography, article, and short story. Course recommended to secondary English majors and minors, but open to all qualified students.

112 Children's Literature (3 units)

A survey of the literature available for children. The Mother Goose Rhymes, fables, fairy tales, myths, hero legends, biography, travel, and poetry. Analysis of the work of current writers and illustrators.

120 The Romantic Period (3 units)

A study of the English romantic movement. Readings in the major works of Blake, Burns, Wordsworth, Coleridge, Shelley, Keats, Byron, and the English romantic prose writers.

124 American Literature to the Civil War 1865 (3 units)

A survey of American literature and life from the colonial period to the Civil War.

- 125 American Literature Since the Civil War (3 units)**
A survey of American literature and life from the post Civil war period to the present day.
- 137 The Novel (3 units)**
Development of the novel as a literary type, and a study of specimens in the stages of its development. Emphasis on the modern novel through examination of the major works of such novelists as Galsworthy, Dreisler, Hemingway, Sinclair Lewis, Steinbeck, and others.
- 140 Shakespeare and His Contemporaries (3 units)**
A study of the more important Shakespearean history plays, comedies, and tragedies, with some consideration of the work of such other major Elizabethan dramatists as Marlowe, Jonson, and Webster.
- 145 Modern Literature (3 units)**
Reading in twentieth century European and American literature including such representative writers as T. S. Eliot, Virginia Woolf, W. H. Auden, Stephen Spender, William Butler Yeats, Marcel Proust, Andre Gide, Thomas Mann, James Joyce, Arthur Koestler, Thomas Wolfe, Garcia Lorca, Jean Paul Sartre, and others.
- 151 History of the Drama (3 units)**
A survey of the drama from its beginnings to Henrik Ibsen, including the works of such playwrights as Aeschylus, Sophocles, Euripides, Aristophanes, Shakespeare, Ben Jonson, Moliere, Corneille, Racine, Congreve, Wycherley, Sheridan, Goldsmith, Goethe, Schiller, and others.
- 156 Poetry (3 units)**
A study of the most important forms of poetry and of the major poets who practised them. Consideration of modern trends in poetry.
- 160 Creative Writing (3 units)**
Intensive work in the student's preferred type of creative prose writing. Course includes study of models within the type and production of work designed for publication. Admission with approval of the English faculty. Class conducted as laboratory, with each student receiving individual instruction.
- 167 The Neo-classical Period (3 units)**
English literature from the restoration of the Stuarts, 1660, to the beginnings of romanticism. Emphasis on literature as a reflection and a criticism of the social and political problems of the period. Milton, Dryden, Pope, Swift, Johnson, the Restoration drama, the beginning of the novel and journalism.
(Not offered in 1950-51.)
- 178 Secondary School English Methods (2 units)**
A methods course, studying the construction of an adequate high school English curriculum, appropriate readings in literature for the high school student, the integration of literature and composition, and methods of presentation geared to the ability and need of the student. Course recommended to secondary English majors and minors, credited as an elective, but not as part of the requirements for the major.
- 181 Modern Drama (3 units)**
An introduction to the modern European and American theatre and its chief playwrights, including the works of such dramatists as Henrik Ibsen, Anton Chekhov, Edmund Rostand, Oscar Wilde, Sean O'Casey, Luigi Pirandello, George Bernard Shaw, John Galsworthy, Eugene O'Neill, Maxwell Anderson, Lillian Hellman, Tennessee Williams, and others.
- 185 The English Renaissance (3 units)**
Literature of the age of Queen Elizabeth, chiefly nondramatic, with emphasis on the development of English literary forms. Spenser, Shakespeare's nondramatic works, Sidney, Donne, Herbert, Herrick, Brown, and others. (Not offered in 1950-51.)
- 189 The Victorian Period (3 units)**
English literature of the second half of the nineteenth century, including readings in the major works of Tennyson, Browning, the pre-Raphaelites, Carlyle, Arnold, Pater, and others.

- 200 Directed Study in English and American Literature (3-3 units)**
Guidance in research and bibliographical methods in specialized fields of literature. Preparation of a paper on the project. The course involves no class attendance but individual conferences. Limited to senior and graduate students.

FRENCH

- 111-112 Survey of French Literature (3-3 units)**
From the Middle Ages to the present.

SPANISH

- 111-112 Survey of Spanish American Literature (3-3 units)**
Prerequisite: 16 units of lower division Spanish or equivalent.
The literature of Spanish America from Colonial times to the present.

- 123-124 Nineteenth Century Spanish Literature (3-3 units)**
Prerequisite: 16 units of lower division Spanish or equivalent.
Lectures, readings and reports.

SPEECH

- 105 Speech Improvement for Teachers (2 units)**
Group and individual attention to the problem of helping teachers speak more effectively in the classroom.

DIVISION OF NATURAL SCIENCE

BIOLOGY

100 Introduction to Biological Science (3 units)

A general survey of the contributions to everyday living and an understanding of the world of living things which can be contributed by the Biological Sciences. Such fundamental contributions as those made by biology in conservation, evolution, health, heredity, and an appreciation of nature are considered.

145 Marine Ecology (Life of the Seashore) (3 units)

A study of native marine forms of plants and animals of the nearby coastline with emphasis upon identification, adaptations to environment and distribution of common species. Frequent field trips for collection and study in the laboratory of specimens is a fundamental part of this nontechnical course intended for liberal arts and education students who desire a knowledge and appreciation of local forms. (Lecture 2 hours, laboratory 2 hours and field trips arranged.)

GEOLOGY

100 Principles of Geology (3 units)

A survey of the principles of physical and historical geology. (Not open to students who have taken one year of geology.)

103 Geology of the National Parks (3 units)

A study of our national parks as examples of geologic phenomena.

NATURE STUDY

101 Nature Study in Fall (3 units)

Introductory study of out of doors with emphasis upon ecology and identification of common marine and desert forms. A study of common plant and animal communities forms an integral part of the course. Some methods of teaching nature study are included. (Lecture 2 hours, laboratory 2 hours, Saturday and afternoon field trips.)

102 Nature Study in Spring (3 units)

A nature study course emphasizing forms of life easily observed in the spring such as flowers, reptiles and amphibians, birds, etc. Some consideration is also given to stars, minerals, and general physiography of the environment. (Lecture 2 hours, laboratory 2 hours, Saturday and afternoon field trips.)

PHYSICAL SCIENCE

100 Introduction to Physical Science (3 units)

A general survey of the contributions to everyday living and an understanding of the physical environment made by an understanding of the Physical Sciences. Fundamental principles of chemistry, mechanics, meteorology, physics, geology and astronomy are explained in simple terms for citizens who do not expect to major in the sciences.

ZOOLOGY

102 Animal Life of California (3 units)

A general course in identification and appreciation of the common animals of California for those who have little or no background in the field. Emphasis particularly upon marine forms, reptiles, amphibians, and mammals. (Lecture 3 hours.)

115 Insects and Human Welfare (3 units)

A general course which treats of insects and their close relatives as beneficial and destructive forms in our everyday environment. Conservation of beneficial forms as well as destruction of pests and the study of the role of insects in health and disease are considered. Short field trips for identification of various forms constitute an important part of this course. (Lecture 2 hours, laboratory 2 hours and field trips arranged.)

140 Bird Study (3 units)

A general bird study course with emphasis upon the identification and habits of the common birds of California. The distribution, classification, migration, courtship, adaptations, coloration, economic value, and enjoyment of birds for those who have had little or no previous experience in the subject. (Lecture 2 hours, laboratory 2 hours, field trips in early morning and on Saturday.)

DIVISION OF SOCIAL SCIENCE

BUSINESS

Lower Division Requirements for any Major in Business :

Accounting 6 units. (Also recommended: Economic Geography, Business Law.)

Majors 30 to 36 units: Each student is expected to plan his major or minor sequence with a faculty adviser.

Major in Business Administration must include the following :

Lower division requirements *and* recommendations (as above) ; Business 101, 110, 118, 125, 151, 175, Economics 100.

Other majors will be offered as required.

101 Business Organization (3 units)

A general survey of the organization of business enterprises, marketing, finance, production, sources and handling of business information. Special reference to business in the local area.

103, 104 Elements of Accounting (6 units)

Introduction to accounting and to business administration. Theory of modern accounts; theory of debit and credit; classification of accounts; procedure for recording transactions; preparation of balance sheets and profit and loss statements.

105 Business Law (3 units)

Elements of contracts used in business; fundamental factors governing sales, sales contracts, and the laws dealing with agency.

106 Business Law (3 units)

Fundamental laws of corporations, uniform negotiable instrument law; partnership law. Emphasis on California Law in each area considered.

110 Business Statistics (3 units)

Sources and graphical representation of statistical data. Study of the uses and limitations of statistical tools. Measures of central tendency and variation, index numbers, trends, cycles, correlation. Practical applications to problems in business.

118 Corporation Finance (3 units)

An analysis of the financial policies of business with emphasis on business organization, types of securities, financial plans and promotion, expansion, consolidation, and bankruptcy and reorganization.

121 Principles of Insurance (3 units)

Description of major types of insurance, life, property, casualty, etc.; interpretation of contracts under which such insurance is written; regulation and control of insurance companies. Includes general principles of mortality and premium calculation, distributive system of underwriting and organization of insurance carrier companies.

125 Marketing (3 units)

A survey of the organization and operation of systems for the distribution of goods and services. Topics covered include retail and wholesale distribution channels, consumer buying characteristics, pricing and marketing of industrial products, cooperative marketing of agricultural products.

127 Credits and Collections (3 units)

Methods of evaluating the credit of individuals, partnerships, and corporations; protecting the rights and equities of debtors and creditors; debtor-creditor relationship; gathering credit information, analysis of statements for credit purposes, legal remedies and safeguards.

130 Intermediate Accounting (3 units)

Problems and theories of partnership and corporation accounting; interpretation and construction of accounts; analysis of financial statements for corporations and partnerships; comparison of accounting systems.

131 Advanced Accounting (3 units)

This course covers partnerships, joint ventures, agencies and branches, consolidated balance sheets, consolidated profit and loss statements; statements of affairs, receiverships, realization and liquidation statements, estates and trusts, and actuarial accounting problems.

140 Traffic and Transportation (3 units)

A general historical and current survey of transportation agencies in the United States; the functions of the different agencies; rate structures; problems of state and federal regulations and coordination of facilities. Also included are current transportation problems.

151 Personnel Management (3 units)

The importance of employee-employer relationships, personnel policies, procedures, operations and training; techniques of personnel administration, interviewing and testing; wages and salary administration; recruitment, inductions, transfers, promotions and merit rating.

153 Investments (3 units)

Principles underlying investment analysis and policy; chief characteristics of various types of investment securities; investment trusts and institutional investors; forms, problems and policies; relations of money markets and business cycles to investment practices.

155 Purchasing, Principles and Practices (3 units)

A study of purchasing and procurement in industry and government. Purchasing policies and organization; coordination with production schedules and materials planning; optimum quantity and price; vendor relations; following up and expediting receiving and inspections, purchasing research.

160 Foreign Trade Principles and Practices (3 units)

A study of basic principles of international trade and finance; analysis of character and importance to United States; theory of comparative costs; balances of trade and of international payments; tariffs; quotas, exchange, and other trade barriers; dumping and export subsidies.

175 Business Management (3 units)

A study of company policies as a tool for coordinating selling, purchasing, financing, and personnel work; methods of formulating policy; and executive attitudes and devices for personal leadership of associates and subordinates.

199 Individual Research (Credit arranged)

ECONOMICS

100 Fundamentals of Economics (3 units)

An introduction to the elements of economics as applied to current economic problems. Not open to students who have taken one year of economics.

107 Economic History of United States (3 units)

The history of the economic development of United States. National legislation in the fields of industry and commerce. The development of current economic problems.

110 Money and Banking (3 units)

Principles and history of money and banking. Principal reference to the banking system of the United States.

126 Consumer Economics (3 units)

The guidance and control of consumer choice. Theory of consumption and consumer demand. Survey of efforts to improve the position of the consumer.

151 Principles of Public Finance (3 units)

An analysis of the procedures governing the raising and administration of public funds. Present practice in federal and state taxation.

152 Principles of Taxation (3 units)

Principles, problems, policies of local, state, and federal taxation; economics, law, administration of tax system; influence of tax policy on economic system; state and federal income tax returns.

GEOGRAPHY

111 Geography of North America (3 units)

A study of the geographical features of North America. Intensive analysis of several regions.

HISTORY

Major: Required: 36-40 units in history. Lower division, a minimum of 12 units, including U. S. History or History of the Americas, and European History. For majors lacking these units, proper upper-division work will be chosen. Upper division, a minimum of 12 units, to be selected by the student in consultation with the adviser in history. In addition, the major will be supported with 12 units from the other social sciences. For students interested in working toward the secondary school credential, social science should be chosen as the major.

Recommendations: Courses should be evenly distributed in the American and European fields. Two allied fields in the social sciences should be selected to support the major.

103 Modern Europe to 1815 (3 units)

A history of the first breakdown of medieval Christendom and of the rise of modern Europe. The civilization of the Italian City states; the Reformation; the rise of national monarchies; and the French Revolution.

105 Europe 1815-1914 (3 units)

From the Congress of Vienna to World War I, with emphasis on the passing of the aristocratic system, the fusion of industrialism and nationalism, and the challenge of socialism.

107 The United States, Colonial Period (3 units)

The political, economic, social, and intellectual history of the period through the establishment of a new and independent government.

109 The United States, Nineteenth Century (3 units)

The beginning of American isolation after 1815; Jacksonian Democracy; the westward movement; sectional conflict; the transformation of America by the Second Industrial Revolution and the rise of the city.

111 England to 1688 (3 units)

After a brief survey of British civilization before the conquest, the course is devoted to the political and social elements in England up to the reign of William and Mary, with an emphasis upon the rise of parliamentary government.

112 England Since 1688 (3 units)

The Hanoverians; the assumption by Parliament of a dominant position in political affairs; the industrial revolution; political liberalism in England; England in the 20th Century.

125 History of Greece and Rome (3 units)

A study of the predominant characteristics of these civilizations, and their contributions to the history of thought and action in the western world. (Not offered in 1950-51.)

126 Medieval Civilization (3 units)

Beginning with the decline of the Roman Empire in the 4th Century A.D., this course deals with the development of distinctive secular and ecclesiastical institutions. Emphasis is placed on the significant personalities of the period and on the development of ideas.

130 The United States 1898-1928 (3 units)

The progressive movement; resulting conflicts between reform movements and privileged groups; the United States in World War I. The prosperity of the twenties.

- 131 **The United States 1928-1950** (3 units)
The depression and the beginnings of welfare democracy; the United States in World War II; post-war problems with an emphasis upon the role of the United States in world affairs.
- 140 **Europe Since 1914** (3 units)
World War I; outstanding changes in Europe after the first World War, with particular stress on the rise of Fascism in Italy and Germany, Communism in Russia, and social Democracy in Scandinavia and Great Britain; World War II; post-war problems.
- 150 **History of the West** (3 units)
The American frontier with an analysis of its problems, development, and influence.
- 155 **Diplomatic History of the United States** (3 units)
American foreign relations since 1776, with particular attention to the increasingly important role of the United States in world affairs.
- 160 **Latin America to 1824** (3 units)
Spanish and Portuguese backgrounds, explorations, and conquests; colonial policy and institutional development; movements for independence.
- 161 **Latin America Since 1824** (3 units)
The Latin American states and their social, economic, and political development; special emphasis upon Argentina, Brazil, Chile and Mexico.
- 170 **History of the Pacific** (3 units)
The activities of the European peoples and of the United States in the Pacific Ocean and adjacent areas. A study of the struggle for political and economic leadership in the past and an analysis of the problems of the area. This course does not deal with California.
- 179 **History of California** (3 units)
The economic, social, and political development of California from its discovery and occupation by the Spanish to the present time, with special emphasis upon the American period.
- 200 **Studies in American History** (3 units)
Detailed study of special periods in American history such as the Old West; American Revolution; Civil War; etc. A thorough knowledge of the bibliography concerned with the period and individual research will be required of each student.

POLITICAL SCIENCE

- 101 **American Political Institutions** (2 units)
The Constitution and government of the United States (satisfies Constitution requirement for credentials and degrees).
- 105 **State and Local Government** (3 units)
Principles and practices in American State governments with emphasis on California conditions.
- 107 **American Political Thought** (3 units)
The development in America of ideas on government.
- 117-118 **International Relations** (3-3 units)
A survey of institutions and agencies of International government with major emphasis on contemporary conditions.

SOCIOLOGY

- 100 **Principles of Sociology** (3 units)
A basic course in sociology for students who have not completed an introductory lower division course. Consideration of man, society, and culture; personality development and disorganization; collective behavior; social institutions; and social change.

102 Social Problems (3 units)

A study of those problems which have become a burden to our society; unemployment, crime, delinquency, divorce, sex variants, alcoholism, and mental illness.

110 The Family (3 units)

An analysis of the development of the family institution; a discussion of the patterns and problems of family relationships; the American family, its background, structural changes, and cultural variations.

120 Crime and Delinquency (3 units)

Incidence, characteristics, and treatment of criminal behavior and juvenile delinquency in the United States.

180 The Field of Social Work (3 units)

The history, philosophy, and underlying principles of modern social work; major types of social work; public and private welfare agencies.

190 Introduction to Social Research (3 units)

Analysis of the more important techniques used in sociological research. Methods of collecting, classifying, interpreting, and presenting social statistical data.

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