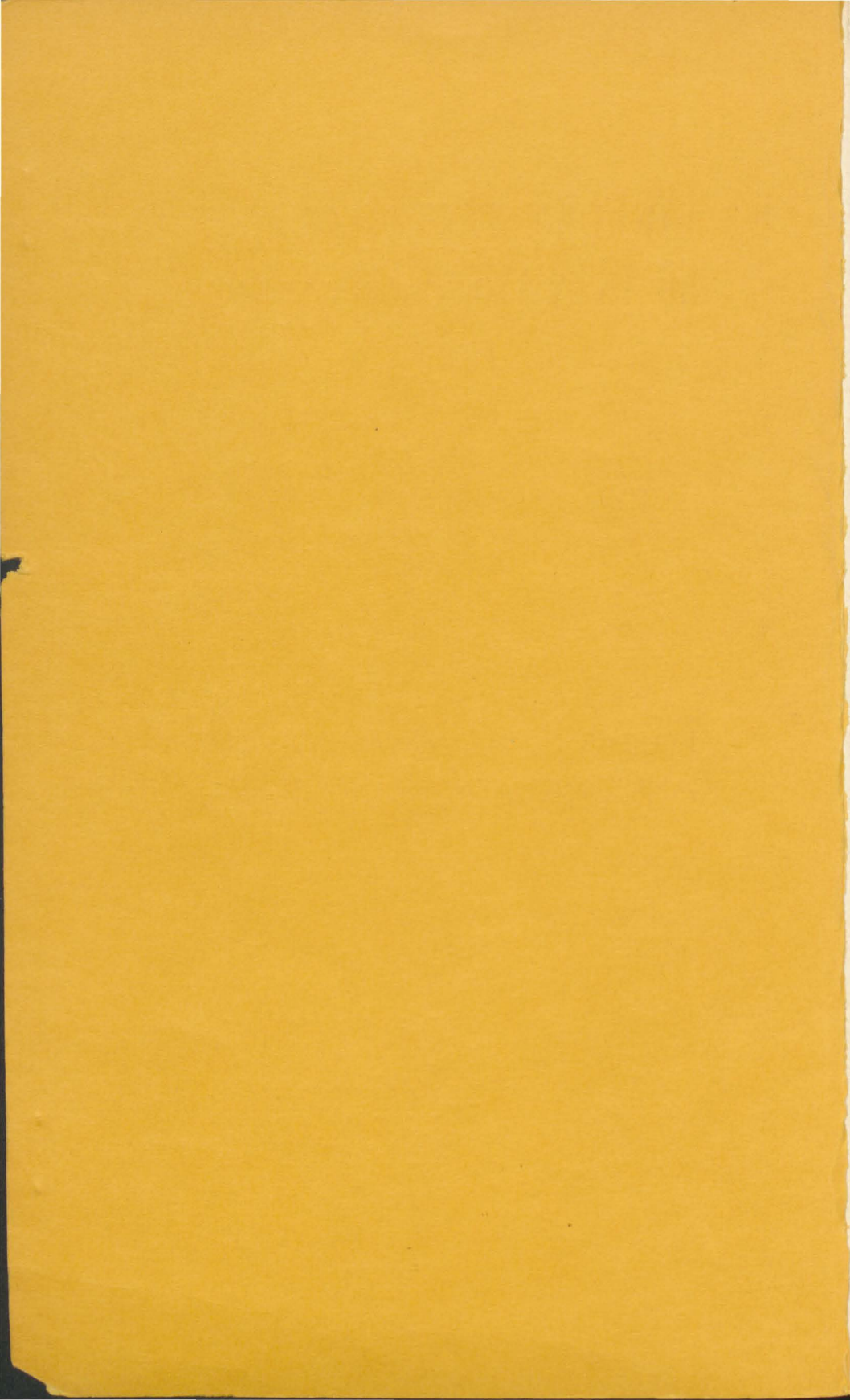


LOS ANGELES STATE COLLEGE
OF APPLIED ARTS AND SCIENCES



BULLETIN
1950-1951

13



LOS ANGELES STATE COLLEGE OF APPLIED ARTS AND SCIENCES BULLETIN

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Formerly known as
LOS ANGELES STATE COLLEGE

CIRCULAR OF INFORMATION AND ANNOUNCEMENT OF COURSES

FALL AND SPRING SEMESTERS
1950-1951

855 North Vermont Avenue, Los Angeles 29, California

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COLLEGE CALENDAR 1950-51

FALL SEMESTER

- August 14, Monday..... Final date for applications for admission to the Fall Semester. Credentials received as late as this may not be evaluated by Registration Day.
- September 11, Monday } Orientation week. (Includes personnel tests, pre-teaching
September 15, Friday } tests, orientation, counseling, and registration).
- September 13, 14..... Registration for late afternoon and evening classes. 4 to 8 p.m. Evening students may register late thereafter during same hours, except Fridays, when office closes at 3 p.m.
- September 18, Monday... Instruction begins.
- September 22, Friday..... Last day for late registration.
- September 22, Friday..... Last day to add courses to study list.
- September 29, Friday..... Last day for fall semester students who complete the requirements of the baccalaureate degree in February, 1951, to file their applications for the degree to be granted in June, 1951.
- October 27, Friday..... Last day to drop courses without penalty of grade "F."
- November 14, Tuesday... Mid-term reports due.
- November 23, Thursday }
November 24, Friday } Thanksgiving holidays.
- December 18, Monday }
January 1, Monday } Christmas holidays.
- January 18-24..... Final examinations for Fall Semester.
- January 26, Friday..... Fall Semester ends.

SPRING SEMESTER

- January 12, Friday..... Last day for application for admission to the Spring Semester. Transcripts received as late as this may not be evaluated by Registration Day.
- January 29, Monday } Orientation week. (Includes personnel tests, pre-teaching
February 2, Friday } tests, orientation, counseling, and registration).
- February 2, Friday..... Last day for late registration.
- February 5, Monday..... Instruction begins.
- February 9, Friday..... Last day to add courses to study list.
- February 12, Monday..... Lincoln's Birthday (legal holiday).
- February 16, Friday..... Last day for spring semester students to file applications for degrees to be granted June, 1951.
- February 22, Thursday... Washington's Birthday (legal holiday).
- March 19-23, inclusive... Easter vacation.
- March 26, Monday..... Last day to drop courses without penalty of grade "F."
- April 10, Tuesday..... Mid-term reports due.
- May 30, Wednesday..... Memorial Day (legal holiday).
- June 7-13, inclusive... Final examinations for Spring Semester.
- June 15, Friday..... Semester ends.

DEPARTMENT OF EDUCATION

STATE OF CALIFORNIA

Roy E. Simpson State Superintendent of Public Instruction,
and Director of Education
Aubrey A. Douglass Associate Superintendent of Public Instruction,
Chief, Division of State Colleges and Teacher Education
Joel A. Burkman Assistant Division Chief—State Colleges and Teacher Education

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COLLEGE ADVISORY BOARD

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COLLEGE ADMINISTRATION AND STAFF

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 John A. Morton, Dean of Instruction
 Jensine Phillips, Secretary
 Kenneth M. Kerans,
 Dean of Administration
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 Esther H. Penchef, Dean of Women
 Evelyn C. Odell, Secretary
 Elliott W. Guild,
 Acting Director of Summer Session
 Gerald Prindiville,
 Director of Evening Division
 Ethel Robertson, Secretary
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 Coordinator of Trade and Industrial
 Education
 Mary Anna Richardson, Secretary
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 Coordinator of Government Service
 Training
 John Frederic Harris,
 Director Public Relations
 Jeanne Meyer, Assistant

Administrative Offices
 Avena Broberg, Secretary
 Christine Converse, Secretary
 Patricia Rice, Secretary
 Gloria Ryan, Secretary
 Elaine V. Fritz, Placement Secretary
 Shirley Long, Secretary

Registrar's Office
 Edward J. Neale, Registrar
 Toni Siamis, Supervising Clerk
 Charline Barnard, Office Assistant
 Louise English, Office Assistant
 Florence Johnson, Office Assistant
 Pat Richardson, Office Assistant
 Donna Simonson, Office Assistant
 Joyce White, Office Assistant

Office of Admissions

Marie Y. Martin,
 Director of Admissions
 Katherine Mitchell, Senior Clerk
 Robert Glasser, Office Assistant
 Rosemarie Goodbody,
 Office Assistant
 Ruth Sears, Office Assistant
 Betty Kolberg, Office Assistant

Library

Gordon W. Wilson, Librarian
 Margaret Strohmer,
 Catalog Librarian
 Roberta M. Heid,
 Circulation Librarian
 Clare M. Hegele, Order Librarian
 Alberta Ehrenwerth,
 Library Clerk
 Velma I. Raab, Clerical Assistant

Health Office

Daniel W. Calvin, M.D.,
 College Physician for Men
 Freda Haffner, M.D.,
 College Physician for Women
 Ruth Eldred, R.N., P.H.N.,
 College Nurse
 Gertrude Humphries,
 R.N., P.H.N., M.A.,
 College Nurse
 Mildred Greenwood,
 Office Assistant

Business Office

Warner K. Masters, Comptroller
 Jack Heppe, Accounting Officer
 Marie Lemly, Chief Bookkeeper
 Linda S. Clark, Secretary
 Mary S. Tidwell, Payroll Clerk
 Elsie Hawkins, Purchasing Clerk
 Arline Snyder, Cashier-Receptionist
 Ivan Harlan, Supply Clerk
 Gene H. Warnecke, Bookkeeper
 Ernest Leal, Mimeograph Clerk
 Angelina Epihin, Stock Clerk
 Harry Hale, Receiving Clerk

LIST OF FACULTY—1950-51

- Howard S. McDonald (1949)..... President
 B.S., 1921, Utah State Agricultural College; M.A., 1925, Ed.D., 1949, University of California.
- Daniel A. Amneus (1950)..... Assistant Professor of English
 B.A., 1941, University of California; M.S., 1947, University of Southern California; additional graduate study, University of Southern California.
- Ebba M. Aronson (1949)..... Assistant Professor of Education
 B.S., 1940, M.A., 1940, Columbia University; additional graduate study, University of California, University of Southern California.
- Harry P. Bailey (1950)..... Assistant Professor of Geography
 B.A., 1939, M.A., 1942, Ph.D., 1950, University of California, Los Angeles.
- Francis H. Baxter (1950)..... Assistant Professor of Music
 B.M., 1935, University of Wichita; M.M., 1940, Northwestern University.
- Eugene Benedetti (1950)..... Assistant Professor of Education
 B.A., 1935, University of California, Los Angeles; M.S., 1942, University of Southern California; Ed.D., 1950, University of Southern California.
- Raymond E. Bernberg (1949)..... Assistant Professor of Psychology
 B.A., 1948, M.A., 1949, Ph.D., 1950, University of California, Los Angeles.
- A. LeRoy Bishop (1950)..... Professor of Education
 B.S., 1935, Utah State Agricultural College; M.S., 1940, University of Southern California; Ed.D., 1946, Colorado State College of Education.
- Thompson Black, Jr. (1949)..... Assistant Professor of Government
 B.S., 1933, United States Naval Academy; M.A., 1949, University of California, Los Angeles; additional graduate study, University of California, Los Angeles.
- Florence M. Bonhard (1949)..... Assistant Professor of Foreign Language
 B.A., 1921, Stanford University; M.A., 1927, Columbia University; Ph.D., 1946, University of Southern California; additional graduate study, University of Mexico, University of Madrid, University of Paris, University of Southern California.
- Rebecca C. Bosworth (1949)..... Chairman of Nursing Department
 B.S., 1931, University of California, Los Angeles; R.N. (California), M.S., 1936, University of Southern California.
- William H. Bright (1950)..... Instructor in Business Administration
 A.B., 1949, Los Angeles State College; M.B.A., 1950, University of California, Los Angeles.
- Frances Cake (1950)..... Associate Professor of Physical Education
 B.A., 1930, University of Richmond; M.S., 1941, Wellesley College; Ph.D., 1949, University of Southern California.

- Daniel W. Calvin (1948).....Physician for College Men
B.A., Earlham College; M.D., Northwestern University; Internship, Cedars of Lebanon Hospital, Los Angeles; additional graduate study, Cook County Hospital, Chicago; Children's Hospital, Chattanooga; Elgin State Hospital, Illinois.
- Robert C. Catren (1949).....Assistant Professor of History
B.A., 1938, M.A., 1942, University of Southern California; additional graduate study, University of Southern California.
- Russell L. Chrysler (1950)
Associate Professor of Business Administration
B.B.A., 1932, M.B.A., 1937, University of Minnesota; additional graduate study, Northwestern University.
- Grant O. Cook (1948).....Associate Professor of Music
B.A., 1937, University of Utah; M.A., 1941, Ed.D., 1944, Columbia University; additional graduate study, University of Southern California, University of California, Los Angeles.
- Maurice Dance (1950).....Assistant Professor of Economics
B.A., 1947, University of Washington; M.S., 1949, University of Wisconsin; additional graduate study, University of Wisconsin.
- William E. Daywalt (1948).....Associate Professor of Art
B.E., 1940, M.A., 1944, Ed.D., 1949, University of California, Los Angeles; additional graduate study, University of California.
- Louis C. DeArmond (1950).....Assistant Professor in History
A.B., 1940, M.A., 1947, Ph.D., 1950, University of California at Berkeley.
- Solomon Diamond (1949).....Associate Professor of Psychology
B.S., 1927, M.A., 1928, New York University; Ph.D., 1936, Columbia University.
- Robert W. Durrenberger (1950).....Assistant Professor of Geography
B.S., 1940, Moorhead State Teacher's College; M.S., 1949, University of Wisconsin; additional graduate study, University of California, Los Angeles.
- Floyd R. Eastwood (1948).....Professor of Education
B.P.E., 1922, Springfield College; M.A., 1924, Clark University; Ph.D., 1936, New York University.
- Alfred Ehrhardt (1950).....Assistant Professor of English
B.A., 1930, Holy Cross College; M.S. in Education, 1948, University of Southern California; Ed.D., 1950, University of Southern California.
- Ruth Eldred (1950).....School Nurse
R.N., 1947, New York City Hospital; P.H.N., University of California, Los Angeles.
- Saxon C. Elliott (1950).....Associate Professor of Physical Education
B.S., 1934, M.S., 1949, University of Southern California.
- Marian Evans (1948).....Assistant Professor of Education
B.S., 1930, New York University; M.A., 1942, University of Southern California; additional graduate study, University of California, Los Angeles.
- Homer D. Fetty (1950).....Cordinator of Trade and Industrial Education
B.A., 1935, University of California, Los Angeles; M.S., 1939, University of Southern California.

- John E. Firman (1949).....Assistant Professor of Education
B.A., 1934, University of Buffalo; M.S., 1941, University of Southern California;
additional graduate study, Claremont College.
- Howard A. Fleming (1949).....Assistant Professor of History
B.A., 1947, University of California, Los Angeles.
- Joseph B. Ford (1950).....Assistant Professor in Sociology
B.A., 1937, University of California at Los Angeles; M.A., 1941, University of
Southern California; additional graduate study, Harvard University.
- George N. Francis (1949).....Assistant Professor of Business Administration
B.S., 1942, University of Southern California; additional graduate study, Univer-
sity of Southern California; C.P.A., 1948.
- Louis G. Gardemal (1950).....Assistant Professor of Radio and Television
B.S.C., 1940, St. Edwards University; Ph.D., 1950, University of Iowa.
- William Gellermann (1949).....Professor of Education
B.A., 1922, M.A., 1924, University of Washington; Ph.D., 1938, Columbia Uni-
versity.
- Emmett A. Greenwalt (1949).....Assistant Professor of History
B.A., 1937, M.A., 1940, Ph.D., 1949, University of California, Los Angeles.
- Ann L. Greer (1949).....Assistant Professor of English
B.A., 1927, Zion College; M.A., 1947, University of Southern California; addi-
tional graduate study, University of Southern California.
- Joseph H. Grosslight (1950).....Assistant Professor of Psychology
B.A., 1943, University of California at Los Angeles; M.A., 1945, Ph.D., 1947,
Yale University.
- Elliott W. Guild (1949).....Professor of Government
B.A., 1925, University of Wisconsin; M.A., 1931, Ph.D., 1935, Stanford University.
- Freda Haffner (1947).....Physician for College Women
B.A., Pacific Union College; M.D., College of Medicine, Loma Linda and Los
Angeles; additional graduate study, University of London, School of Tropical
Medicine and Hygiene.
- Lorentz I. Hansen (1949).....Assistant Professor of History
A.B., 1910, Central College; M.A., 1912, B.D., 1915, University of Chicago; Ph.D.,
1934, Boston University.
- Sib O. Hansen (1948).....Assistant Professor of Business Administration
B.S., 1941, University of Oklahoma; C.P.A., 1946; additional graduate study,
University of Southern California.
- Rita M. Hanson (1949).....Assistant Professor of Education
B.S., 1936, M.A., 1938, University of Iowa; Ed.D., 1949, Stanford University;
additional graduate study, New York University.
- Clare Marie Hegele (1950).....Order Librarian
B.A., 1933, University of California, Los Angeles; M.S., 1949, University of
Southern California.
- Roberta Marjorie Heid (1948).....Circulation Librarian
B.A., 1948, San Jose State College.

- Jack C. Heppe (1949).....Accounting Officer
B.S., 1948, University of Southern California.
- Frank J. Hill (1949).....Associate Professor of Business Administration
B.S., 1919, Earlham College; M.B.A., 1929, University of Southern California;
C.P.A., 1941; additional graduate study, New York University.
- Elizabeth B. Hone (1950).....Assistant Professor of Education
B.A., 1931, Wellesley College; M.A., 1936, Columbia University; additional
graduate study, Harvard University, Yosemite Field School.
- Bernard L. Hoyt (1950).....Associate Professor of Business Administration
LL.B., 1926, University of Southern California; admitted to California State Bar
in 1926.
- Gertrude Humphries (1949).....School Nurse
R.N., Newark Beth Israel Hospital; B.A., P.H.N., University of California, Los
Angeles; M.A., Columbia University.
- Eula O. Jack (1948).....Assistant Professor of Speech
B.S., 1926, Oklahoma Agricultural and Mechanical College; M.A., 1930, Univer-
sity of Southern California; additional graduate study, University of Southern
California.
- Carter Godfrey Jefferis (1950).....Assistant Professor of History
B.A., 1930, University of California, Los Angeles; Ph.D., 1943, University of
California.
- Lauris L. Jones (1949).....Assistant Professor of Music
B.A., 1938, San Jose State College; M.A., 1942, Columbia University.
- Morris Val Jones (1950).....Assistant Professor of Speech
B.A., 1935, Baker University; M.A., 1937, University of Iowa; additional graduate
study, Stanford University.
- Felix J. Jumonville, Jr. (1948).....Assistant Professor of Physical Education
B.S., 1942, Louisiana State University; M.A., 1949, University of Southern Cali-
fornia; additional graduate study, University of Southern California.
- A. Helen Kennedy (1949).....Associate Professor of Education
B.A., 1932, University of California, Los Angeles; M.A., 1934, Claremont College;
Ph.D., 1940, University of Chicago; additional graduate study, Claremont College,
University of Southern California.
- Kenneth M. Kerans (1950).....Dean of Administration
B.A., Washburn College; M.A., University of California.
- Sterling P. Kincaid (1948).....Assistant Professor of English
B.A., 1932, M.A., 1934, Ph.D., 1939, University of Southern California; additional
graduate study, University of Washington.
- Robert V. Kovacic (1949).....Lecturer in Art
B.A., 1949, San Diego State College.
- Theodore W. Little (1950).....Assistant Professor of Art
B.A., 1939, M.A., 1940, Colorado College; additional graduate study, University
of Southern California, Art Center School, Los Angeles.

- William L. Lloyd (1950)
Assistant Professor of Life Sciences; Curator, Life Sciences Museum
D.D.S., 1904, University of Pennsylvania.
- Yale E. Lorden (1950)..... Associate Professor of Education
B.A., 1937, Santa Barbara State Teachers College; M.A., 1940, Stanford University;
Ph.D., 1949, University of Chicago.
- Ferron C. Losee (1949)..... Associate Professor of Physical Education
B.S., 1935, Brigham Young University; M.S., 1938, University of Southern California;
additional graduate study, University of Southern California.
- Rodney F. Luther (1950)..... Associate Professor of Business Administration
B.B.A., M.B.A., University of Minnesota; Ph.D., 1949, University of Minnesota.
- George H. McClellan (1950)..... Associate Professor of Education
B.A., 1930, Dartmouth College; Ph.D., 1940, Ohio State University.
- Thomas M. McGrath (1950)..... Assistant Professor of English
B.A., 1939, University of North Dakota; M.A., 1940, Louisiana State University;
additional graduate study, New College, Oxford University.
- Donald Keith Manion (1950)..... Associate Professor of Art
B.A.E., 1929, John Herron Art School; M.A., 1947, University of Oregon; additional
graduate study, University of Iowa.
- Marie Young Martin (1947)..... Lecturer in Education
B.A., 1930, University of California; M.S., 1946, University of Southern California;
additional graduate study, University of Southern California.
- Warner K. Masters (1949)..... Comptroller
B.S., 1949, University of Southern California.
- Leonard G. Mathy (1950)..... Associate Professor of Economics
B.A., 1941, M.A., 1943, Ph.D., 1946, University of Illinois.
- Chester R. Milham (1949)..... Professor of History
B.A., 1914, Baker University; M.A., 1933, Ph.D., 1938, University of Southern
California.
- Marguerite Mochel (1949)..... Assistant Professor of Physical Education
B.A., 1940, Hunter College; M.A., 1942, Columbia University; Ph.D., 1949, Uni-
versity of Southern California.
- Grace V. Morgan (1949)..... Assistant Professor of Education
B.S., 1930, Missouri University; M.A., 1935, Columbia University; additional
graduate study, University of Southern California.
- Donald G. Mortenson (1949)..... Associate Professor of Education
B.A., 1937, Brigham Young University; Ed.D., 1950, University of Southern
California.
- John A. Morton (1948)..... Professor of Education
B.S., 1936, M.S., 1939, University of Oregon; Ed.D., 1945, Stanford University.
- Hugh B. Mullins (1950)..... Assistant Professor of Music
B.M.Ed., 1945, Millikin Conservatory of Music; additional graduate study, Uni-
versity of Southern California.

- Richard O. Nahrendorf (1950)..... Associate Professor of Sociology
Certificate in Social Work, 1932, School of Social Work, Leipzig, Germany;
A.B., 1944, Ph.D., 1948, University of Southern California; Certificate in Social
Work, University of Southern California, 1945.
- Edward J. Neale (1949)..... Associate Professor of Education
B.A., 1940, M.A., 1944, University of Notre Dame; Ph.D., 1949, University of
California; additional graduate study, Stanford University.
- Leslie W. Nelson (1950)..... Associate Professor of Education
B.S., 1930, M.S., 1931, Utah State Agricultural College; Ph.D., 1944, Ohio State
University.
- John C. Norby (1950)..... Assistant Professor of Economics
B.A., 1936, Eastern Washington College of Education; B.S., 1939, University of
Washington; M.A., 1949, University of Minnesota.
- William C. Nutting (1950)..... Assistant Professor of Education
B.A., 1947, Colorado State College; M.A., 1948, Colorado State College; Ed.D.,
1950, University of Oregon.
- Delmar T. Oviatt (1950)..... Associate Professor of Education
B.A., 1939, University of Alberta; Ed.D., 1944, Stanford University.
- Peter K. Page (1949)..... Assistant Professor of Music
B.A., 1936, Haverford College; B.S., 1941, Institute of Musical Art; M.A., 1940,
Colorado College; additional graduate study, Juilliard Graduate School.
- Dorothy R. Peckham (1950)..... Associate Professor of Education
B.A., 1932, M.A., 1933, Ed.D., 1948, University of Texas.
- Esther Penchef (1948)..... Associate Professor of Sociology
B.S., 1935, Bowling Green State University; M.A., 1940, University of Toledo;
Ph.D., 1947, University of Southern California.
- Jane Koehler Plank (1949)..... Assistant Professor of Music
B.S., 1944, State Teachers College (Potsdam, New York); M.A., 1948, Columbia
University; additional graduate study, Juilliard School of Music, University of
Buffalo.
- Gerald Prindiville (1949)..... Professor of Education
B.A., 1932, San Jose State College; M.S., 1933, University of Idaho; Ed.D., 1950,
University of Southern California; additional graduate study, Claremont College,
University of New Mexico, University of Southern California.
- Alice E. Ray (1950)..... Assistant Professor of Music
B.A., 1935, Occidental College; 1938-40, L'Ecole Normale de Musique, Paris;
M.A., 1942, Occidental College; Doctoral candidate, University of Southern
California; Student in piano with Thilo Becker, Vlado Perlemuter, Alfred Cortot
and Egon Petri.
- Warren E. Reeves (1950)..... Assistant Professor of Physical Education
B.A., 1940, Hastings College; M.S. in Education, 1948, University of Southern
California; additional graduate study, University of Southern California.
- Morton J. Renshaw (1950)..... Professor of Psychology
B.A., 1938, M.A., 1942, Colorado State College of Education; Ph.D., 1947, Stan-
ford University.

- Roland Case Ross (1950).....Lecturer in Life Sciences
B.A., 1931, University of California, Los Angeles; M.S., 1932, California Institute of Technology.
- Hudson Roysner (1950).....Assistant Professor of Art
B.S., 1934, Western Reserve University; M.F.A., 1948, University of Southern California.
- Edward Rubin (1950).....Lecturer in Business Administration
A.B., 1933, University of California at Los Angeles; LL.B., 1936, Duke University; admitted to New York State Bar, 1937, California State Bar, 1941.
- Raymond A. Rydell (1948).....Associate Professor of History
B.A., 1937, M.A., 1947, Ph.D., 1948, University of California, Los Angeles; additional graduate study under the Rockefeller Foundation.
- Clarence K. Sandelin (1949).....Associate Professor of English
B.A., 1939, M.A., 1942, University of Iowa; additional graduate study, University of Wisconsin.
- Ake Sandler (1949).....Assistant Professor of Government
B.A., 1946, M.A., 1946, University of Southern California; Ph.D., 1950, University of California, Los Angeles.
- Delwyn G. Schubert (1950).....Assistant Professor of Education
B.S., 1942, Oshkosh State Teachers College; M.S., 1947, University of Wisconsin; Ph.D., 1949, Northwestern University; additional graduate study, University of California, Los Angeles.
- Paul T. Scott (1950).....Assistant Professor of Journalism
A.B., 1930, Indiana University; M.A., 1938, University of Iowa.
- Grant E. Shepard (1950).....Assistant Professor of Drama
B.A., 1949, M.A., 1949, University of California at Los Angeles.
- Frederick B. Shroyer (1950).....Assistant Professor of English
B.A., 1948, M.A., 1949, University of Southern California; additional graduate study, University of Southern California.
- Floyd R. O. Simpson (1949).....Professor of Economics
B.A., 1933, M.A., 1938, Ph.D., 1943, University of Minnesota.
- Esther B. Sion (1949).....Instructor in Art
B.F.A., 1937, M.F.A., 1941, University of Southern California.
- Richard Slobodin (1950)
Assistant Professor of Anthropology and Sociology
B.S., 1936, M.S., 1938, College of City of New York; additional graduate study, Columbia University.
- Carol J. Smallenburg (1950).....Assistant Professor of Education
B.A., 1935, Ed.D., 1948, Stanford University; additional graduate study, Mills College, University of Chicago, Columbia University.
- Joseph W. Stanley (1949).....Professor of Education
B.A., 1928, Cornell University; M.A., 1941, Ph.D., 1948, Stanford University.

- Cecil C. Stewart (1949).....Assistant Professor of Education
B.A., 1922, University of Redlands; M.A., 1928, University of Southern California; Ed.D., 1942, Stanford University; additional graduate study, University of Chicago.
- Margaret Strohmer (1950).....Catalog Librarian
B.S., 1945, Wayne University; B.S. in L.S., 1947, University of Southern California.
- Franklin V. Thomas (1948).....Professor of Education
B.A., 1924, M.A., 1929, Indiana University; Ph.D., 1939, Ohio State University; additional graduate study, University of Chicago, Columbia University, University of Wisconsin, McGill University.
- Fred M. Tonge (1948).....Professor of Education
B.A., 1928, San Jose State College; M.A., 1929, Ed.D., 1945, Stanford University.
- Thomas Tramel (1950).....Assistant Professor of Art
A.B., 1942, Colorado State College of Education; additional study, Art Center School, California School of Art.
- Vernette Trospen (1950).....Assistant Professor of Foreign Language
B.A., 1933, M.A., 1935, University of California, Los Angeles; additional graduate study, University of California, Los Angeles.
- Samuel E. Urner (1950).....Professor of Mathematics
Ph.B., 1906, Baker University; Ph.D., 1911, Harvard University.
- Karl F. Venter (1949).....Assistant Professor of Business Administration
B.S., 1931, Pennsylvania State College; additional graduate study, University of California, Los Angeles; Professional Engineer (Mechanical), State of California.
- Karl M. Wallace (1948).....Assistant Professor of Sociology
B.S., 1942, M.S., 1945, Brigham Young University; Ph.D., 1947, University of Southern California.
- Tully E. Warren (1950).....Assistant Professor in Government
B.A., 1938, M.A., 1939, Ph.D., 1950, Stanford University.
- Dewitt C. Watson (1949).....Associate Professor of Business Administration
B.S., 1915, U. S. Naval Academy; M.B.A., 1939, Ph.D., 1946, University of Southern California.
- Howard E. Wilkening (1948).....Professor of Psychology
B.S., 1933, New York University; M.A., 1939, University of Colorado; Ph.D., 1941, New York University; additional graduate study, Purdue University, University of Colorado.
- James C. Williamson (1950).....Assistant Professor of Education
Ed.B., 1926, University of California, Los Angeles; M.S., 1936, University of Pennsylvania; additional graduate study, University of Pennsylvania, University of Southern California.
- Donald P. Wilson (1948).....Professor of Psychology
B.A., 1922, Asbury College; M.A., 1929, University of Florida; Ph.D., 1941, University of Southern California.

Frank S. Wilson (1949).....Assistant Professor of Business Administration
B.A., 1936, University of Hawaii; additional graduate study, University of Michigan, Stanford University, University of Southern California; Professional Engineer (Mechanical), State of California.

Gordon W. Wilson (1949).....Librarian
B.A., 1929, University of California; Certificate in Librarianship, 1940, University of California; M.A., 1949, Johns Hopkins University.

James B. Wilson (1948).....Associate Professor of Philosophy and Sociology
B.A., 1936, Maryville College; B.D., 1939, Garrett Biblical Institute; M.A., 1942, Ph.D., 1944, University of Southern California; additional graduate study, University of Southern California.

William T. Wilson (1949).....Assistant Professor of Business Administration
B.S., 1925, M.S., 1931, University of Arkansas; Ph.D., 1934, Cornell University.

Dorothy Zietz (1950).....Assistant Professor in Sociology
B.S., 1944, Illinois Institute of Technology, Chicago; M.A., 1946, Loyola University of Social Work, Chicago.

PART-TIME FACULTY

- | | |
|-------------------------------|----------------------------------|
| Arnheim, Roy L., M.S. | Edinger, S. Calvin, B.A. |
| Bailey, Helen, Ph.D. | Edwards, Benjamin, M.A. |
| Barber, Helen M., B.E. | Eversoll, John D., B.A. |
| Beasley, Mary R., M.A. | Fanton, Conrad R., M.B.A. |
| Bell, Archibald W., Ph.D. | Fadler, Jane, M.A. |
| Bell, Howard M., B.S. | Fera, Gilman C., B.S. |
| Bennett, Esther W., M.A. | Floyd, Earl Howard, M.S. |
| Berg, George O., M.D. | Foley, Louis F., B.S. |
| Bernoff, Louis I., M.S. | Gannon, Joseph F., Ed.D. |
| Bibb, Lydia W., M.S. | Garner, Jefferson L., Ed.D. |
| Black, Frank, M.S. | Goates, Raeldon K., M.S. |
| Borders, Irvin, B.A. | Gooding, Freda E., R.N. and B.S. |
| Borton, William M., M.B.A. | Goody, George Henry, M.A. |
| Bristol, Esther G., M.A. | Gould, Robert B., M.A. |
| Browell, Kenneth, M.A. | Greenup, Harriet, M.A. |
| Brown, Marjorie, M.A. | Grinnell, Frances G., M.S. |
| Bryan, Bernice C., M.A. | Hagedorn, Frederick N., B.M. |
| Burger, Oak K., B.S. and B.A. | Harper, Wilma Mae G., B.A. |
| Campbell, Harry W., M.A. | Harrington, Mayne A., Ph.D. |
| Carroll, June Starr, M.A. | Hefler, Richard J., B.A. |
| Carthew, Arthur, M.A. | Hodge, Harold S., B.A. |
| Cassel, Joe Williard, M.S. | Houser, Herbert Arthur, LL.B. |
| Caswell, Oscar C., M.A. | Humbert, Alice B., M.A. |
| Chace, Haile, M.F.A. | Jenks, Wilford E., M.A. |
| Clark, Charles M., M.S. | Johnson, Virginia, Ed.D. |
| Cole, Natalie R., B.A. | Jones, Berdine J., Ph.D. |
| Colodny, Isidor, M.A. | Juneman, Helen, B.A. and B.E. |
| Comsky, Bernard, M.A. | Kegler, J. D., M.S. |
| Crandall, Luzerne W., M.A. | Keslar, Miriam, B.A. |
| Daywalt, Francis, B.E. | Kirkpatrick, W. Bruce, M.A. |
| Dederick, Nellie E., B.E. | Lacy, James Samuel, M.A. |
| Derrick, James C., M.S. | Lazare, Eugene, M.A. |
| Diehl, Adam E., Sc.D. | Limonick, Natalie, M.A. |
| Dresser, Jay D., M.S. | Livingston, Alfred, A.B. |

- Macy, Helen K., M.A.
 Marbut, John Albert, B.A.
 Marsh, Charles S., Ph.D.
 Martin, Clyde V., A.B.
 May, Ernest R., M.A.
 McGrath, Thomas E., M.A.
 McLaughlin, Roberta, M.S.
 Newby, Ruth, B.A.
 O'Bryan, James W.
 Orsatti, Louis A., B.S.
 Patterson, Ruth W., M.A.
 Pierce, George O., M.B.A.
 Pippert, Maud Taylor, B.S.
 Quilliam, Vernon V., M.A.
 Reams, Lois, B.A.
 Redit, Edith, M.A.
 Robertson, Eileen
 Schmalzreid, Wilma, B.A.
 Schmuller, Allen E., Ph.D.
 Shapiro, Stewart B., M.S.
 Shattuck, Evelyn R., R.N. and M.S.
 Shaw, John W., Ph.D.
 Sheeran, Burt, M.A.
 Shepherd, Cerald Q., M.S.
 Sigurdson, Halldora K., M.A.
 Smedley, Harlan O., B.A.
 Smith, Thomas W., M.A.
 Smith, Valene L., B.A.
 Soash, David G., B.A.
 Spivey, Gordon M., Ed.D.
 Stahlem, Evelyn M., M.A.
 Stanton, Joseph O., M.A.
 Stewart, Florence Van Dyne, B.A.
 Suman, Ruth T.
 Thompson, Alice C., Ph.D.
 Tucker, Mildred F., B.A.
 Van Ness, Pauline Peipers, B.A.
 Warick, Edith H., B.S.
 Williams, Stanley W., Ed.D.
 Wilson, Jeanne S., M.S.
 Wilson, Mabel Miller, B.S.

TEACHERS, PRINCIPALS, AND OTHER ADMINISTRATIVE OFFICERS IN THE CITY AND COUNTY PUBLIC SCHOOLS COOPERATING IN THE TEACHER TRAINING PROGRAM

Adams, Philip V.
 Alexander, Signe
 Allaire, Robert A.
 Anderson, Beatrice
 Andries, Maurice
 Aquilino, Marjorie
 Ashton, Fred L.
 Bacon, Leonard
 Barker, Evelyn L.
 Barnes, Anges O.
 Barnum, Bernice W.
 Bauer, Arnold
 Beck, Maxine
 Bennett, Wilhelmina
 Berckhan, Helen H.
 Black, Gladys M.
 Black, Lillus
 Blank, Callie
 Bordahl, Esther
 Boyd, Grace
 Brinn, Vera L.
 Brunner, Robert
 Bullock, Albert Ernest
 Burke, Helen
 Burroughs, Frank S.
 Bussard, Lucille
 Butler, Paul C.
 Cain, Ruth
 Cannon, Charles H.
 Cawood, Elaine
 Chambeau, Iva
 Clinkenbeard, William H.
 Cole, Benjamin
 Compton, Janet
 Conover, Wilbur W.
 Cornelius, Lovelle
 Crandall, Esther
 Crenshaw, Blanche
 Croad, J. R.
 Davidson, Mildred
 Davis, Janice L.
 Davison, Margaret
 Dickerson, Isabelle
 Dickinson, Hattie
 Donnelly, Glen
 Doss, Anabell

Eller, Sheldon C.
 Ernst, Ada
 Fahs, Lucille
 Farmer, Richard
 Finley, Bill
 Fischer, Margaret
 Flaharty, Edith
 Flynn, Nora
 Forney, Burton
 Fremont, B. Ruth Pratt
 Gamble, George H.
 Genter, Robert
 Goldberg, Joseph
 Goss, Janet
 Gray, Eric
 Griffin, Clementina deF.
 Haas, Minnie
 Hackney, Beth
 Hallett, Gladys
 Hamill, June
 Hammer, Gladys
 Hart, Margaret
 Hayhurst, Normal C.
 Haynes, Lois
 Heideman, Joanna
 Heimberger, Henrietta
 Heisner, H. Fred
 Helfrich, Mary K.
 Heller, Marguerite
 Hemme, Elsie
 Hewlett, Byrda
 Hoban, Irene
 Hoffman, Eleanor
 Holliday, Edith
 Holmes, Robert
 Hosack, Edith
 Howe, Knowles C.
 Hubbard, Phillip
 Huizing, Betty
 Hull, John H.
 Hummell, Peggy
 Hurlbert, Kenneth M.
 Hurley, C. L.
 Ives, Maurice
 Jackman, Taylor
 Jackson, Leone

Jacoway, Geraldine
 Johnson, Kenneth
 Johnson, Russell
 Jones, Ferne R.
 Jones, William W.
 Kempton, Norman W.
 Kipnis, Eugene A.
 Koumjian, Rose
 LaGarde, Beatrice
 Lawrence, Estelle
 Lahr, Helen
 Lewis, Gilbert
 Lewis, Marjorie
 Liljestrand, Ruth
 Lippincott, Byrne
 Lirner, Yvette K.
 McLeod, Mattie
 McClintic, S. C.
 McDonald, William E.
 McKay, Henry W.
 McKee, Margery
 McLennan, Ian P.
 McMaster, James
 Mahaffay, Clarence
 Mahanay, Katherine
 Mann, William Finley
 Martner, Helen
 Massey, Ruth
 Maus, Alberta D.
 Melton, Mary F.
 Meyer, Eunice
 Milem, Rosalie
 Mitchell, William
 Mixsell, Frank H.
 Molloy, Katherine
 Mosier, Jack
 Mullard, Cameron
 Neher, Gerwin Charles
 Neiley, Katherine
 Nelson, Alice
 Nelson, Linea
 Nettles, Charles H.
 Newman, Bonnie Walter
 Noskoff, Faye
 Ogborn, A. Gerald
 Oles, Ruth
 Olson, Alice
 Paul, Ruth Greene
 Pearsall, Anna Belle
 Peters, Kenneth L.
 Plate, Nadaene
 Podjar, Sonia
 Phelps, Dorothy
 Phillips, Rose

Pollich, Raymond E.
 Posa, Don L.
 Prante, Loyd Vincent
 Purdy, Robert Jerome
 Reavis, Alice
 Reginer, Marie
 Rice, Eldridge N.
 Riddlebarger, Clifford G.
 Riediger, Mabel
 Riley, Thomas M.
 Ristrom, Mildred
 Roberts, J. Howard
 Robinson, Jack
 Roe, Minnie
 Rowley, Marion
 Scharer, Annie M.
 Seyler, Louise
 Sharpe, Florence
 Smith, Lee Roy
 Solstrom, Adelia M.
 Stoddard, Alexander J.
 Taylor, Marie
 Teeple, Ethel
 Thomas, Hubert
 Thompson, Scott
 Thorme, Dorothea F.
 Tibby, Ardella
 Timmons, Howard M.
 Troth, Eunice S.
 Troy, Honor
 Trygstad, Walter
 Van Noy, Glen H.
 Van Patten, Elizabeth
 Vary, Marian
 Voliva, Bessie
 Von Der Lohr, Deliene
 Wagstaff, Marian C.
 Wall, Irma
 Webber, Mary
 Webster, Evelyn
 Wechsler, Elaine
 Weis, Mona
 Weybright, Vernon H.
 Whinnery, John C.
 Whiteman, Marina
 Whitten, Elizabeth
 Wickersham, Louise
 Wildung, Myrtle
 Wilhelm, Ruth
 Willcox, Luttie
 Williams, Dan T.
 Wilmont, Myra
 Wilson, Eleanor C.
 Wood, Herbert S.

DIVISION AND DEPARTMENT CHAIRMEN

Department of Art	William E. Daywalt
Division of Business and Economics	Floyd R. Simpson
Department of Education	Fred M. Tonge
Division of Language Arts and Literature	Clarence K. Sandelin
Department of Mathematics	Samuel E. Urner
Department of Music	Grant O. Cook
Department of Nursing	Rebecca C. Bosworth
Department of Psychology	Howard E. Wilkening
Division of Physical Education Health, Recreation and Athletics	Ferron C. Losee
Division of Science	Dean Anderson
Division of Social Science	Raymond A. Rydell

Although departments are grouped into divisions for administrative reasons, the various subject fields are distinct and all are listed separately in the catalog, except Physical Science.

STANDING COMMITTEES AND CHAIRMEN

Directed Teaching	Fred M. Tonge
Alternate Work-Study	Homer D. Fetty
Curriculum	Chester R. Milhan
Graduate Planning Committee	William Gellermann
Library Advisory	Gordon Wilson
Presidents' Council	Howard S. McDonald
Rank and Promotion	John A. Morton
Scholarship and Loan	Floyd R. Eastwood
Special Observances	Carol J. Smalenburg
Student Petitions	Edward J. Neale
Student Services	Morton J. Renshaw
U. S. History and Constitution of U. S.	Raymond A. Rydell

GENERAL INFORMATION

AIMS AND FUNCTIONS

The Los Angeles State College was created by legislative act in 1947 and located in the City of Los Angeles. In 1949 a new legislative act reconstituted the institution and named it the Los Angeles State College of Applied Arts and Sciences.

The fundamental purpose of the college is to serve the needs of the community and the State. The functions of the college include: The preparation of teachers; the training of students for gainful occupations in the applied arts and sciences, especially in business and industry; the offering of general and liberal education for responsible citizenship; as well as professional education designed for students who plan to transfer to universities for advanced professional study.

The phrase, "of Applied Arts and Sciences," in the title of the college indicates that this state college is to be especially sensitive to the needs of business and industry in the community. This should connote not a narrow trade school approach but that of cooperative education in a broad sense. A distinguishing feature of Los Angeles State College is its "alternate work-study" plan now being developed, in which selected pairs of students alternate between job and classroom, keeping a close tie between theory and practice.

The offerings of the college thus reflect all these interests and responsibilities of this state college: Teacher preparation, including credential requirements; bachelor's and master's degree objectives; business and industrial training; general liberal arts education; and professional education.

ORGANIZATION OF THE COLLEGE

The Los Angeles State College of Applied Arts and Sciences is at present an upper division and postgraduate state college. It thus does not overlap the Los Angeles City College, located on the same campus, which is a junior college. Though separate institutions, the two schools cooperate closely in use of plant and facilities and share the services of certain senior administrative officers. The contractual relationship between the State Department of Education and the Los Angeles City Board of Education, broadens the resources of both colleges and permits the registration of freshmen and sophomore students in a junior college directly correlated to the upper division program of state college. It also provides a means for state college students to make up lower division deficiencies and other requirements.

The extended day, or evening division, of the Los Angeles State College of Applied Arts and Sciences is an integral part, but not separate from, the institution as a whole. The courses offered by the evening division in late afternoon and evening are given on the same basis as the

day classes, using the same plant and meeting the same requirements. Plans are underway for the formation of extension centers.

RECOGNITION

The Los Angeles State College of Applied Arts and Sciences is legally authorized and required to provide training for service in the public schools. Credits are accepted by the State Department of Education in fulfillment of requirements for the various credentials authorizing public school service.

Credits earned in recognized programs may be transferred to the University of California and to other state colleges in California.

Application has been made for accreditation to a regional agency of a national accrediting association.

Los Angeles State College is on the approved list of United States Department of Justice for nonquota immigrant students.

A student who wishes to transfer to any other collegiate institution should follow the degree and scholarship requirements of that college to avoid loss of time after transfer.

LOCATION

Los Angeles State College of Applied Arts and Sciences at 855 North Vermont Avenue is situated in the heart of the city, surrounded by shopping districts, apartments and private homes. The college is connected, by main arteries of busses and streetcars, with all sections of the metropolitan area. The Los Angeles-Hollywood freeway is but four blocks away.

BUILDINGS, EQUIPMENT AND LIBRARY

Los Angeles State College has no buildings of its own, but rents buildings, classrooms, laboratories, special rooms, athletic facilities, and some of its equipment from Los Angeles City College. The 30 acres contain buildings and facilities typical of a very large metropolitan junior college, including men's gymnasium, women's gymnasium, athletic fields and courts, swimming pool, an auditorium of 1,600 capacity, a library of 75,000 volumes, audio-visual center, student union, little theatre, various administrative and instructional buildings, plus about 50 temporary bungalows.

In addition a separate building houses the State College Library with its 15,000 volumes and 300 periodicals, carefully selected for the upper division student. The library is open on all school days from 8 a.m. to 9 p.m., except on Friday when it closes at 4.30 p.m.

ADMISSION REQUIREMENTS

Admission to the Los Angeles State College of Applied Arts and Sciences is based on evidence that the student has completed at least 60 units of lower division college work and has met the scholarship standard represented by at least an average of grade "C" in all college courses undertaken. Not more than 64 units of lower division college work will

be accepted at time of admission. An application must be submitted. **An applicant may not disregard any part of his college work in applying for admission.** He should ask the registrars of all high schools and colleges attended to forward complete official transcripts direct to the Director of Admissions, Los Angeles State College. A statement of honorable dismissal from the last college attended must also be presented.

Students who do not qualify for admission may apply at the Admissions' Office for advice on how best to remove entrance deficiencies. Admission to graduate courses is limited to holders of the bachelor's degree from an accredited college. Transcripts of record must be filed with the Director of Admissions before admission will be granted on graduate status.

CLASSIFICATION OF STUDENTS

Students are either on probation (having scholastic deficiencies) or in good standing (neither on probation or under disciplinary action). Students are further classified as regular (carrying six or more units) or limited (with five or fewer units).

EXAMINATIONS

Final examinations are required in all courses.

EVALUATION OF CREDITS

Before an evaluation of credits can be made, official transcripts of high school and all college records must be sent to the Director of Admissions by the registrars of the schools attended. Transcripts will not be accepted from students. A fee of \$2 is charged for official evaluation of record for nonmatriculated students.

PROVISION FOR VETERANS

The Los Angeles State College of Applied Arts and Sciences is approved for the training of veterans of World War II. 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 service.

In accordance with recommendation of the American Council on Education, and with the endorsement of the State Board of Education, the Los Angeles State College will grant credit for military experience. Such credit will be granted only upon completion of the military service and upon application to the Director of Admissions for evaluation. The application should be accompanied with a photostatic copy of veteran's separation papers, and must be made at the time the student applies for admission.

PERSONNEL SERVICES

Personnel Services available to students include counseling, placement, and health service. Veterans may avail themselves of the services of the Veterans Administration representative in Administration Room 112. Students may get further information regarding these services from the offices of the Dean of Men and Dean of Women of the State College, and from the Office of the Dean of Student Personnel.

HEALTH SERVICE

Los Angeles State College of Applied Arts and Sciences provides facilities for medical examinations, first aid, health information and health counseling for students.

There are two full-time physicians, two registered nurses and a clerk in attendance on the campus five days a week. The offices are open from 8 a.m. to 9 p.m. except Fridays when the offices close at 6 p.m.

The Health Office at present is located in Bungalow 15, which is adjacent to the northeast corner of the Women's Gym.

TESTING

All entering upper division students must take an aptitude test and the writing proficiency test. In addition all majors in the various language arts must complete a comprehensive and integrative survey and examination during the final semester of their senior year. All education credential candidates must take a fundamentals test which is usually given at the beginning of each semester.

COUNSELING

The college offers the services of a trained staff to students who wish help in the solution of problems which are personal, social, academic, or occupational in nature. It is a program designed to help students gain the greatest possible advantage of their college experience.

PLACEMENT

The college maintains a placement service available to students and graduates. Those students who wish to obtain part-time work to help defray the expenses of going to school should register with the placement office in Administration Room 122. A placement service is also maintained to assist those graduating with teaching credentials. This service is maintained in Administration Room 224.

ORIENTATION

At the beginning of each semester the students and faculty of Los Angeles State College present a program designed to acquaint new

students with the opportunities for participation in student affairs and student activities on the campus.

STUDENT ORGANIZATIONS

All students become members of the Associated Students upon payment of membership dues, payable each semester at the time of registration. This membership entitles the student to: Admission to all athletic events, to music activities, to various dances and other social functions. Membership in the Associated Students is a qualification for voting and holding office, and for membership in the recognized student organization.

The activities of student groups on campus are coordinated by the Interclub Council. Organizations which have been granted charters by the Interclub Council include the following:

Blue Key (National Men's Service Honorary)	Las Damacitas (Hostess Club)
California Association of Health, Physical Education and Recreation (CAHPER)	Order of Satan (Lettermen's Club)
California Student Teachers Association (CSTA)	Peons (Men's Social Club)
Collegiate Council for the United Nations	Phrateres (National Women's Service Club)
Circulo Photography Club	Psychological Association
Delta Sigma Xi (Mathematics club)	Sigma Alpha Gamma (Art Club)
English Club	Sigma Chi Alpha (Accounting Club)
Gamma Omicron Kappa (Honorary Music Society)	Society for the Advancement of Management (SAM)
	Tri-Alpha (Kindergarten-Primary Club)
	Y. W. C. A. (Student Club)

Social fraternities and sororities on campus have formed the Inter-Fraternity-Sorority Council for the purpose of coordinating the activities of these groups. There are now three fraternities and two sororities recognized by the Inter-Fraternity-Sorority Council. The fraternities are: Kappa Phi Sigma, Phi Delta, and Rho Delta Chi. The sororities are: Alpha Theta Pi and Delta Beta Sigma.

STUDENT PUBLICATIONS

The *College Times* is the student newspaper published weekly by the Associated Students. The college annual is called the *Pitchfork Statement* is a student literary publication which appears each semester. The student handbook, put out by the Associated Students, serves as a source of information on student functions and student affairs, and includes a detailed description of the nature and objectives of the various organizations. The handbook may be obtained by contacting the Dean of Men or Dean of Women.

SCHOLARSHIPS AND LOANS

Information regarding scholarships and loans available to students may be obtained from the Dean of Men and Dean of Women.

Los Angeles State College Semiannual Essay Contest. Prizes of \$30, \$20, and \$10 are awarded semiannually to the winners of an essay contest sponsored by Mr. George Burleigh and conducted by the Language-Arts Division.

LIVING ACCOMMODATIONS

There are no dormitories on the campus. Addresses of suitable living accommodations may be obtained through the office of the Dean of Students. There are few apartments available.

ATHLETICS

The intercollegiate athletic program at Los Angeles State College is considered a phase of the physical education program. Participation is open to any full-time student with athletic talents.

The college is a member of the California Collegiate Athletic Association and a complete program of intercollegiate athletics, with the exception of football, will be included during 1950-51. Football is anticipated by the Fall of 1951.

Participation in athletics carries one unit of activity credit with a maximum of two units in any one sport.

GENERAL REGULATIONS

LATE REGISTRATION

Students who have been cleared by the Admissions Office but who are unable to register during the regular registration period may register late with the approval of the Registrar. Late registrants will find themselves severely handicapped in arranging their programs and must pay a \$2 fee. The last day to register late each semester will be announced by the Registrar's Office.

STUDY-LIST REGULATIONS

At the beginning of each semester, every student is required to file with the Registrar, upon a date to be fixed by the Registrar, a detailed study list bearing the approval of a faculty adviser or other specified authority.

The presentation of a study list by a student and its acceptance by the college is evidence of an obligation on the part of the student to perform faithfully the designated work to the best of his ability. Withdrawal from, or neglect of, any course entered on the study list, or a change in program without the formal permission of the Registrar, makes the student liable to enforced withdrawal from the college, or to other appropriate disciplinary action.

Students may take 16 or fewer units without special permission, 17 or 18 units with special permission. Eighteen units are the maximum. Special permission may be applied for by filing a petition secured from the Registrar's Office.

No student will be permitted to enter upon the study of any subject if, in the opinion of the instructor, he lacks the necessary preparation to insure competent work. Every student is required to satisfy the instructor in each of his courses of study, in such ways as the instructor may determine, that he is performing the work of the course in a systematic manner.

Students may not earn double credit by repeating a course.

AUDITORS

Properly qualified persons may apply for admission to attend classes as auditors. Such students must meet the regular college entrance requirements and must pay the same fees as other students. Auditors have all the privileges of other students in the class, but may not attend examinations or receive credit.

MULTIPLE ENROLLMENT

Students may enroll concurrently in Los Angeles State College of Applied Arts and Sciences and in other institutions and have the units earned in those schools apply toward the graduation requirements of

State College, **provided** (1) those schools are accredited; (2) that they are not junior colleges; (3) that the total number of units carried during any semester is not more than what would be allowed if carried only at Los Angeles State College, and (4) that such units are not used to supplant the residence requirements of Los Angeles State College.

Students needing specific Los Angeles City College classes for graduation must obtain permission and register for those classes through Los Angeles State College registration procedures. Students registering directly with City College will receive no unit credit.

UPPER DIVISION COURSES

Upper division credit for upper division courses may be given to a lower division student, provided courses prerequisite to such upper division work have been satisfactorily completed and evidence of probable ability to do acceptable upper division work is available.

Students in the fourth semester of the Los Angeles City College who register for enough lower division courses to complete the total number of units required for upper division status (60) may complete their program of study with upper division courses, for which they will receive upper division credit.

Upper division status is required as a prerequisite to enrollment in any education course.

EXTENDED DAY CLASSES

Extended day classes are maintained for the purpose of providing mature persons with opportunities, during the late afternoon and evening hours, to do part-time college level work leading to advancement in business, education or other professional fields, toward completion of requirements for degrees or credentials, and to cultural or intellectual improvement.

Admission: Inasmuch as all courses given in the evening division are offered on the same basis as regular day classes, students must meet the same requirements as regular day students in order to be admitted to extended day classes.

Credit: All courses offered in the evening division are accepted toward graduation, credentials, or certificates unless otherwise indicated.

SUMMER SESSION

At the present time the Los Angeles State College of Applied Arts and Sciences has a six week summer session. For details write to the Director of the Summer Session.

WRITING PROFICIENCY

The student must demonstrate his ability to write competently in English, for skill in writing is fundamental to successful academic work, and is universally recognized as an essential element in all forms of practical enterprise.

Accordingly, the college requires of each student a series of essays. The first is a 50-minute impromptu essay, to be written before the student registers. This essay is graded by a faculty committee before registration. If the student earns a passing mark on this essay, he may register. If not, he must register for three units fewer than the maximum to which he is entitled and enroll at once in English 99, Composition Review, a course which does not carry upper division credit and which cannot be counted as a part of any major or minor.

The second and third 50-minute essays are to be written at mid-semester by all who earned a passing mark on the first essay. They are written as part of the class assignment in two different classes, preferably in the field of the student's major. These papers are to be graded by the professor(s) of the two classes concerned, who will look not only for command of the mechanics, but for an answer to the question: Does this particular essay demonstrate that the student has sufficient command over the processes of thinking and writing to meet the professional standards in his chosen field?

Students who fail the mid-semester writing test may be required to take English 99 the following term. Those who pass are obligated, in all their subsequent written work, to write competently. Instructors who find any student who still has difficulty with writing will send the student at once to the Committee on Writing Proficiency for assistance.

PETITIONS

Petition forms are available in the Registrar's Office. These forms should bear a request that is clearly stated, concise, but containing all necessary facts. When the request affects the entire college, such as the waiving of any of the general requirements, the petition should be left with the Registrar's Office for action by the Petitions Committee. When the request pertains only to the requirements of a department or division, the student should take it first to the major adviser concerned, then to his division or department head for signatures, before filing the petition with the Registrar. When the petition concerns only the Registrar's Office (change of name, address, etc.) no signatures are necessary before filing. Students should call at the Registrar's Office to learn decisions of the Petitions Committee.

LEAVE OF ABSENCE AND WITHDRAWAL

A brief leave of absence, not to exceed two weeks, may be issued to a student in good standing, who finds it necessary to miss classes for a short time, but who wishes to retain his status in his classes and to resume his work before the close of the current semester. No excuse for absence will relieve the student from the necessity of completing all the work of each course to the satisfaction of the instructor. Petition forms for leaves of absence may be obtained at the Office of the Registrar. These should be signed by all the student's professors.

Students who withdraw from college by petition on or before the "last day for withdrawing without 'F'" will be granted an honorable dismissal. Those who, at any time, withdraw without giving formal notice will receive "F" grades in all courses. The same rules apply to withdrawal from classes.

PROBATION AND DISMISSAL

Students whose record at Los Angeles State College of Applied Arts and Sciences falls below a "C" automatically go on probation at the end of the semester. While a student is on probation he must maintain a 1.5 grade point average. Students on probation may not enroll for more than 12 units. Students who have been disqualified for scholarship may apply for readmission after elapse of one full semester.

TRANSCRIPT OF RECORD

Each student will be provided, upon request to the Registrar, with one official copy of his college record, without charge. After the first request, a minimum charge of \$1 will be made for each additional transcript of record. Application for a transcript should be made directly to the Registrar, either in person or by a letter bearing the student's signature, well in advance of the time when the record will be needed by the applicant. No transcript will be supplied for college work taken in other institutions. Transcripts in possession of students are considered unofficial.

GRADES AND GRADE POINTS

In the Los Angeles State College of Applied Arts and Sciences, the result of the student's work in each course is reported to the Registrar in one of the following scholarship grades:

A	Excellent	3 grade points
B	Good	2 grade points
C	Average	1 grade point
D	Barely passing	0 grade points
F	Failure	0 grade points
W	Withdrawn	0 grade points
I	Incomplete	0 grade points

The grade "I" is recorded for work of high character but which is incomplete for an acceptable reason. If the work is completed by the close of the next semester in which the course is offered and in which the student is enrolled, the grade is changed to that earned; otherwise, it is automatically changed to an "F".

The grade "W" is used to refer to the dropping of a course by petition before the end of the sixth week of the semester. Unapproved withdrawal from class after the first two weeks of the semester is interpreted as a failure in the course.

Course reports filed by instructors at the end of each semester are final.

Any student who desires to obtain his scholarship grades must deposit with the Registrar, at the end of each semester, a self-addressed stamped envelope for this purpose.

GRADUATION WITH HONORS

To graduate with "Honors" a student must have completed 56 units of course work at Los Angeles State College of Applied Arts and Sciences with a grade point average of 2.40 or better. Graduation with "High Honors" requires 56 units of course work with a grade point average of 2.60 or better.

APPLICATION FOR GRADUATION

An application, provided by the Registrar's Office, must be filed at the beginning the semester during which the applicant expects to complete his required work for a degree. Consult calendar dates for filing such application. All applications for degrees filed after the published dates will incur a fine of \$2.

GENERAL EXPENSES AND FEES

Registration—Regular students (carrying over 5 units)	
Tuition, per semester	\$6.50
Materials and service fee, per semester	7.50
Student Body fee, per semester *	10.00
Total	\$24.00
Registration—Limited students (carrying 5 or less units)	
Tuition, per unit	\$2.50
Materials and service fee, per unit75
Student Body fee, per semester *	1.00
Other Fees or Charges	
Studio lessons (for private instruction)	
Fee, per lesson per student	\$1.00 to \$4.00
Late registration fee	2.00
Change of program	1.00
Transcript of record—after first copy	1.00
Evaluation of records for nonmatriculated students	2.00
Failure to meet administratively required appointment or time limit	2.00
Library books, overdue:	
Hour books—per hour up to cost of book10
Day or week books—per day up to cost of book25
Diploma fee, for graduating seniors	3.00

Auditors pay the same fees as regular students. There is no additional fee for nonresidents.

Upon withdrawal from college, a portion of the tuition and materials and service fees will be refunded provided an application is filed in the Registrar's Office within 21 days after date of applicant's registration. Proportionate refunds of student body fees are made in accordance with the regulations printed on the student body card.

* This is not a California State fee.

GENERAL REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

1950-51*

Social Sciences 12 units

Acceptable choices include:

Economics	Public Administration
Government	Social Anthropology
History	Social Geography
Philosophy	Sociology

Natural Sciences 12 units

Acceptable choices include:

Astronomy	Meteorology
Bacteriology	Paleontology
Biology	Physical Geography
Botany	Physics
Chemistry	Physiology
Entomology	Zoology
Geology	

English 6 units

English composition

Public speaking may be substituted for three units under special conditions.

General Psychology 3 units

Physical Education 2 units

Activity courses

Major (see each department for required courses) 24-60 units

Minor 12 units

Additional courses to complete a total of 120 units
120 units

1951-52

Social Sciences 9 units

Courses must be selected from two or more of the following fields:

Anthropology	Public Administration
Economics	Social Geography
Government	Sociology
History	

Natural Sciences 9 units

At least one course must be selected from a physical science and one from a life science.

Acceptable choices include:

Astronomy	Nature Study
Bacteriology	Paleontology
Botany	Physical Geography
Chemistry	Physics
Entomology	Physiology
Geology	Zoology
Meteorology	

* The 1950-51 plan is for those students who will graduate before September, 1951. Students who plan to complete their work after 1951, see next page for general requirements.

Literature, Philosophy or the Arts	6 units
(Fine and practical arts not to exceed 3 units)	
Health and Physical Education	3 units
Oral and Written Expression	4 units
General Psychology	3 units
Additional general education courses	11 units
Major (see each department for required courses)	24 units
Minor	12 units
(Six units must be in upper division)	
Additional courses to complete a total of 124 units	
	124 units

A minimum of 124* semester units in college courses with an average of "C" or better must be completed. Of these the last 24 units must be taken in residence. Any exception to this requirement must be approved by the Petitions Committee.

Of the 124 units 60 are expected to be earned in the upper division, but in no case will fewer than 40 upper division units meet the requirements for graduation.

Not more than 60 units in any subject field will be accepted for the degree. When the degree is accompanied by a teaching credential, the maximum is 40 units.

Not more than 20 units of lower division work in any one department will be accepted toward the bachelor's degree. See individual departmental requirements for exact number.

A major is a concentration of study in a given subject matter field. A major must include a minimum of 24 units, at least 12 of which must be in the upper division. A minor is a lesser concentration of study in a given field. A minor must include a minimum of 12 units, of which 6 must be in upper division. A "C" average in the major and minor must be maintained. Note that these are minimum requirements and that many of the departments have higher requirements.

A student must complete within four years the major program he has chosen provided the requirements are not changed by the State Code. If the major program is not completed within four years the student must have his program re-evaluated to comply with the new regulations in effect.

The requirements, set by California law, of American history and the Constitution of the United States must be met. This law requires that all graduates have demonstrated an understanding of United States government and history, including American institutions and ideals. The requirement may be satisfied by examination or by approved courses taken at this or other California institutions of higher learning.

While a student can meet the graduation requirements by taking courses exclusively through extended day classes (Education 150 and 250 excepted), he should expect that program to take a longer period of time because fewer courses are offered, or are offered in alternate semesters or years.

MASTER OF ARTS DEGREE

In 1949 the state colleges were authorized to grant the Master's Degree when it is accompanied by a teaching credential. Los Angeles State College of Applied Arts and Sciences has begun preparations to offer the master's degree.

* This requirement takes effect in September, 1951. Until then the present requirement of 120 units obtains. Unless otherwise stated, all subsequent statements of requirements apply to the post-September, 1951 period.

COURSES OF INSTRUCTION

EXPLANATORY NOTE

Course numbers indicate level of work. Courses 1-99 refer to the Los Angeles Junior College; numbers 100 or above are upper division Los Angeles State College of Applied Arts and Sciences courses; courses numbered 200 and above are graduate courses.

In general the letters A-B indicate the first and second semesters of a year course, with the A portion beginning in the fall, unless otherwise noted.

The unit value of the course is indicated by the arabic numeral in parentheses. Usually, but not necessarily, a semester unit corresponds to an hour of lecture, or three hours of laboratory, in addition to the time required for preparation.

Roman numeral I indicates that the course is offered during the fall; II, during spring; I, II indicates course offered in fall is again offered in spring.

The college has the right to withdraw any course listed in the schedule or add other courses thereto. The college may also set enrollment limits for any class.

ANTHROPOLOGY*

*See Sociology and Anthropology.

ART

William E. Daywalt, Ed.D., Associate Professor of Art, Chairman of the Department
Donald Keith Manion, M.A., Associate Professor of Art
Theodore W. Little, M.A., Assistant Professor of Art
Hudson Roysner, M.F.A., Assistant Professor of Art
Thomas Tramel, B.A., Assistant Professor of Art
_____, Assistant Professor of Art
Esther B. Sion, M.F.A., Instructor in Art
Robert V. Kovacic, B.A., Lecturer in Art

The various majors in art are designed for the benefit of the following groups:

Plan I—Art Teachers

A complete schedule of courses is offered to provide art teachers with the necessary background to equip them to teach the various phases of art. Besides the secondary credential, which is offered with a major in the art field, art majors may obtain a special secondary credential in art which qualifies them for art teaching and art supervision at all levels.

Plan II—Applied Arts Majors

Opportunity is provided for commercial artists, commercial designers, industrial designers, illustrators, craftsmen in the various art fields, and others who wish to qualify themselves for professional competence in art. This Plan II may be combined with Plan I to provide both professional competence and the teaching credential.

Plan III—Fine Arts Majors

A complete program in design, painting and illustrating is provided which will prepare the student for professional work in these fields. This plan and/or Plan II, and/or Plan I may be combined so that the student achieves technical competence in his field and also has a teaching credential.

Plan IV—General Cultural Pursuits

The Art Department has many offerings which will provide both the art majors and other majors of the college with the cultural subjects which distinguish a liberal arts college. It is possible to major in this field by concentrating on such subjects as Art History.

*Requirements for the General Secondary Credential
With an Art Major*

Students who expect to complete the requirements for a general secondary credential after September 1, 1951, must satisfy the requirements listed below. Those who will receive the credential before that date should follow the 1949-50 catalog.

Courses required for a secondary teaching art minor are those marked *.

Lower Division (See Los Angeles City College catalog)

Art 1A-B*—Survey	4 units
Art 4A-B*—Drawing	4 units
Art 2A*—Art Structure	2 units
Art 27A*—Handicrafts or Art 35—Ceramics	2 units
Electives Art 15* Lettering (2) is recommended	
Other units needed to meet the requirements for upper division standing (see general requirements)	48 units
	60 units

Upper Division:

Art 101A or B—Art in Modern Life	2 units
Art 102A or B—Crafts or Art 122A—Advanced Ceramics	2 units
Art 103A*—B—Design	4 units
Art 104A*—Advanced Painting	2 units
Art 111A or B—Art History	2 units
Art 134A*—Landscape (Watercolor)	2 units
Art 143A—Interior Design or Art 153A—Costume Design or Art 116A—Theater Design	2 units
Art 164A*—Life Composition	2 units
Education 193A—Methods	2 units
Electives—Art 100*—Art for Elementary Teachers (2), Art 101AB Art in Modern Life (4), or Art 104B Advanced Painting (2) are recommended.	
Other courses required to make the total requirements for the bachelor's degree (see general requirements)	44 units
	64 units

Postgraduate Year:

Graduate courses after receipt of the bachelor's degree to include 6 units in art (see General Secondary Credential requirements, page 62)	30 units
	154 units

*Requirements for the Special Secondary Credential
With an Art Major*

For list of specific course requirements for the Special Secondary Credential in Art see the Chairman of the Art Department.

*Requirements for a Nonteaching Art Major***Lower Division:**

Art Appreciation or History	4 units
Crafts	4 units
Drawing or Painting	4 units
Design	4 units
Electives	4 units
Other units needed to meet the requirements for upper division standing (see General Requirements)	40 units
	60 units

NOTE: Not more than 20 units of lower division art will be accepted toward the degree in the above curriculum.

Upper Division: To be planned with an art adviser and the registrar's office.

Minor Requirements

20 units, at least 10 of which must be in upper division.

COURSES OF INSTRUCTION

100 Art for the Elementary School (2) I, II

Basic skills and understanding that enable the primary and elementary teacher to provide art experiences to children. Teaching confidence and skill provided by working with finger painting, water color painting, calcimine painting, map making, manuscript writing, mural painting, figure drawing, chalk drawing and work in other media. Laboratory and accompanying lectures.

101A-B Art in Modern Life (2-2) A—I, II; B—I, II

An understanding and appreciation of the contribution art makes to life in our democratic culture. Field trips, discussions, study of reproductions and slides.

102A-B Introduction to Craft Materials (2-2) A—I, II; B—I, II

Laboratory and accompanying lectures to provide experiences in designing and construction objects of clay, paper, wire, wood, metal, fabrics, paints and plastics.

103A-B Three-Dimensional Design (2-2) A—I, II; B—I, II

Individual and group experiences in three-dimensional expression. In the first semester emphasis upon designing and making of objects which demonstrate the use of fine design in the immediate environment of each student. In the second semester emphasis upon designing in business.

104A-B Advanced Painting (2-2) A—I, II; B—I, II

Prerequisite: Two semesters each in painting and design. Emphasizes individual planning, growth and fine craftsmanship. Related research in reading. Field trips as needed.

110 Art Appreciation for Teachers (2) I, II

Evaluation of the cultural expressions of this community in terms of the art expressions of other areas and times. Extensive use made of slides, colored reproductions, field trips to local museums, contemporary buildings and world famous private art collections. Field trips to be arranged.

111A-B Art History (2-2) A—I, II; B—I, II

Graphic and plastic arts as they have developed from their earliest beginnings to the present.

Note: Art 111B may be taken before Art 111A.

112A-B Art History (2-2) A—I, II; B—I, II

First Semester: Study of Medieval Art. Second Semester: Study of Renaissance Art. (Formerly 121A-121B.)

113A Introduction to Industrial Arts Design (3) I, II

Basic skills and appreciation in design leading to the development of worthwhile student projects in industrial arts. Lectures, field trips and laboratory. Students will design and originate industrial arts projects which will be carried to conclusion during the laboratory period. Work with the materials of industry.

114 Furniture Design and Construction (3) I, II

Appreciation of good functional furniture design and experiences in designing and constructing furniture. Origination of good methods of teaching furniture design and construction. Lectures, field trips and study of outstanding examples of good furniture design. Students will design and construct furniture. Designed for industrial arts teachers.

116A-B Theatre Design (2-2) A—I, II; B—I, II

Visual relationships involved in both play and dance production. Designing and making models, construction and painting stage scenery. (Formerly 113A-113B).

117A-B Ceramics (2-2) A—I, II; B—I, II

Development of the basic skills necessary to the planning, building and firing of pottery. Students design, build, fire and glaze pottery.

120 Crafts for Elementary School (2) I, II

Basic skills and understandings that enable the primary and elementary teacher to provide crafts experiences to children. Evaluation of educational value of crafts. Teaching skill and confidence aided by working with clay, leather, bookbinding, weaving, block printing, paper enrichment and other craft materials and processes. Laboratory with accompanying lectures.

122A-B Advanced Ceramics (2-2) A—I, II; B—I, II

Prerequisite: Art 102 or Art 120, or with permission of instructor. Throwing, plaster casting, pouring, glazing, and stacking the kiln, for bisque and glaze firing. Lectures and discussions on clay bodies, glaze composition, methods of decoration and the design of ceramic forms.

127AB Crafts (Advanced) (2-2) Year course

Prerequisite: Two semesters in design.

Course to provide the students with a high degree of technical skill in the execution of projects using craft materials and original designs. The completing of the designs into a finished craft product of professional quality. Craft materials such as leather, wood, various papers, metals, and other mediums are used according to the demands of the individual project.

131A-B Oriental Art (2-2) Year course

The ancient graphic and plastic arts of China, Japan, India, and Persia. Evaluation of their contribution to the art expression of the present day.

132A-B Design for Industry (2-2) A—I, II; B—I, II

Prerequisite: One semester in design.

Materials, tools, processes and functional design used in making industrial products.

133A-B Advertising Design (2-2) A—I, II; B—I, II

Prerequisite: Two semesters in design, one semester in drawing.

The elements of visual expression and design related to the technical, psychological and social aspects of advertising.

134A-B Landscape Painting (2-2) A—I, II; B—I, II

Development of water color technique through interpreting landscape scenes.

140A-B Clay Modeling (2-2) A—I, II; B—I, II

Experiences in using clay as an expressive medium. Modeling small objects, slab and coil methods of pottery making, methods of decoration, including slip, glazes and textural effects.

141A-B History of Costume and Furniture (2-2) Year course

Costume and furniture from earliest times to the present day in relation to the functional, technological and social aspects of each period.

143A-B Interior Design (2-2) A—I, II; B—I, II

Prerequisite: Two semesters in design, one semester in drawing.

The elements of visual expression and design in relation to the designing of interiors for industry and residences. Field trips, laboratory with accompanying lectures.

144A Still Life Painting (2) I, II

Prerequisite: Two semesters in design.

Development of technique of rendering through interpreting still life.

First semester: water color. Second semester: oil.

147A-B Textiles and Weaving (2-2) A—I, II; B—I, II

Loom and frame weaving, reading and writing of pattern drafts; design of printed fabrics including the use of silk screen, linoleum blockprints, stencils and dyes. (Formerly 112A-112B).

153A-B Costume Design (2-2) A—I, II; B—I, II

Prerequisite: Two semesters in design, one semester in life drawing.

Design and making of clothing in relation to personality, materials, and processes.

154 Painting for Amateurs (2) I, II

Individual experience and growth in drawing and painting. The use of pastels, water colors, oils or other media in still life and landscape according to the needs of the individual student.

164A-B Life Composition (2-2) A—I, II; B—I, II

No prerequisite.

Encouragement for the student to grow in self-expression. The student will use the human figure in composition. Life compositions will utilize various media and techniques. (Formerly 114A-114B).

175 Costume Design (2) I

No prerequisite.

Course to provide the student with the skills necessary to design costumes for stage, theater, street, and other occasions. The projects will be designed by the individual students and carried out in a manner used by industry. Designing on paper and with materials through the use of half size and full size mannequins. Emphasis in the course is upon worth while and functional design as applied to the materials available to the designer and to industry.

177A-B Metal Smithing and Jewelry (2-2) A—I, II; B—I, II

Prerequisite: Two semesters in design.

Manufacture of jewelry from the student's design. Laboratory with accompanying lectures. (Formerly 132A-132B).

199 Special Studies in Art and Art Education (2-4, 2-4) I, II

Prerequisite: Consent of instructor.

Individual projects in such fields as crafts, design, painting, art history or art education. Each course carries two units per semester. Total of eight units is allowed

and four units may be carried concurrently. (Formerly Art 180, Art 181, Art 182, Art 183, Art 184).

Also of interest to Art majors and Education majors are the following courses:

Education 126—**Industrial Arts for Elementary Schools**
 P. E. 162—**Art for Recreation Teachers**
 Education 193A—**Methods of Teaching Art**

BIOLOGICAL SCIENCE

William L. Lloyd, D.D.S., Assistant Professor of Life Science
 Roland Case Ross, M.S., Lecturer in Life Science
 Additional instructors in biological science are borrowed on part-time from Los Angeles City College

Courses in biological science are designed for two student groups:

Plan I. Those who expect to teach biological science.

Plan II. Those who expect to earn a bachelor's degree in order to prepare for employment in the non-teaching scientific fields.

Major adviser for biological science: Ross

Plan I

Requirements for a General Secondary Credential With a Major in Life Science

Candidates for a General Secondary Credential with a major in Life Science should consult their advisers. This teaching major is two-fold in nature, consisting of a heavier concentration in the life sciences and a lighter concentration in physical or general sciences.

Lower Division:

Major must contain lower division courses in chemistry and physics or general physical science, life science or biology, not to exceed 24 units.

Upper Division:

Major must include one course from each of the upper division fields of botany, nature study, general physical science, and zoology to make up the remainder of the total of 36 units required. Six units of the 36 must be taken in the postgraduate year.

Minor Requirements

The life science teaching minor consists of 20 semester hours in lower and upper division. This minor must include work in chemistry and physics or general physical science, and the biological sciences. At least 6 units must be taken in upper division.

NOTE: For the required professional courses in education for the General Secondary Credential see General Secondary Credential listed under EDUCATION.

Plan II

Requirements for a Nonteaching Major in Biological Science

At the present time a complete major in Biological Science is not available. See your adviser in this field for aid in arranging a program.

Minor Requirements

A minor in Biological Science is available. See your adviser in this field for aid in selecting most valuable courses.

BUSINESS

Floyd R. O. Simpson, Ph.D., Professor of Economics, Chairman of the Department
 Russell L. Chrysler, M.B.A., Associate Professor of Business Administration
 Frank J. Hill, M.B.A., C.P.A., Associate Professor of Business Administration
 Rodney F. Luther, Ph.D., Associate Professor of Business Administration
 Dewitt C. Watson, Ph.D., Associate Professor of Business Administration.
 Maurice Dance, M.A., Assistant Professor of Economics
 George N. Francis, B.A., C.P.A., Assistant Professor of Business Administration
 Sib O. Hansen, B.S., C.P.A., Assistant Professor of Business Administration
 Karl F. Venter, B.S., Assistant Professor of Business Administration
 Frank S. Wilson, B.A., Assistant Professor of Business Administration
 William T. Wilson, Ph.D., Assistant Professor of Business Administration
 William Bright, M.B.A., Instructor in Business Administration
 Bernard L. Hoyt, LL.B., Lecturer in Business Administration
 Irvin Borders, B.S., Lecturer in Business Administration
 William M. Borton, M.B.A., Lecturer in Business Administration
 George O. Pierce, M.B.A., Lecturer in Business Administration
 Edwin Rubin, LL.B., Lecturer in Business Administration

The underlying purpose of the Department of Business is to provide basic and professional training for those students who plan to assume responsible positions in both small and large businesses. In addition, it trains men and women who intend to enter the government service, or pursue a program of study beyond the four undergraduate years. In cooperation with the Department of Education, training is given to those seeking a secondary teaching credential in business education.

The department offers a program leading to a Bachelor of Arts Degree in several fields of concentration. These fields, and the adviser for each, follow:

	<i>Adviser</i>
Accounting.....	Sib O. Hansen
Finance.....	Frank J. Hill
Industrial Management.....	Frank S. Wilson
Industrial Relations and Personnel.....	Karl F. Venter
Marketing.....	Russell L. Chrysler
Executive Secretarial.....	William Bright
Special Business.....	Floyd R. O. Simpson
Business Education.....	William Bright

Advisers in nonmajor fields are:

Courses in business law.....	B. L. Hoyt
Courses in insurance and real estate.....	W. T. Wilson
Courses in labor and statistics.....	M. Dance
Courses in foreign trade and commercial geography.....	D. C. Watson

"Core" Requirements for Business Administration

In order to secure perspective and basic training, all business majors take a "core" of basic courses in the lower and upper division, regardless of field of concentration, as follows:

Lower Division Pre-Business Requirements:

Principles of Economics.....	6 units
Principles of Accounting.....	6 units
Economic Geography.....	3 units
Mathematics of Finance.....	3 units
Business Law (Contracts and Sales).....	3 units

21 units

Proficiency in typing is recommended.

Upper Division Basic Requirements:

Business 103—Corporation Finance	3 units
Business 104—Marketing	3 units
Business 106AB—Business Organization	3 units
Business 108B—Commercial Law	3 units
*Business 109—Statistics	3 units
Economics 103—Money and Banking <i>or</i>	
Economics 102—Labor Economics	3-3 units
One advanced course in Accounting (selected in conference with adviser)	3 units
	<hr/> 21 units

(Business 194—Insurance is recommended as an elective for all business majors.)

* Students who had a course in statistics in the lower division with a grade of C or above, will take Business 190, Applied Business Statistics.

The requirements for each major field are as follows:

1. Accounting

Economics 103—Money and Banking, selected from the basic group	
Business 102—Intermediate Accounting	4 units
Business 120—Advanced Accounting	4 units
Business 121AB—Federal Tax Accounting	4 units
Business 122—Industrial Accounting	2 units
Business 124—Auditing	4 units
Business 125—Corporation Accounting	2 units
	<hr/> 20 units

2. Finance

Economics 103—Money and Banking, selected from the basic group	
Business 130—Credit and Collections	3 units
Business 131—Business Fluctuations	3 units
Business 132—Investments	3 units
Business 133—Public Finance	3 units
Business 134—Budgeting	3 units
Business 180—Law of Negotiable Instruments	2 units
Business 194—Insurance	3 units
	<hr/> 20 units

3. Industrial Management: 25 units including the following:**(a) Production Management:**

Economics 102—Labor Economics, from the basic group	
Business 160—Industrial Management	3 units
Business 161—Production Management	3 units
Business 162—Industrial Equipment and Processes	3 units
Business 163—Motion Economy Analysis	3 units
Business 164—Production Control	3 units
Business 169—Professional Applications of Industrial Management	3 units
Business 171—Management and Leadership	3 units
	<hr/> 21 units

(b) Industrial Sales Management:

Business 142—Salesmanship	3 units
Business 143—Sales Management	3 units
Business 149—Marketing Research Problems	3 units
Business 160—Industrial Management	3 units
Business 162—Industrial Equipment and Processes	3 units
Business 165—Industrial Purchasing	3 units
Business 169—Professional Applications of Industrial Management	3 units
	<hr/>
	21 units

4. Industrial Relations and Personnel Management: 22 units including the following:

Economics 102—Labor Economics, from the basic group	
Business 160—Industrial Management	3 units
Business 161—Production Management	3 units
Business 166—Industrial Accident Control	3 units
Business 169—Professional Applications of Industrial Management	3 units
Business 170—Personnel Management	3 units
Business 171—Management and Leadership	3 units
Business 172—Industrial Relations	3 units
	<hr/>
	21 units

(A minor in Industrial Psychology is highly recommended)

5. Marketing:

(a) Retailing:

Business 130—Credit and Collections	3 units
Business 140—Advertising	3 units
Business 142—Salesmanship	3 units
Business 143—Sales Management	3 units
Business 144—Retail Store Management	3 units
Business 145—Wholesaling	3 units
Business 149—Marketing Research	3 units
	<hr/>
	21 units

(b) Traffic and Transportation:

Business 150—Principles and Practices of Foreign Trade	3 units
Business 151—Commodities of International Commerce	3 units
Business 153—Principles of Inland Transportation	3 units
Business 154—Traffic Management	3 units
Business 194—Insurance Principles	3 units
Business 195—Property and Casualty Insurance	3 units
Geography 121—Geography of Anglo-America	3 units
	<hr/>
	21 units

(c) Foreign Trade and Commerce:

Business 145—Wholesaling	3 unit
Business 130—Credits and Collections	3 unit
Business 150—Principles and Practices of Foreign Trade	3 units
Business 151—Commodities of International Commerce	3 units
Business 152—International Commercial Policies	3 unit
Business 154—Traffic Management	3 unit
Geography 121—Geography of Anglo-America <i>or</i>	
Geography 122—Geography of Latin America <i>or</i>	
Geography 123—Geography of Europe <i>or</i>	
Geography 124—Geography of Asia	3 unit
	—
	21 units

(Government 126—International Law, is highly recommended.)

6. Executive Secretarial

Typing skill of 50 words per minute a prerequisite:

Shorthand skill of 90 words per minute a prerequisite:

Business 101—Business Correspondence	3 units
Business 110—Advanced Secretarial Procedure	3 units
Business 111AB—Applied Secretarial Practice	4 units
Business 112—Business Machines	2 units
Business 113—Office Management	3 units
Business 170—Personnel Management	3 units
Business 182—Preventive Law	3 units
Psychology 130—Psychology of Personality	3 units
	—
	24 units

7. Special Business

Students having special needs and objectives which cannot be covered properly by the other majors may receive permission from the head of the department to take a special program consisting of the basic courses plus at least 27 units in business and relevant fields to be worked out in conference with the chairman and other appropriate faculty members.

Minor Requirements

Twelve units, at least six to be in the same subject in the upper division. The minor should be selected with the counsel of the major adviser and should supplement the student's major interest. The following subjects are highly recommended: Economics, Government or Psychology. Other acceptable minors include: (1) Geography, History, Sociology or Speech; (2) Botany, Chemistry, Geology, Physics or Zoology.

Deficiencies in lower division business requirements: Economics 101 and 102 may be used to remove a deficiency in Principles of Economics. Business Law deficiency may be removed by taking Business 108A. Economic Geography deficiency may be removed by substituting Geography 101. All other deficiencies are removed by registration in Los Angeles City College for the appropriate courses (see a business adviser).

Credit for lower division Terminal Courses: Credit for business courses taken in lower division will be granted toward a major in Business under the following *two* conditions:

1. A maximum of 12 units (including the 6 units of accounting and 3 units of commercial law in the lower division requirements) will be allowed without a proficiency test if a grade of C or better was received.

2. Up to 6 additional units may be allowed to those who received a grade of A or B or by passing a qualifying examination given by the upper division instructor in each course for which upper division exemption is desired (see a business adviser).

Credit so secured in no way reduces the number of upper division business units required for graduation.

*Requirements for a Major in Business Education With a
Special Secondary Credential*

For a list of specific course requirements for the Special Secondary Credential in Business Education see the Chairman of the Division of Business and Economics.

COURSES OF INSTRUCTION

101 Business Correspondence (3) II

Prerequisite: Shorthand and typing.

Training in composition of business letters; tendencies in present-day business correspondence. Problems of management which arise in connection with correspondence. Best practice of the day is studied through letters sent by representative firms in many businesses. Assigned writing includes emphasis on service, adjustment, collection and sales letters. (Formerly Business 195.)

102 Intermediate Accounting (4) I, II

Accounting theory, practice and problems. Topics include: balance sheet, income statement and other financial statements, working papers, valuation of assets, consignments, installment sales, intangible assets, funds, investments, reserves, correction of statements and application of funds. (Formerly Business 159AB and Business 159.)

103 Corporation Finance (3) I, II

Forms of business organization; financial principles and practices involved in the organization, administration, and dissolution of private business corporations; promotion, types of securities, expansion, consolidation and aspects of reorganization. (Formerly Business 139 and Economics 139.)

104 Marketing (3) I, II

Prerequisite: Consent of instructor.

The organization and principal operating aspects of our system for distributing goods and services. Topics covered include retail and wholesale distribution channels, consumer buying characteristics, pricing, marketing of industrial products, and cooperative marketing of agricultural products. (Formerly Business 155.)

106A Business Reports and Business Information Sources (1) I, II

A rapid survey of the sources of business information essential to management and analysis of the sales, accounting, production, finance and general management fields. Includes governmental, business and periodical sources of data. Emphasis is on use of library and research sources and preparation of concise reports to standards expected by businessmen. (Formerly Business 101A.)

106B Business Organization (2) I, II

A survey covering the functional fields of marketing, finance and production. Special emphasis on principles of business organization and management. The concept of unity of purpose of each of the functional fields for the success of the business as a whole is stressed. Lectures, discussion of problems and sample case analyses. (Formerly Business 101B.)

Students will register for 106B at the same time they register for 106A.

108A Commercial Law (3) I, II

Law contract and sales. Business and legal aspects of rights, duties and obligation of contracting parties and of vendor and vendee; formation of contracts and essential elements thereof; performance and breach; methods of enforcement of right and obligations thereunder. (Formerly Law 118A and Business 102A.)

108B Commercial Law (3) I, II

Agency, copartnership, corporations and negotiable instruments; rights, duties and obligations arising out of above relationship and business aspects thereof. Formation, operation, and termination of such relationships; law of commercial paper. (Formerly Law 118B and Business 102B.)

109 Business Statistics (3) I, II

Graphical representation of statistical data; study of statistical methods; measures of central tendency; variation; index numbers, correlation, introduction to sampling theory; application to business problems. (Formerly Business 121 and Economics 140.)

Students who had Statistics in the lower division with a grade of C or better may take Business 190, Applied Business Statistics.

110 Advanced Secretarial Procedures (3) II

Development of secretarial efficiency through studying modern business office procedures, communication problems and office techniques, filing and indexing systems, effective handling of correspondence and the like, to develop secretaries capable of assuming responsibilities and exercising good business judgment. (Formerly Business 172AB.)

111A-B Applied Secretarial Practice (2-2) Year course

Prerequisite: Two years of shorthand and typing.

Stenographic office problems; development of skill in transcription; principles underlying the editing of letters and reports. Emphasis upon skills and knowledges for executive and administrative secretaries.

112 Business Machines (2) II

Lecture 2 hours; laboratory 2 hours.

Study and use of various types of office machines; secretarial use of such equipment. (Formerly Business 100.)

113 Office Organization and Management (3) I

Prerequisite: Business 106A-B or equivalent.

The function of various office departments, their organization and management. Methods used in selecting and training office personnel, office planning layout; selection and care of office supplies and equipment; methods and devices used to improve operating efficiency, types and use of appliances, techniques of performing office duties. (Formerly Business 154.)

120 Advanced Accounting (4) I, II

Prerequisite: Business 102 or consent of instructor.

Advanced accounting problems and theory. Topics include: ventures, insurance, statement of affairs, receivership, branch accounts, banks and stock brokerage accounting, foreign exchange, estate accounting, budgets, public accounts, and analysis of financial statements. (Formerly Business 160 and Business 160A-B.)

121 Federal Tax Accounting (2-2) I, II

Prerequisite: Three semesters of accounting.

The statutes, regulations, administrative rulings and court decisions relative to income and income taxes. The current federal and state revenue acts affecting individuals, partnerships, and corporations. Preparation for tax returns. (Formerly Business 158.)

122 Industrial Accounting (2) I, II

Manufacturing accounting; theory and problems, records, and financial statements; elements of cost; elements of process, specific or job-order, and standard cost accounting. Special emphasis is placed on managerial use of cost data. (Formerly Business 161A.)

123 Cost Accounting (4) I

Prerequisite: One year of accounting and Business 109 or consent of instructor.

Theory and problems of the major types of cost systems in general use; analysis of expenses and costs with emphasis on factory and manufacturing accounting, budgets, estimated costs, joint and by-product costs; inventory records and control, material costs, labor costs, overhead accumulation allocation and distribution; cost reports and control. (Formerly Business 161B.)

124 Auditing (4) II

Prerequisite: Business 120 or consent of instructor.

Principles, techniques and procedures in auditing. Topics include: ethics, fraud, audit working papers, programs, verifying of balance sheet and profit-and-loss statements, audit reports, and the application of audit theory and practice to the records and documents of a typical corporation. (Formerly Business 162.)

125 Corporation Accounting (2) II

Prerequisite: Business 120 or consent of instructor.

Theory and problems. The California Corporation Code. Incorporation requirements affecting accounting procedure, corporate reports, mergers, amalgamations and consolidations, holding companies; principles underlying and preparation of consolidated balance sheets and income statements. CPA examination problems relative to corporations. (Formerly Business 173.)

126 CPA Law Review (2) II

Prerequisite: Senior status and consent of instructor.

Survey of all points of law covered by CPA examination. Topics include: principles of law and cases on contracts, corporations, property, negotiable instruments, partnerships, agency, bailments, insurance, sales, guaranty and suretyship, and receiverships. (Formerly Business 196.)

127 Municipal and Governmental Accounting (3) I

Prerequisite: Business 120 or consent of instructor.

Accounting theory and problems of governmental and institutional units. Topics include: budgeting, tax levies, appropriations, accounting for revenues, expenditures of various funds, their financial statements, and special auditing or accounting problems. (Formerly Business 110.)

128 CPA Auditing and Theory Review (2) I

Prerequisite: 21 units of Accounting and consent of the instructor.

Survey and review of principles, practice, questions and problems in Auditing and Theory of Accounts; practice and review of actual CPA examination questions.

130 Credits and Collections (3) II

Effect of credit upon business; the instruments of credit; organization of credit; factors affecting the quality of a credit risk; credit investigation and analysis; fundamentals, methods and tools of collection. (Formerly Business 126.)

131 Business Fluctuations and Forecasting (3) I, II

Prerequisite: Business 109 and Economics 103.

Analysis of major influences determining general level of business activity; basic fundamentals of our economic system as they relate to future business conditions; effects of international policies of finance and exchange. (Formerly Business 148, Economics 138 and Economics 148.)

132 Investments (3) I, II

Prerequisite: Business 103.

Principles of investments; a survey of corporate securities from the standpoint of the individual investor; basic risks of investment; the investment program of the individual; other investment policies or programs, the principles of investment analysis and how to select bonds and common stock.

133 Public Finance and Taxation (3) I

Prerequisite: Economics 103.

Significance of public finance in a modern state: principles, problems and policies of public expenditure and of local, state and federal taxation; an equitable tax system and its administration; the influence of tax policy on the economic system. (Formerly Business 111.)

134 Budgeting (3) II

Prerequisite: Business 102.

Modern practices and techniques involved in the formulation, enactment and administration of the budget; relation of budget practices to accounting and scientific management in business and government; preparing the budget; sources for estimates; relation of performance to estimates; analysis and reports for budgetary control. (Formerly Business 157.)

135 Banking and Business (3) II

Prerequisite: Economics 103.

Banking from the standpoint of both bankers and businessmen; role of bank credit and banking institutions; the Federal Reserve System and its relationship to business; current developments; public regulation and supervision.

137 Investment Analysis (3) II

Prerequisite: Business 132 and consent of instructor.

Methods of advanced analysis applied to investment securities; analysis of equity and sub-standard senior securities.

140 Principles of Advertising (3) I

What advertising is and what it is used for; its marketing and economic functions; advertising media, copy, layout, research. Printing and production processes; the organization of advertising departments and advertising agencies. (Formerly Business 135.)

141 Advanced Advertising Copy and Layout (3) II

Preparation of advertisements for newspapers, magazines and other printed media; the effective advertising appeals, basic elements of good advertising writing, headlines, slogans, etc. Importance of layouts, their design and preparation. (Formerly Business 140.)

142 Salesmanship (3) I

The development and practical application of sales techniques in selected fields. The work of the salesman, customer relationships, home office relationships, the evaluation of sales opportunities. Prospecting, the sales demonstration, and development of the individual's own sales aptitudes. Includes lectures, discussions, demonstrations and oral participation in sales presentations. (Formerly Business 137.)

143 Sales Management (3) I, II

Prerequisite: Business 104 and Business 106A-B or equivalent.

Activities and organization of the sales department. Methods employed by sales managers in selecting, training, and supervising salesmen; selling methods, materials, and campaigns; distribution channels and territories; pricing, budgets, controls, and sales research. Lectures, cases, discussion, observation and study of actual selling activities and materials through field trips, guest speakers, and exhibits. (Formerly Business 141.)

144 Retail Store Management (3) II

Prerequisite: Business 106A-B and Business 104 or equivalent.

Retailing methods from the standpoint of the owner and manager. Includes the case study of such subjects as buying, planned stocks, inventory control, markup, accounting for stock control, pricing, style merchandising, and advertising. Problems of general management are emphasized, including departmentation, personnel control, supervisory training, store layout and store location. (Formerly Business 188.)

145 Wholesaling (3) I

Prerequisite: Marketing 104.

Economic aspects of wholesaling, its growth and trends, especially since World War II, wholesaling functions in fields of agriculture, consumers goods, industrial goods, etc. Wholesaling as the technique of foreign trade; techniques and methods of order handling, warehousing and stock control, credit management, wholesaling cooperatives and governmental regulations. Wholesale customer relationships.

149 Marketing Research Problems (3) II

Prerequisite: Business 104 and prior or concurrent registration for Business 143.

Practical sales and research problems with field investigations and reports covering application of the scientific method to the solution of actual sales problems. Problem analysis, collection of information from field observation and surveys and from sales records and secondary sources, the analysis and interpretation of data, and the preparation of reports. (Formerly Business 191.)

150 Principles and Practices of Foreign Trade (3) I

Techniques of foreign trade; exchange of goods; tariffs; quotations; packing; shipping. (Formerly Business 163A-B and Economics 195A-B.)

151 Commodities of International Commerce (3) II

The characteristics, uses and distribution of minerals, base and light chemicals, fuels, oils, fibers, manufactured products; the trends in distribution of foodstuffs. (Formerly Business 174.)

152 International Commercial Policies (3) II

The history and theory of foreign trade; tariff policies of the United States and the leading countries of Europe, Asia, and Latin America; trade controls and restrictions other than tariff. (Credit may not be secured for both this course and Economics 106.)

153 Principles of Inland Transportation (3) I

The economic significance of rail, bus, truck and inland waterway transportation. Problems of rate structures, regulation and finance of the transportation systems. Special emphasis on rail transport. (Credit may not be received for both this course and Economics 151.)

154 Traffic Management (3) II

Prerequisite: Business 153.

Principles and practices of industrial traffic management including organization and operation of the traffic department, shipping documents, rate analysis and rate adjustment procedure, routing, tracing, expediting, tariff supervision claims and claim prevention, procedure before regulatory commissions, traffic management in foreign trade, and traffic research. (Formerly Business 152, Traffic and Transportation.)

160 Industrial Management (3) I, II

Prerequisite: Business 106A-B or consent of instructor.

Development and application of scientific management in industry. Factory organization, primary departmentation and its criteria. Problems of middle supervisory levels; authority and accountability; span of control; relationships of staff to line. Concepts of production planning. (Formerly Business 150.)

161 Production Management (3) I, II

Prerequisite: Business 160 or equivalent.

Detailed case studies of the techniques of factory management, including simplification and standardization, classification and symbolization, plant layout, stores control, tool control, equipment control, wage incentives, quality control, safety, labor cost control, and an introduction to the techniques of production control under job shop and mass production assumptions. Concurrent enrollment in Business 169 is recommended for Production Management majors. (Formerly Business 150B.)

162 Industrial Equipment and Processes (3) I

Prerequisite: Business 106A-B or consent of instructor.

The physical aspects of industry, as distinguished from the organizational and managerial aspects. Characteristics of general purpose machine tools and other industrial machinery; processes such as casting, forging, heat treating and welding. Characteristics of important materials of manufacture; the relation of equipment and operation to product. A background in physics and chemistry is helpful but not required. (Formerly Business 142.)

163 Motion Economy Analysis (3) II

Prerequisite: Business 109, Business 160 and Business 162.

Motion economy and elements of quantitative scientific management. Operation analysis, flow process charts, the division of activity into its normal elements. Time study procedures from raw data to final rating. Standardization, rating, and delay and fatigue influences; introduction to methods-time measurement. Written reports of time and motion economy analysis. (Formerly Business 168, Time and Motion Study.)

164 Production and Material Control (3) II

Prerequisites: Business 160 and Business 161 or equivalent.

Production planning and budgeting; development of the production control system, including product development, materials control, plant and equipment analysis, production standards and methods, personnel and supervision; control of production quantity and quality, measurement of production efficiency. (Formerly Business 167.)

165 Industrial Purchasing (3) I

Prerequisite: Business 160 and Business 108A.

Problems of purchasing raw materials, fabricated parts, standard supplies, machinery and industrial equipment. Quality control of purchases, industrial specifications and inspection. Analysis of economic purchase lots; quantitative determination of minimum lots; order points, competitive quotations and purchase contracts. Purchasing procedure, purchasing follow-up, purchase record control. Government purchasing procedures.

166 Industrial Accident Control (3) I

Prerequisite: Business 160 and Business 162 or equivalent.

Theory and practice of the workmen's compensation laws of the State of California. A comprehensive study of the derivation an application of safety orders of the State of California relating to industrial operations. Demonstration, illustration and use of industrial safety devices, with presentations from the viewpoint of the safety engineer. Audio-visual material on industrial injuries.

167 Quality Control (3) II

Prerequisite: Business 109, Business 160, Business 161 and prior or concurrent enrollment in Business 164 or Business 169.

Principles of tolerances and variants. The study of manufacturing errors, their detection and cause and correction. Statistical quality control methods; inspection and testing procedures; field work with related analysis and written reports.

169 Professional Applications of Industrial Management (3) I, II

Prerequisite: Business 160 and Business 162. Enrollment to be concurrent with Business 161 or consent of instructor.

Detailed analysis by field survey and conference methods of selected manufacturing plants. Preparation of analytical reports emphasizing problems of production and their relationship to finance and marketing. The interdependence of all parts of the organization and the need for unified management thinking is stressed. (Formerly Business 189, Organization and Management Problems.)

170 Personnel Management (3) I, II

A critical examination of the principles, methods, and procedures related to the effective utilization of human resources in organizations. Historical development and objectives of personnel management, individual differences, labor budgeting, job analyses, recruitment, selection, placement, training wage and salary administration, hours of work, employee health, management-union relations. (Formerly Business 153.)

171 Management and Leadership (3) II

Prerequisite: Business 170 and Business 160 or consent of the instructor.

Supervisory methods and techniques of management. Psychological aspects of employer-employee relationships. The selection and maintenance of the working force, and adjustment of the worker to the job. Problems of upgrading and supervisory training. Wage and non-wage incentives. Supervisory aspects of grievance procedure. Conference and committee techniques in relation to line management.

172 Industrial Relations (3) II

Prerequisite: Business 160 and Business 170 or consent of instructor.

Relations between employers and employees as the latter are represented by organized labor. Recognition, collective bargaining, labor history and labor law form the basis of the course. Topics covered include wages, hours, working conditions, promotion transfer discharge, safety, employment stabilization, employee security, public and community relations. (Formerly Business 166 and Economics 121.)

180 Law of Negotiable Instruments (2) I, II

First course in the use of checks, notes, and other types of negotiable instruments as they are involved in the fields of banking, finance, collections, accounting, and elsewhere in the business world. Banking regulations concerning checks, liability of parties, etc. (Formerly Law 107 and Business 107.)

181 Law of Real Estate and Property (3) I, II

First course in principles of property ownership and management in their business aspects. Special reference to the law of California as it applies to community property, convenancing, deeds, trust deeds, mortgages, leases, etc. (Formerly Law 103 and Business 103.)

182 Preventive Law (3) I

A new approach to commercial law; study of legal affairs of a businessman from his point of view in order to detect, avoid or minimize risks; avoidance of litigation; warning signs of legal complications.

185 Business and Government (3) I

Prerequisite: Business 106A-B and at least one course in Government.

Presents significant points of contact between business and government, and stresses the necessity for thoroughly understanding everyday relationships with public authority. The antitrust laws, fair trade laws, unfair trade practices, social security plans and influences of taxation on business policy are analyzed. (Formerly Business 147 and Economics 160.)

186 Public Utilities (3) II

Prerequisite: At least one course in Economics numbered above 101.

Development of the need for public utilities, such as electricity, gas, telephone and urban transportation. Brief survey of the legal and other problems involved in regulation, and public ownership. Special emphasis on operating aspects of electric power and other utilities. (Formerly Business 151.)

190 Applied Business Statistics (3) I, II

Prerequisite: Business 109 or equivalent.

Statistical techniques for dealing with and presenting time series, trends, seasonal and cyclical movements and index numbers. Preparation and use of graphic material is emphasized. An introduction to the use of statistics in quality control is also given.

194 Insurance Principles (3) I

Economic and social services of insurance; important principles and practices; survey of typical life, fire, marine, and casualty contracts. (Formerly Business 164.)

195 Property and Casualty Insurance (3) II

Prerequisite: Business 194.

Types of protection available to cover risks to property and to such things as health, accident, robbery, theft, and various types of damages.

196 Real Estate Principles (3) I

Nature of real property; factors affecting real property; values and income; government regulation of real estate practices.

197 Consumer Economics (3) I, II

Functions and responsibilities of consumers; forces behind consumer demand; study of how to buy consumption goods intelligently. (Formerly Business 156 and Economics 184.)

199 Individual Research (1-3) I, II

Prerequisite: Consent of instructor; senior standing and grade-point average of 2.0. Up to three semester units may be arranged in the candidate's major field.

Graduate Courses

Certain courses numbered above 120 may be selected in conference with the chairman for the purposes of earning graduate credit. In addition to the regular class work, such courses will require the student to prepare a paper indicating a more mature approach than that presented by undergraduates.

DRAMA

Clarence K. Sandelin, M.A., Associate Professor of English and Chairman of the Division of Language Arts and Literature

Morris Val Jones, M.A., Assistant Professor of Speech

Grant E. Shepard, M.S., Assistant Professor of Drama

Bentley L. Blunt, M.A., Exchange Lecturer in Drama

H. Kenn Carmichael, Ph.D., Exchange Lecturer in Drama

Karl Westerman, M.A., Exchange Lecturer in Drama

Courses in drama are designed for three student groups:

Plan I: Those who expect to teach drama.

Plan II: Those who plan to engage in professional drama on the stage, screen, television, or in professional careers based on dramatic skills.

Plan III: Those who desire to study drama as a part of their general cultural development, or in preparation for graduate work at the university level.

Major advisers for Plan I: (See Language Arts advisers, Ehrhardt, Greer, Trospen.)

Major advisers for Plan II: Gardemal, Shepard.

Major advisers for Plan III: Gardemal, Shepard.

Senior Survey

All majors in the various language arts must complete a comprehensive and integrative survey and examination during the final semester of their senior year. Since this survey and examination will be based on a reading list appropriate to the student's particular major, a fundamental pattern is established for the student's upper division work. Within the general framework of his own major, the student is encouraged to elect those courses which will be most valuable in covering unfamiliar areas, just as he is left free to avoid courses in those areas where he is already proficient. The ultimate purpose of this program is not to establish a severe academic requirement, but to provide a final summary of the main educational objectives toward which the student has been working throughout his work in the major field.

The survey class will meet for two hours each week during the first 14 weeks of the semester. The examination will be given during the fourteenth week. It will consist of a two-hour essay followed, on the next day, by a two-hour objective test. Students who pass this final comprehensive examination receive two units of credit which counts as a part of the drama major.

Students who are otherwise qualified to graduate, but who fail to earn a grade of "D" or better on the examination, may still receive their B.A. Degree provided this record of failure in two units of work does not reduce their grade point average or total units below the graduation requirements.

Credential candidates must earn a grade of "C" or better on the examination in order to satisfy the major requirement for a credential. Any student who fails to earn a satisfactory grade on the examination may petition to repeat the examination at the next time it is offered. Credential candidates who pass the examination in one of these subsequent attempts will have satisfied that portion of the major requirement.

*Plan I**Requirements for the Teaching Major in Drama*

No teaching major in drama is offered in 1950-51. Students who are interested in a credential major emphasizing drama are advised to consult the Language Arts section of this catalog where a composite teaching major including drama is described.

Requirements for the Teaching Minor in Drama

The teaching minor in drama consists of 20 units, at least 8 of which must be completed in the upper division after the student has reached junior standing. Program must include Drama 168.

*Plan II and Plan III**Requirements for the Professional and Academic Majors in Drama*

Lower Division (See Los Angeles City College Catalog for LACC courses)

Acting Fundamentals (LACC Drama 60AB, or equivalent)	6 units
Theater Survey (LACC Drama 2, or equivalent)	1 unit
Theater Crafts (LACC Drama 80 and 81AB, or equivalent)	6 units
Plays and Evaluation of the Theater (LACC Drama 71, or equivalent)	2 units
Basic Voice Training (LACC Speech 3, or equivalent)	3 units
Freshman Composition (LACC English 1 and 2, or equivalent)	6 units
Additional units to complete requirements (see general requirements)	36 units
	60 units

Upper Division:

Drama 100—History of the Theater	3 units
Drama 101—Advanced Technical Production	3 units
Drama 130—Stage Make-up and Costume	3 units
Drama 160AB—Principles of Stage Direction	6 units
Drama 197—Senior Survey	2 units
From series English 106A through English 106H	2 units
English 118—Advanced Shakespeare	3 units
From English 170 through English 182	6 units
English 185AB—Literary Criticism	4 units
Speech 110—Advanced Public Speaking	3 units
Speech 120—Oral Interpretation	3 units
Additional units to complete upper division requirements (see general requirements)	26 units
	<hr/>
	64 units

Requirements for the Academic Minor in Drama

The academic minor in drama consists of 12 units, at least 6 of which must be completed in the upper division after the student has reached junior standing. Drama 168 is recommended.

COURSES OF INSTRUCTION

Graduate students may enroll in any drama course marked "graduate credit." To enroll for credit in any other undergraduate drama course, however, the graduate student must obtain prior approval from the course instructor and from the division chairman.

100 History of the Theater (3) I

Prerequisite: Completion of the lower division requirements and consent of the instructor.

Dramatic literature from the Greek period to the present. Selected critical readings about the theater and drama.

101 Advanced Technical Production (3) I

Prerequisite: Consent of the instructor.

Advanced shop and staging techniques, including construction and painting of scenery. Students serve on stage crews of college productions.

110 Advanced Acting (2). Offered alternate falls, if demand warrants, starting 1951.

Prerequisite: Consent of instructor.

Intensive study of gesture, movement, timing and pointing; problems of characterization. Attention given to styles of acting. Class will present scenes from plays of various types.

130 Stage Make-up and Costume (3). Offered alternate falls, if demand warrants, starting 1950.

Prerequisite: Consent of instructor.

Individual work in design and execution of wigs, masks, headdresses, and costumes. Students serve on crews for college productions.

132 Stage Design (2). Offered alternate springs, if demand warrants, starting 1950.

Prerequisite: Drama 101.

Lectures on theory and practice of modern scene design. Laboratory work in sketching, model making, and drafting.

134 Stage Lighting (2). Offered alternate springs, if demand warrants, starting 1950.

Prerequisite: Drama 101.

Lectures and practice in design and execution of lighting plots. Problems in lighting design, applied color, special effects. Operation of lights and light controls.

- 160A-B Principles of Stage Direction (3-3)**. Offered each year.
Prerequisite: Drama 101 and consent of instructor.
Lectures and practice in problems of stage direction. Students participate in direction and stage management of college productions. Graduate credit.
- 163 Speech and Dramatic Activities in Elementary Schools (3)**. Offered each semester.
Designed primarily for kindergarten, primary, and elementary teachers. Also valuable to leaders in extracurricular activity. Creative dramatics, puppetry, cutout shadow plays, choral reading, and creative dance. (Formerly Speech 101.)
- 164 Play Production in Secondary Schools (3) I, II**
Designed primarily for General Secondary Credential candidates. Theory and techniques of dramatic production in schools and community theaters. Graduate credit.
- 168 Techniques of Public Performance (3) I**
Prerequisite: 6 units of speech or drama, or consent of instructor.
Theory and techniques of dramatic presentation applied to school assembly programs and practical community projects. Attention given to stage diction, dialect, pantomime, oral interpretation, and applied acting. Graduate credit.
- 196 Special Projects (3) I, II**
Prerequisite: Approval of the sponsoring faculty member.
Responsible participation, under faculty supervision, in activities relating to college drama, pageants, or public service features. Graduate credit.
- 199 Directed Individual Studies (3) I, II**
Readings in connection with an approved program of individual study.
Regular conferences with instructor, and oral or written reports. Offered only when a faculty member is available and approves the student's proposed study program. Limited to seniors. May be taken only once for credit.
Students interested in drama are reminded of the following related courses listed elsewhere in the catalog.
- English 106H—Stage Playwriting (2 or 4)
 - English 124—Interpreting Drama as Literature (3)
 - English 176—Major American Dramatists (2)
 - English 182—Modern Drama (3)
 - English 185AB—Literary Criticism (3-3)
 - English 186A—Tragedy (2)
 - English 186B—Comedy (2)
 - German 105—Lessing's Life and Works (3)
 - German 108—Schiller's Life and Works (3)
 - German 109—Goethe's Life and Works (3)
 - Motion Picture 164—Motion Picture in the School and Community (2)
 - Spanish 131—Spanish Drama Since 1898 (3)
 - Speech 120—Theories and Techniques of Oral Interpretation (3)

ECONOMICS

Floyd R. O. Simpson, Ph.D., Professor of Economics and Chairman of the Department
 Frank J. Hill, M.B.A., C.P.A., Associate Professor of Business Administration
 Leonard G. Mathy, Ph.D., Associate Professor of Economics
 Dewitt C. Watson, Ph.D., Associate Professor of Business Administration
 Maurice Dance, M.A., Assistant Professor of Economics
 John C. Norby, M.A., Assistant Professor of Economics
 William T. Wilson, Ph.D., Assistant Professor of Business Administration

The Department of Economics offers training in the upper two years leading to the degree of bachelor of arts. The economics major is designed for students who wish to:

- a. Enter government service or industry as research workers or economic advisers.

- b. Take graduate work in economics in order to become teachers at the college level, or research workers.
- c. Enter a graduate school of business administration or a law school.
- d. Secure a cultural education by combining economics with a broad scope of elective courses.

The major adviser for economics is Leonard G. Mathy.

Requirements for a Major in Economics

Lower Division:

Principles of Economics	6 units
Economic Geography	3 units
Principles of Accounting	6 units
Statistical Methods	3 units
Philosophy (logic)	3 units
Mathematics	6 units
Other units needed to meet the requirements for upper division standing (see general requirements)	33 units
	60 units

Deficiencies in the above requirements may be removed by taking:

Principles of Economics	Introduction to Economic Analysis (Economics 101) and Money and Banking (Economics 103)*
Principles of Accounting	Business 1 and 2 in Los Angeles City College
Statistical Methods	Economics 104
Philosophy	Philosophy 22 in Los Angeles City College
Mathematics	Mathematics Department, Los Angeles City College
Economic Geography	Geography 101

Upper Division:

Economics 110—Intermediate Economic Analysis <i>or</i>	
Economics 112—Economic Thought	3 units
Economics 103—Money and Banking	3 units*
Economics 102—Labor Economics	3 units
Economics 171—Economic History of U. S. <i>or</i>	
Economics 172—Economic History of Europe	3 units
Economics 133—Public Finance	3 units
Economics 132—Corporation Finance	3 units
Minimum electives in economics to be selected in conference with the adviser	12 units
Two semesters of work in government, psychology, sociology or mathematics to be selected in counsel with the adviser	6 units
Other courses necessary to make the total required for the bachelor's degree (see general requirements)	28 units
	64 units

* Those taking Economics 103 to remove a lower division deficiency will also take Economics 130 (Monetary Management and the Economy).

Minor Requirements

Twelve units, at least six of which must be in the same subject in the upper division. Recommended areas are business, history, mathematics, government, psychology, or sociology. Other minors are acceptable upon approval of the adviser.

COURSES OF INSTRUCTION

All courses below, except Economics 101, have a principles of economics course (or Economics 101) as a minimum prerequisite.

100 Economics of Industry (3) I

Technical factors, costs and marketing aspects of leading American industries

101 Introduction to Economic Analysis (3) I, II

An introduction to economic analysis primarily for those who did not have a one-year principles of economics course in the lower division; others by permission. (Formerly Economics 100.)

102 Labor Economics (3) I

The use of labor resources in the economic system. Employment, wage rates, the development of unions and collective bargaining, and labor legislation are among the topics treated. (Formerly Economics 150.)

103 Money and Banking (3) I, II

The nature of money, how it is supplied to the economic system, the functions of banks, and the relation between money, credit and the general price level. (Formerly Economics 135.)

104 Statistical Methods (3) I, II

Methods of statistical analysis as applied to economic and business problems. Topics covered will include: Graphical techniques, measures of central tendency, dispersion, correlation, index numbers and sampling. (Formerly Economics 140.)

Credit may not be secured for both Economics 104 and Business 109.

105 Economics and Regulation of Public Utilities (3) I

Prerequisite: At least one course in economics numbered above 100, or consent of the instructor.

The basis upon which government interferes in the operation of a privately owned business, especially as to price determination. The legal and economic problems encountered in regulating services and prices in such industries as electricity, gas, urban transportation and telephones are given special attention.

Credit may not be secured for both Economics 105 and Business 186.

106 Principles of International Trade (3) I

The economic basis and mechanism of international commercial relations. Government policies on the matter of such things as tariffs, exchange controls, subsidies, etc., will be considered. (Formerly Economics 195A and Business 163A.)

Credit may not be secured for both Economics 106 and Business 152.

110 Intermediate Economic Analysis (3) I

Basic economic problems and the way the private enterprise system operates to deal with them. Special emphasis on the firm as it fits into the economic order; costs and prices. (Formerly Economics 105 and Business 171.)

111 National Income Analysis (3) II

Prerequisite: Economics 104 and Economics 110.

Statistical survey of the national income; the operation of the system as a whole as it relates to employment and utilization of resources.

112 Development of Economic Thought (3) II

The evolution of ideas which man has developed over the years to analyze and deal with economic problems. (Formerly Economics 103.)

120 Labor Relations and Labor Legislation (3) II

Prerequisite: Economics 102.

Problems arising between management and labor, with special emphasis upon collective bargaining techniques and economic implications. Legislation to protect the public interest, labor and management is also discussed. Emphasis upon case studies. (Formerly Economics 121 and Business 166.)

130 Monetary Management and Economic Activity (3) II

Prerequisite: Economics 103.

An advanced approach to the functioning of the money system. Emphasis upon the policies of the U. S. Treasury, the Federal Reserve Banks, and other factors influencing and determining the flow of funds.

132 Corporation Finance (3) I, II

Forms of business organization; financial plan; promotion types of securities; consolidations and reorganizations. (Formerly Economics 139 and Business 139.)

Credit may not be secured for both Economics 132 and Business 103.

133 Public Finance (3) I

Prerequisite: Economics 103 recommended.

A survey of the expenditures of governments, the methods of securing funds, and the impact of these activities upon the economic functions of society.

Credit may not be secured for both Economics 133 and Business 133.

135 Economic Fluctuations (3) II

Prerequisite: Economics 103.

Variations in business activity and the national income. The various theories which have been advanced to account for these variations are surveyed, and proposals for reducing fluctuations are analyzed. (Formerly Economics 148 and Business 148.)

Credit may not be secured for both Economics 135 and Business 131.

150 Government, Business and the Economy (3) II

The type of action taken by government in dealing with lack of competition and unfair trade practices in business, and its economic implications. (Formerly Economics 160.)

Credit may not be secured for both Economics 150 and Business 185.

151 Economics of Transportation (3) I

The economic significance of rail, bus, truck and inland waterway transportation. Problems of rate structures, regulation and finance of the transportation systems. Special emphasis on rail transport.

Credit may not be secured for both Economics 151 and Business 153.

171 Economic History of the United States (3) I, II (See History 175)

Historical survey of American economic development to the present, particularly industrialization and national legislation in the fields of industry and commerce (Formerly Economics 178 and History 178.)

Credit may not be secured for both History 175 and Economics 171.

172 Economic History of Europe (3) I (See History 148)

Examination of the economic development of Europe in modern times, with special attention to the Industrial Revolution and its effects.

Credit may not be secured for both History 148 and Economics 172.

180 Comparative Economic Systems (3) I

Problems with which all societies must deal in the economic aspects of life. A survey of different systems which man has currently developed or proposed to deal with economic problems.

184 Economics of Consumption (3) I, II

The development of consumption standards; the relation of the consumer to the price system; governmental and private efforts in the consumers' behalf.

Credit may not be secured for both Economics 184 and Business 197.

190 Current Economic Problems (2) II

Prerequisite: At least one course in Economics numbered above 100.

An analysis of significant problems of the day such as agricultural price supports, the international dollar shortage, the industrial-labor monopoly situation, and problems which arise during the semester. (Formerly Economics 177.)

199 Economic Research (1 to 3)

Projects to be worked out with a major advisor.

EDUCATION

Fred M. Tonge, Ed.D., Professor of Education and Chairman of the Department

A. LeRoy Bishop, Ed.D., Professor of Education

William Gellerman, Ph.D., Professor of Education

John A. Morton, Ed.D., Professor of Education

Gerald Prindiville, Ed.D., Professor of Education

Joseph W. Stanley, Ph.D., Professor of Education

A. Helen Kennedy, Ph.D., Associate Professor of Education

Yale E. Lorden, Ph.D., Associate Professor of Education

George H. McClellan, Ph.D., Associate Professor of Education

Donald Mortenson, Ed.D., Associate Professor of Education

Leslie W. Nelson, Ph.D., Associate Professor of Education

Delmar Oviatt, Ed.D., Associate Professor of Education

Dorothy R. Peckham, Ed.D., Associate Professor of Education

Ebba M. Aronson, M.A., Assistant Professor of Education

Eugene Benedetti, Ed.D., Assistant Professor of Education

Florence M. Bonhard, Ph.D., Assistant Professor of Foreign Language

Marian Evans, M.A., Assistant Professor of Education

John E. Firman, M.S., Assistant Professor of Education

Rita M. Hanson, Ed.D., Assistant Professor of Education

Elizabeth B. Hone, M.A., Assistant Professor of Education

Grace V. Morgan, M.A., Assistant Professor of Education

William Nutting, Ed.D., Assistant Professor of Education

Delwyn G. Schubert, Ph.D., Assistant Professor of Education

Carol J. Smallenburg, Ed.D., Assistant Professor of Education

Cecil C. Stewart, Ed.D., Assistant Professor of Education

James C. Williamson, M.S., Assistant Professor of Education

Mabel M. Wilson, B.S., Instructor in Education

Marie Young Martin, M.S., Lecturer in Education

Los Angeles State College of Applied Arts and Sciences accepts as one of its major responsibilities the establishment and continuous development of a program of teacher education. This responsibility is particularly important in the light of the fact that there is a constant demand for well qualified young people to enter the teaching profession in the Los Angeles Metropolitan Area and throughout Southern California. Moreover, the serious undersupply of properly qualified elementary teachers both in California and throughout the Nation adds to the college's responsibility in this field of professional education.

The various requirements of the Department of Education are expressed not with respect to majors, but credentials. This is because concentration in the subject field of education normally is pointed toward the securing of a teaching credential. A given credential may, however, have the requirements of a major and a minor.

Upper division status is a prerequisite for all courses in Education.

On the pages which follow the curricula and requirements for the following credentials are given:

Kindergarten-Primary Credential. This credential authorizes the holder to teach in any kindergarten and in grades one, two and three of any elementary school of the State.

General Elementary Credential. This credential authorizes the holder to teach any and all subjects in all grades of an elementary school and in any kindergarten in the State. Certain counties will not accept the general elementary credential as valid for teaching in the kindergartens in those counties.

General Secondary Credential. This credential authorizes the holder to teach any and all subjects (with the exception of certain classes organized under the provisions of the federal and state vocational education acts) in all grades of any junior

college, senior high school, four-year high school, junior high school, and the seventh and eighth grades of any elementary school in the State.

Special Secondary Credential. This credential, as offered at Los Angeles State College, authorizes the holder to teach one of the following fields in elementary and secondary schools: Art, business education, music, and physical education. Students who desire to work for one of these special secondary credentials will discuss the credential program with the chairman of the department for which the credential is given.

Other Credentials Offered. The Education Department offers work leading toward the following special types of credentials: School psychologist credential, school psychometrist credential, special secondary credential for teaching the mentally retarded, special secondary credential for teaching the deaf, special secondary credential for teaching the blind, special secondary credential for teaching lip reading to the hard-of-hearing child, and special secondary credential in the correction of speech defects.

Students who are interested in securing one of these credentials should discuss the credential curriculum and general requirements with one of the faculty members who has been designated as advisers for that particular credential. These advisers will be designated before registration.

Requirements for Additional Credentials

By proper choice of his courses and by following closely one of the curriculum patterns outlined, a student will be able to secure the degree and a teaching credential, other than the general secondary or administration and supervision credentials, within a period of four academic years or the equivalent. A minimum of 120 (124, September, 1951) semester units of work is required in each of the kindergarten-primary, elementary and special secondary patterns. A student who wishes to secure more than one of the elementary, kindergarten-primary or special secondary credentials will be required to complete a minimum of 12 additional semester units, including the required courses, for each additional credential sought. Thus, a candidate who wishes to secure two teaching credentials will be held for a minimum of 132 semester units; for three credentials a minimum of 144 semester units is required.

Directed Teaching

Directed teaching is one of the most important aspects of the program of teacher education. It provides prospective teachers with an opportunity in actual school and classroom situations to:

1. Use the principles, methods, and philosophy which they have developed in professional courses in education.
2. Receive preservice experience in organizing and directing classroom activities.
3. Experience keeping school records of all kinds.
4. Experience and participate in school and district administrative and teacher organization meetings.
5. Participate in school community activities.
6. Experience studying children under supervision.

The work of directed teaching is first begun during the time that students carry on observation and participation in Education 101A-B or Education 170.

When students enter Education 150 or 250 (directed teaching) they are gradually given classroom responsibilities. After a week or two of assisting in routine matters, a portion of the day, generally 20 to 30 minutes at first, is made their responsibility. At frequent intervals throughout the semester, this responsibility is increased until at the end of the term they are carrying a minimum load of a full half-day of teaching.

Directed teaching is provided in the elementary and secondary schools of Los Angeles City and Los Angeles County for credential candidates of this college.

Because of the importance of directed teaching, admission to this phase of the teacher education program is one of the crucial points in the selection of future teachers. For that reason the Los Angeles State College of Applied Arts and Sciences

has developed a careful screening and selection program through which all students who wish to do directed teaching must pass.

A Directed Teaching Committee, appointed by the president of the college, is responsible for developing and revising the screening and selection program. This committee also has the responsibility of passing on all applications for directed teaching. To be assigned to directed teaching all students must meet the following criteria:

1. A satisfactory record in the health examination.
2. An over-all grade-point average of 1.0 for the elementary credential and a 1.5 for the secondary credential.
3. A grade of C or better in all education courses. Any education course with a grade below a C must be repeated (or an approved substitute course taken).
4. All elementary credential candidates must pass the fundamentals examination with a satisfactory score.
5. All elementary credential candidates must pass a speech test with a satisfactory performance.
6. Completion of a semester of work on campus with a minimum of 12 units.
7. All candidates for elementary credentials must complete at least two semesters of observation and participation (Education 101A-B) under the direction of this college. All candidates for the special secondary credentials and the general secondary credential must complete at least one semester of observation and curriculum in secondary levels (Education 170) under the direction of this college.
8. Ratings on the personal rating sheets must be satisfactory to the screening committee. (The personal rating sheets are given to all students' instructors during the semester immediately preceding their directed teaching. These sheets call for an evaluation of a student's personal qualities and academic ability.)
9. Completion of the course prerequisites for Education 150 or Education 250, as listed with the course descriptions under Education below.
10. Candidates who fall below the 25th percentile of the national college norms of a generally recognized intelligence test must demonstrate compensating strength in other qualities.
11. The candidate shall demonstrate suitable aptitude and fitness for teaching and for adjustment to public school conditions. This factor may be determined by tests, interviews and personnel studies evaluated by committee action.
12. The candidate shall demonstrate personality and character traits in keeping with the standards of the profession. Specific attention shall be directed to physical appearance, poise, dress, vitality, social attitude, cooperativeness, temperament, and integrity.
13. The candidate shall demonstrate diverse and well-balanced interests. He should be able to understand and interpret his major interest and field of study in suitable relationship to all others.

If a student meets all the criteria 1 through 13 above, he will be approved by the committee. Should he fail in any one of those criteria, the committee reserves the right to refuse him admission to directed teaching. The committee also reserves the right to call in any student for a personal conference prior to final approval for directed teaching.

Ordinarily, all candidates for the general elementary credential or the special secondary credentials will do their directed teaching in the last semester of their senior year. All candidates for the general secondary credential will do their directed teaching in their graduate year.

Due to the amount of time and work required of students in directed teaching, they will not be allowed to carry more than 12 units of work in the semester in which they do their directed teaching. It is therefore recommended that all students who plan to get either the general elementary or a special secondary credential, carry a minimum of 16 units during the three semesters immediately preceding their

directed teaching or that they plan to attend at least one summer prior to doing directed teaching.

All students who expect to do Directed Teaching must fill out an application for that activity at the start of the preceding semester. These applications are available in the Department of Education.

Requirements for the Kindergarten-Primary Credential

The requirements listed below must be met by all students in state college who expect to obtain the kindergarten-primary credential.

Lower Division:

See general requirements for graduation.

Upper Division:

- (1) A major in education composed of the following *required* courses:

Education 101AB—Observation and Participation.....	2 units
Education 102—Growth and Development.....	2 units
Education 105B—Early Childhood Education.....	2 units
Education 111KP—Methods in Kindergarten-Primary Education.....	2 units
Education 147—Audio-Visual Aids.....	2 units
Education 149—Teacher in the Community.....	2 units
Education 150—Directed Teaching.....	8 units
Education 155—Principles of Kindergarten-Primary Education.....	2 units
Psychology 108—Mental Hygiene.....	2 units

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24 units

- (2) A minor composed of the following required and elective courses:

Required:

Art 100—Art for Elementary Teachers.....	2 units
Art 120—Crafts for Elementary Teachers.....	2 units
English 128—Interpreting Children's Literature.....	3 units
Geography 101—Survey of the Modern World.....	3 units
Music 126—Kindergarten-Primary Music.....	2 units
Physical Education 120—P.E. in Elementary Schools.....	3 units
Electives: Select two courses from the following:	
Education 109—Tests, Measurements and Evaluation.....	2 units
Education 125—Educational Sociology.....	3 units
Education 126—Industrial Arts for Teachers.....	3 units
Geography 109—Geography of the Pacific Area.....	3 units
Geography 121—Geography of Anglo-America.....	3 units
Geography 122—Geography of Latin America.....	3 units
History 188—California.....	3 units
History 190—The Pacific Area.....	3 units
Chemistry 110—Physical Science Survey.....	3 units
Nature Study 118—Everyday Nature.....	3 units
Nature Study 120—Nature in California.....	3 units
Drama 163—Speech and Dramatic Activities in Elementary Schools.....	3 units

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19-20 units

- (3) Additional electives to make a total of 124 units for graduation (After September 1, 1951). These electives should be selected with the aid of kindergarten-primary advisers.
- (4) Demonstration of adequate proficiency in the subjects required by law (California Education Code, Section 12130) and evidence of adequate preparation for teaching the statutory elementary school subjects. Evidence of proficiency will be interpreted as consisting of satisfactory scores on standardized achievement and/or aptitude tests administered at the college, or official transcripts of school study showing satisfactory completion of courses in the designated subjects. Students with scores below accepted standards may be required to take remedial classes without credit.

Requirements for the General Elementary Credential

The requirements listed below must be met by all students in state college who expect to obtain the general elementary credential.

Lower Division:

See general requirements for graduation.

Upper Division:

- (1) A major in education composed of the following *required* courses:
- | | |
|--|----------|
| Education 101AB—Observation and Participation | 2 units |
| Education 102—Growth and Development | 2 units |
| Education 106—Principles of Elementary Education | 2 units |
| Education 110—Educational Psychology | 3 units |
| Education 111A—Teaching Mathematics in Elementary Schools | 1 unit |
| Education 111B—Teaching Social Studies in Elementary Schools | 1 unit |
| Education 111C—Teaching Language Arts in Elementary Schools | 2 units |
| Education 111D—Teaching Science in Elementary Schools | 1 unit |
| Education 147—Audio-Visual Aids | 2 units |
| Education 150—Directed Teaching | 8 units |
| | 24 units |
- (2) A minor composed of the following *required* and elective courses:
- Required:
- | | |
|---|---------|
| Art 100—Art for Elementary Teachers | 2 units |
| Art 120—Crafts for Elementary Teachers | 2 units |
| English 128—Interpreting Children's Literature | 3 units |
| Geography 101—Survey of the Modern World | 3 units |
| Music 103—Elementary School Music | 3 units |
| Physical Education 120—P.E. in Elementary Schools | 3 units |
- Electives: Select one course from the following:
- | | |
|---|----------|
| Geography 109—Geography of the Pacific Area | 3 units |
| Geography 121—Geography of Anglo-America | 3 units |
| Geography 122—Geography of Latin America | 3 units |
| History 162A or B Latin America | 3 units |
| History 188—California | 3 units |
| History 190—The Pacific Area | 3 units |
| Chemistry 110—Physical Science Survey | 3 units |
| Nature Study 118—Everyday Nature | 3 units |
| | 19 units |
- (3) Additional electives to make 124 units for graduation (after September 1, 1951). The students should consult the general elementary credential advisers as to the electives which will better prepare them for teaching. The electives listed below are suggested as being valuable for general elementary credential candidates.
- | | |
|--|---------|
| Education 107—History of Education | 3 units |
| Education 109—Tests, Measurements and Evaluation | 2 units |
| Education 125—Educational Sociology | 3 units |
| Education 126—Industrial Arts for Teachers | 3 units |
| Education 149—Teacher in the Community | 2 units |
| Nature Study 120—Nature Study | 3 units |
| Drama 163—Speech and Dramatic Activities in Elementary Schools | 3 units |
- (4) Demonstration of adequate proficiency in the subjects required by law (California Education Code, Section 12130) and evidence of adequate preparation for teaching the statutory elementary school subjects. Evidence of proficiency will be interpreted as consisting of satisfactory scores on standardized achievement and/or aptitude tests administered at the college, or official transcripts of school study showing satisfactory completion of courses in the designated subjects. Students with scores below

accepted standards may be required to take remedial classes without credit.

Requirements for the General Secondary Credential

The requirements listed below must be met by all students in state college who expect to obtain the general secondary credential.

1. Completion of a bachelor's degree from an accredited college or university with an undergraduate grade point average of at least 1.5.
2. Completion of the United States Constitution requirement either through course or examination.
3. Completion of a minimum of 30 units of upper division and graduate courses after receipt of the bachelor's degree, including six units in education and six units in subject fields commonly taught in junior and senior high school.
4. Completion of an approved teaching major and of an approved teaching minor. Major and minors in the teaching fields shall be selected from subject fields listed below (additional major and minors may, from time to time, be added by the Commission on Credentials).

Social Studies

Life Sciences and General Science

Physical Science and General Science

English

Speech

Language Arts

Foreign Language

Mathematics

Health Education

Special Fields: Teaching majors and minors are also available in the following special fields: Art, business education, physical education, home-making, industrial arts, librarianship, music and speech arts.

5. Completion of 27 hours of professional work in education, as follows:

* Education 102—Growth and Development	2 units
Education 107—History and Philosophy of Education	3 units
Education 109—Tests, Measurements and Evaluation	2 units
Education 110—Educational Psychology	3 units
Education 130—Counseling and Guidance in the High School Program	2 units
Education 147—Audio-Visual Methods	2 units
Education 170—Principles, Curriculum and Observation in Secondary Education	3 units
Education 193—Methods in the Major Subject	2 units
Education 250—Directed Teaching in Secondary Schools	6 units
Psychology 108—Mental Hygiene	2 units
	<hr/>
	27 units

* Psychology 113 Psychology of Adolescence (3 units) may be substituted for Education 102.

The education course requirements above apply to those who will not complete credential requirements prior to September 1, 1951. All students who are now enrolled in the general secondary credential program and can complete the program prior to September 1, 1951, will continue with their current programs.

Sequence of Courses: It is recommended that the education courses for the general secondary credential be taken in the following order insofar as possible. Those entering the general secondary credential program in their junior year should take Education 102, Education 107, and Education 109 *or* Psychology 108 during the junior year. During the senior year they should enroll in Education 110, Education 170, Education 193, and Education 109 *or* Psychology 108, whichever course was not taken during the junior year. Directed teaching (Education 250) will extend over both semesters of the graduate year. Education 130 and Education 147 may be taken

concurrently with directed teaching. Those entering the general secondary credential program as graduate students will arrange their sequence of courses under the guidance of a general secondary credential counselor.

COURSES OF INSTRUCTION

Prerequisite: Upper division standing is required for all education courses.

101A-B Observation and Participation (1-1) I, II

Two semesters of field experience in public elementary schools as preliminary work for directed teaching. Time requirement: One hour every week for group conferences, two hours every week in classroom observation and participation. Students must schedule their other classes so that the two hours of observation and participation can be obtained between 9 and 12, or between 1 and 3. Observation in the primary grades must be scheduled during the 9 to 12 period.

102 Growth and Development (2) I, II

Prerequisite: Psychology 21 or consent of instructor.

A study of the child from 6 to 18 with emphasis in physical, motor, social, intellectual and emotional growth and development and the inter-relatedness of these factors. Observation of children in their work and play is stressed. (Credit will not be given for both this course and Psychology 112.)

105A Early Childhood Education (Pre-School) (2) I, II

Prerequisite: Education 102.

Techniques used by teacher and parent in guiding the physical, intellectual, social and emotional development of the child during nursery school years.

105B Early Childhood Education (2) I, II

Prerequisite: Education 102.

Methods required for the kindergarten-primary credential. Practical applications of modern educational theory in the primary grades. Special emphasis upon educational activities in kindergarten and the first three grades with practical recognition of the strategic importance of this period of child experience.

106 Principles of Elementary Education (2) I, II

Required for the general elementary credential. An overview of the principles underlying the objectives, procedures, operations and trends of the modern elementary school and its functions as a social agency in the community. Such important aspects as the principles of learning, guidance, evaluation, curriculum construction, and community relations will be considered.

107 History and Philosophy of Education (3) I, II

A survey of the historical and philosophical foundation of modern education. Considerable attention to the contributions of recent and contemporary outstanding American educational philosophers.

109 Tests, Measurements and Evaluation (2) I, II

The construction and use of teacher-made objective examinations; selection and interpretation of standardized tests; elementary statistical techniques; practical approaches to evaluation of the outcomes of instruction.

110 Educational Psychology (3) I, II

Prerequisite: General Psychology or Psychology 21.

Principles of psychology applied to learning process. Native capacities, individual differences, heredity, and environment. Kinds, theories, and laws of learning. Measurement of mental maturity, achievement and diagnosis of difficulties.

111 Instruction in Teaching in the Elementary Schools

Prerequisites: Education 101A, Education 102 *or* Education 110, and Education 106.

Four courses concerning teaching in the elementary schools are offered for a total of five units. All are required for a degree in elementary education or an elementary credential to be obtained through this institution. These courses are usually taken during the first term of the senior year. A laboratory situation is arranged in which the problems, techniques, and inter-relationships of each of the major content areas are identified, examined, utilized and evaluated in light of professional prerequisites. There is careful consideration of the quality and quantity of texts, references, and supplementary materials that are appropriate for the elementary grade.

111A Instruction in the Teaching of Mathematics in Elementary Schools (1) I, II**111B Instruction in the Teaching of Social Studies in Elementary Schools (1) I, II****111C Instruction in the Teaching of Language Arts in Elementary Schools (2) I, II****111D Instruction in the Teaching of Science in Elementary Schools (1) I, II****111KP Kindergarten-Primary Methods (2) I, II**

A practical methods course which includes the study of purposes, curriculum, organization, lesson planning, teaching methods, equipment, materials, and records suitable for the 5-6-7 and 8-year old child. A part of the work of the course will be observation of teaching methods on this level.

112 Aural Training (2) I, II

Prerequisite: Education 153B or Speech 210.

Principles and methods of training residual hearing; use of amplifying devices; demonstration and practice; preparation of supplementary graded material.

113 Speech Reading (Lip Reading) (2) I, II

Survey of principal methods of teaching speech reading. Development and practice of foundation exercises, presentation of typical lesson plans on children's level, and collection of source materials for student teaching.

114A-B Teaching Speech to the Deaf (2-2) I, II

Principles and methods of eliciting meaningful speech from deaf children using tactile, auditory and visual senses. Lecture and demonstration.

115A-B Special Methods of Teaching the Deaf (2-2) I, II

Principles and methods of teaching language to deaf children. Acquisition of language through daily activities is emphasized. Lecture and demonstration.

116 Techniques of Extended Day Care (2) I, II

Observation and principles of meeting the needs of extended day care centers.

117 Personality of the Teacher (2) I, II

Study of the techniques and methods of developing the social skills; outline of personality traits desirable in the well-adjusted teacher; evaluation of personality tests, and discussion of dress and grooming for the professional woman.

125 Educational Sociology (2) I, II

A study of the relation of the school and the education system to the community. The role of the teacher in a democratic society. The social responsibility of the school.

126 Industrial Arts for Elementary Schools (2) I, II

Organizing and developing curricula which utilize construction experiences that meet the needs and interests of children. Laboratory and accompanying lectures in which construction projects are developed. Experience in making materials used in dramatic play.

130 Counseling and Guidance in the High School Program (2) I, II

Prerequisite: Education 109, Education 110 or equivalent.

Counseling and guidance in the secondary school. A course for those intending to do special work in this field and for administrators and others who wish a picture of the personnel program in one course. Topics included: Philosophy of the work, personnel and their functions, special work of the counselor, administration and development of the program.

131 Educational Statistics (3) I, II

A functional treatment of descriptive statistics, graphical representation of data; measures of relative position, central tendency and variation; correlation; the normal distribution, introduction of sampling theory. Applications to problems in education and psychology.

135 Diagnosis and Remedial Reading Procedures (3)

The causes and nature of reading difficulties and the procedures for diagnosis and remedial treatment. (Formerly Education 135, 136A and 136B.)

137 Reading Clinic (2) I, II

Prerequisite: Education 135, Education 136A-B or consent of instructor.

A situation designed to provide advanced students with practical experience in the use of diagnostic equipment and special reading techniques.

147 Audio-Visual Methods (2) I, II

Designed to acquaint teachers with theories and methods of visual instruction and to furnish experience in the utilization of audio-visual aids.

149 The Teacher and the Community (2) I, II

Principles in the development of harmonious teacher-community relationships, and the teacher as a community leader.

150A Directed Teaching—Kindergarten-Primary Level (8) I, II

Prerequisites: Education 101A-B, Education 102, Education 105A or Education 105B, Education 111KP, and Education 155.

See detailed section on directed teaching for description of other prerequisites for directed teaching and for discussion of the importance of directed teaching in the teacher education program.

150B Directed Teaching—Elementary Level (8) I, II

Prerequisites: Education 101A-B, Education 102, Education 106, Education 110, and Education 111A-B-C-D.

See detailed section on directed teaching for description of other prerequisites for directed teaching and for discussion of the importance of directed teaching in the teacher education program.

153A Audiometric Testing and Hearing Conversation (3) I, II

The course includes basic principles of sound and the physiology of the ear necessary to an understanding of hearing. Instruction and practice will be given in the administering of hearing tests with major emphasis on the use of frequency audiometers and the making of audiograms.

153B Audiology (3) I, II

This course is designed to develop a concept of hearing and an understanding of the problems of the aural deviate. Consideration will be given to California state laws and procedures relating to the identification and education of the aural deviate and to the establishment of clinics and special instructional programs.

154A Physiology and Hygiene of the Eye (2) I, II

The study of the anatomy of the eye and eye hygiene; common eye diseases and defects; vision testing. Integration of medical and educational services. Visits to eye clinics required.

154B Organization of Classes for the Visually Handicapped (2) I, II

Prerequisite: Consent of instructor.

Attention will be given to problems of sight conservation in the school, organization and administration of sight-saving classes, adjustment of environment including lighting, standards, equipment, and integration of classes with the general school program.

154C Materials and Methods for Partially Sighted (2) I, II

Prerequisite: Consent of instructor.

Teaching techniques and curriculum modifications and materials will be fully discussed.

155 Principles of Kindergarten-Primary Education (2) I, II

An overview of the public school system and the principles underlying the objectives, procedures, operations, and trends of the modern elementary school with special emphasis on how they operate in the nursery school and kindergarten and primary grades. A study is made of the school's function as a social agency in the community and of its relation to local, State and Federal Government.

156 Remedial Reading on the College Level (1) I, II

This course is designed to aid the college student who needs to increase his facility with reading. Specific course of study and requirements will depend upon diagnosis of causative factors and needs. Admission is generally based upon survey test results, and/or the instructor's approval.

159 Techniques of Counseling (2) I, II

Prerequisite: Education 130 or equivalent.

An advanced course in counseling and guidance.

163 Organization and Direction of Extracurricular Activities (2) I, II

An analysis of basic principles, procedures and methods in the organization and supervision of extracurricular activities.

170 Principles, Curriculum and Observation in Secondary Education (3) I, II

Required of all students preparing for general secondary, special secondary or junior high school credentials. Secondary education in the United States. Basic principles, aims and scope, upon which modern school practices are established, student and teacher relationships, changing policies in secondary education, and the secondary school curriculum. Class meets twice weekly for one hour; a minimum of one hour per week of observation is also required.

174 Driver Education (2) I, II

A workshop type course designed to prepare secondary teachers for behind-the-wheel instruction in driver education courses. Persons enrolling must be qualified operators of motor vehicles in California.

175 Safety Education (2) I, II

The organization of safety work in secondary schools with emphasis on safe and courteous operation of motor vehicles.

179 Principles of Adult Education (2) I, II

An examination of the purposes and significance of adult education in our society. Principles for organizing and conducting special and evening classes for mature students.

180 Vocational Guidance (2) I, II

A study of techniques and present practices of guidance with special emphasis devoted to vocational education.

185 Child Welfare and Attendance (3) I, II

Attendance work, child accounting, home visitation methods, conference techniques, social case work, and agency relationships are included.

186 Laws Relating to Children (3) I, II

Implementation of educational and statutory regulations relating to children.

187 Introduction to the Exceptional Child (2) I, II (See Psychology 103)

Consideration will be given to the nature, extent, and prevalence of conditions which differentiate a child from the normal pattern, physically, mentally, psychologically or educationally. California state laws will be discussed in relation to the identification and education of the deviates. (Formerly Education 188.) Credit not given for both this course and Psychology 103.

188 Psychology and Education of the Exceptional Child (2) I, II (See Psychology 104)

Prerequisite: Education 187 or consent of instructor.

The characteristics of the different types of children who deviate from the average. Suggested procedures for meeting their needs. Credit will not be given for both this course and Psychology 104.

189 Methods of Teaching Mentally Retarded (2) I, II

Methods for adjusting the classroom, social situations, and the curriculum to meet the needs of the mentally retarded child. Required for the special credential for teaching mentally retarded.

193 Methods and Materials in Secondary School Subjects (2) I, II

A series of professional courses intended for prospective secondary school teachers in indicated subject fields. Each course will include consideration of objectives, methods, materials, and problems involved in teaching in the particular field. Each candidate for a secondary credential must complete the appropriate methods course in his major. It is recommended that the methods course in the minor be completed also. In general, the methods course should be taken prior to Education 250, directed (practice) teaching in secondary school.

193A Methods of Teaching Art in Secondary School

193B Methods of Teaching Business Education in Secondary School

193Ba Aims, Scope and Measurement in Business Education

193SD Methods of Teaching Speech and Drama in Secondary School

193E Methods of Teaching English in Secondary School

193FL Methods of Teaching Foreign Language in Secondary School

193Mu Methods of Teaching Music in Secondary School

193MuA Instrumental Methods and Materials

193MuB Choral Methods and Materials

193MuC Elementary Music Methods for Secondary Credential Candidates

193Ma Methods of Teaching Mathematics in Secondary School

193PE Methods of Teaching Physical Education in Secondary School

193Sc Methods of Teaching Science in Secondary School

193SS Methods of Teaching History and Social Studies in Secondary School

195 Education of the Physically Handicapped (2) I, II

The characteristics common to the physically handicapped with attention given to means of adjusting the curriculum to coordinate with their therapeutic care.

201 Supervision of Elementary Instruction and Curriculum (2) I, II

Prerequisite: General Elementary Credential and teaching experience.

Principles and practices of supervision and methods of evaluating instructional practices and the curriculum in elementary education.

224A Principles of Elementary Curriculum Development (2) I, II

Prerequisite: Education 150 or equivalent.

Development of curricula on the elementary level.

224B Principles of Secondary Curriculum Development (2) I, II

Prerequisite: Education 250 or equivalent.

Development of curricula on the secondary level.

250 Directed Teaching in Secondary School (6) I, II

Prerequisites: Education 102, 107, 109, 110, 170, 193, and Psychology 108.

See detailed section on directed teaching for description of other prerequisites for directed teaching and for discussion of the importance of directed teaching in the teacher education program.

Directed teaching is the culminating experience in the prospective teacher's professional training. Directed teaching is done under the daily supervision and guidance of a qualified training teacher designated by the school principal to serve in this capacity. A designated member of the college staff also assists in general supervision and counseling.

263 Supervision of Instruction and Curriculum in the Elementary Schools (3)

Prerequisite: General Elementary Credential.

Principles and practices of supervision and methods of evaluating instruction and the curriculum in elementary education.

264 Supervision of Instruction and Curriculum in the Secondary Schools (3)

Prerequisite: General Secondary Credential.

Principles and practices of supervision and methods of evaluating instruction and the curriculum in secondary education.

265 Field Work in Elementary School Administration and Supervision (variable)

Prerequisite: Education 263.

Field work and first hand study of the administration and supervision of an elementary school, as required for the elementary school administrative and supervisory credentials.

266 Field Work in Secondary School Administration and Supervision (variable)

Prerequisite: Education 264.

Field work and first hand study of the administration and supervision of a secondary school, as required for the secondary school administrative and supervisory credentials.

270 Organization and Administration of the Elementary School (2) I

Prerequisite: Graduate standing.

Principles and problems affecting the responsibilities of the teachers, administrators, and other members of the staff in the development of the instructional and non-instructional aspects of the school program. (Formerly Education 181.)

271 City and District School Organization and Administration (2) II

Prerequisite: Graduate standing.

Problems in federal, state, county and district school organization and administration; principles of public school personnel administration including qualifications and certification, employment, compensation and retirement. (Formerly Education 182.)

272 School Law in California (2) I

Prerequisite: Graduate standing.

Legal aspects of federal, state, and district school organization and administration including functions, relationships, responsibilities, and legal status of the various school agencies as shown by statutes and court decisions. (Formerly Education 183.)

273 School Finance and Business Management (2) II

Prerequisite: Graduate standing.

Principles of public school finance including state apportionments, budgetary procedures, purchasing, and auditing. (Formerly Education 141 and Education 184.)

ENGINEERING

George W. Duncan, M.S., Engineering Adviser.

At present Los Angeles State College is developing four-year engineering curricula designed to meet the needs of business and industry. Students interested in majoring in this field should consult with the engineering adviser.

ENGLISH

Clarence K. Sandelin, M.A., Associate Professor of English and Chairman of the Division of Language Arts and Literature

Daniel A. Amneus, M.A., Assistant Professor of English

Alfred Ehrhardt, Ed.D., Assistant Professor of English

Ann L. Greer, M.A., Assistant Professor of English

Morris Val Jones, M.A., Assistant Professor of Speech

Sterling P. Kincaid, Ph.D., Assistant Professor of English

Thomas M. McGrath, M.A., Assistant Professor of English

Frederick B. Shroyer, M.A., Assistant Professor of English

Courses in English are designed for three student groups:

Plan I: Those who expect to teach English.

Plan II: Those who plan to qualify for a professional writing career, creative and commercial fields.

Plan III: Those who desire to study English as a part of their general cultural development, or in preparation for graduate work at the university level.

Major advisers for Plan I: Ehrhardt, Greer, Smedley.

Major advisers for Plan II: Kincaid, McGrath, Gardemal.

Major advisers for Plan III: Amneus, Shroyer, Kincaid.

Senior Survey

All majors in the various language arts must complete a comprehensive and integrative survey and examination during the final semester of their senior year. Since this survey and examination will be based on a reading list appropriate to the student's particular major, a fundamental pattern is established for the student's upper division work. Within the general framework of his own major, the student is encouraged to elect those courses which will be most valuable in covering unfamiliar areas, just as he is left free to avoid courses in those areas where he is already proficient. The ultimate purpose of this program is not to establish a severe academic requirement, but to provide a final summary of the main educational objectives toward which the student has been working throughout his work in the major field.

The survey class will meet for two hours each week during the first 14 weeks of the semester. The examination will be given during the 14th week. It will consist of a two-hour essay followed, on the next day, by a two-hour objective test. Students who pass this final comprehensive examination receive two units of credit which counts as a part of the English major.

Students who are otherwise qualified to graduate, but who fail to earn a grade of "D" or better on the examination, may still receive their B.A. degree provided this failure in two units of work does not reduce their grade point average or total units below the graduation requirements.

Credential candidates must earn a grade of "C" or better on the examination in order to satisfy the major requirement for a credential. Any student who fails to earn a satisfactory grade on the examination may petition to repeat the examination at the next time it is offered. Credential candidates who pass the examination in one of these subsequent attempts will have satisfied that portion of the major requirement.

Plan I

Requirements for the Teaching Major in English

Lower Division (See Los Angeles City College Catalog for LACC courses)	
Freshman Composition (LACC English 1 and 2, or equivalent).....	6 units
Survey of English Literature (LACC English 9 and 10, or equivalent).....	6 units
Survey History of England (LACC History 3 and 4, or equivalent).....	6 units
Additional units to complete lower division requirements (see general requirements in both Los Angeles City College catalog and in this catalog). Recommended as electives: Six units of Elements of Public Speaking (LACC Speech 7 and 8).....	42 units
	60 units
Upper Division:	
English 100, or 101, or 106L.....	2 units
English 117J.....	3 units
From English 140 through 169 (but not adjacent ages).....	6 units
From English 170 through 179 (one course prior to, one course subsequent to year 1860).....	6 units
From English 180 through 189.....	3 units
English 197.....	2 units
Speech 130.....	2 units
From Drama 163, or Drama 164, or Journalism 164.....	3 units
Additional units to complete upper division requirements (see general requirements).....	37 units
	64 units
Graduate Division:	
From English 200 through 226, or from undergraduate English courses marked "graduate credit," provided at least 3 units are in 200 series.....	6 units
Additional units to complete graduate requirements for credential (see general requirements).....	24 units
	30 units

Requirements for the Teaching Minor in English

The teaching minor in English consists of 20 units, 8 of which must be earned in the upper division after the student has reached junior standing.

Lower Division:	
Freshman Composition (LACC English 1 and 2, or equivalent).....	6 units
Survey of English Literature (LACC English 9 and 10, or equivalent).....	6 units
	12 units
Upper Division:	
From English 100 through English 115, and preferably English 106L.....	2 units
English 117J.....	3 units
From English 116 through English 139.....	3 units
	8 units

Plan II**Requirements for the English Major in Applied Arts**

This program is designed for students who plan to qualify for both the B.A. Degree and for a practical writing career in some phase of business, industry, commerce, government, or independent enterprise.

Lower Division (See Los Angeles City College Catalog for LACC courses)	
Freshman Composition (LACC English 1 and 2 or equivalent).....	6 units
From lower division courses in writing, with no grade below "B" (LACC Drama 42; English 25AB; Journalism 1 and 2; Radio 81AB; or equivalent).....	6 units
Additional units to complete lower division requirements (see general requirements in both Los Angeles City College and this catalog)....	48 units
	<hr/> 60 units
Upper Division:	
English 100, or English 101.....	2 units
From English 116 through English 139, and always including Eng- lish 117J.....	9 units
From English 140 through English 169, and always including Eng- lish 164.....	6 units
From English 170 through English 179, with emphasis on 19th and 20th century writers.....	6 units
English 182, or from English 185A through English 186D.....	3 units
From English 106A through 106H.....	11 units
English 197, or completion of a project before 14th week in English 196 with a grade of "A" or "B".....	2 units
Additional units to complete upper division requirements (see general requirements).....	25 units
	<hr/> 64 units

Requirements for the English Minor in Applied Arts

The applied arts minor consists of 12 units, six of which must be earned in the upper division after the student has reached junior standing.

Lower Division (See Los Angeles City College Catalog for LACC courses)	
Survey of English Literature (LACC English 9 and 10, or equivalent)....	6 units
Upper Division:	
From English 106A through English 106H.....	6 units
	<hr/> 12 units

Plan III**Requirements for the English Major in Liberal Arts**

This program is designed for students who plan to qualify for the B.A. Degree in the course of their general cultural development. It is equally suited to students preparing for responsible citizenship immediately upon graduation, and to students preparing for advanced professional work at the university level.

Lower Division (See Los Angeles City College Catalog for LACC courses)	
Freshman Composition (LACC English 1 and 2 or equivalent).....	6 units
Survey of English Literature (LACC English 9 and 10, or equivalent).....	6 units
Survey History of England (LACC History 3 and 4, or equivalent)....	6 units
Additional units to complete lower division requirements (see general requirements in both LACC catalog and in this catalog). Recom- mended as electives: Six units of Elements of Public Speaking (LACC Speech 7 and 8); also where graduate degree work is con- templated at the university level, 12 units of French or German.....	42 units
	<hr/> 60 units

Upper Division:

From English 100 through English 115, but preferably English 100 or English 101	2 units
From English 116 through English 139, but always including English 117J	9 units
From English 140 through 169, and preferably including English 142 English 152	12 units
From English 170 through 179, (one course prior to, one course subsequent to year 1860)	6 units
From English 180 through English 189	6 units
English 197	2 units
Additional units to complete upper division requirements (see general requirements)	27 units
	<hr/> 64 units

Requirements for the English Minor in Liberal Arts

The liberal arts minor consists of 12 units, six of which must be earned in the upper division after the student has reached junior standing.

Lower Division:

Survey of English Literature (LACC English 9 and 10, or equivalent) 6 units

Upper Division:

From English 116 through 139, or English 170AB 6 units

12 units

COURSES OF INSTRUCTION IN ENGLISH

Graduate students may enroll in any English course marked "graduate credit." To enroll for credit in any other undergraduate English course, however, the graduate student must obtain prior approval from the course instructor and from the division chairman.

TECHNIQUE COURSES (100-106L)**100 History and Philosophy of the English Language (2) I**

Development of the English language as an instrument of social communication. (Formerly English 100B.)

101 English Language in America (2) II

Adaptation of the English language to the American environment.

103 Semantics (2) I, II

History and contemporary importance of the science of meaning. Application of semantic principles to various professional fields. (Formerly English 145.)

104 Grammar Review for Teachers (2) I, II

Practical review of the more recurrent problems in English grammar from the teacher's point of view. Emphasis on current grammar usage and on contemporary classroom methods. Historical development and regional variations briefly considered. (Formerly English 137.)

106A Professional Reports (3) I, II

Principles and techniques for investigating and reporting academic and scientific problems, and for reporting the conclusions in scholarly and scientific journals.

106B Verse Writing (2 or 4) II

Prerequisite: Consent of Instructor. Student need not have written verse previously, but he should have earned a grade of "B" or better in previous writing courses. (Formerly English 106V.)

106C Short Story Writing (2 or 4) I, II

Principles and techniques of short fiction applied to the actual composition of from 10,000 to 20,000 words of completed manuscripts. Fall semester emphasizes quality fiction; Spring semester emphasizes commercial fiction. (Formerly English 108.)

106D Radio Writing (2 or 4) I

Principles and techniques of writing radio advertising, narration, and drama, applied to the actual composition of from 10,000 to 20,000 words of completed manuscripts.

106E Television Writing (2 or 4) II

Principles and techniques of writing television advertising, narration, and drama, applied to the actual composition of from 10,000 to 20,000 words of completed manuscripts.

106F Article Writing (2 or 4) I

Principles and techniques of writing informative, critical, and persuasive prose for magazines, applied to the actual composition of from 10,000 to 20,000 words of completed manuscripts.

106G Novel Writing (2 or 4) I. Not offered in 1950-51.**106H Stage Playwriting (2 or 4) II.** Not offered in 1950-51.**106L Advanced Composition for Teachers (2) I, II**

Practical review of the more recurrent problems in secondary school composition. Emphasis on contemporary classroom methods.

TYPE COURSES (116-137)

117J Shakespeare (3) I, II

Twelve to fifteen plays, with special emphasis on one chronicle, one comedy, and one tragedy. English majors and minors should complete this course during their junior year. (Formerly included in course listed as English 106AB.)

118 Advanced Shakespeare (3) II

Prerequisite: English 117J or consent of instructor.

Intensive study of three major tragedies. Graduate credit.

121 Interpreting the Short Story (3) I

Principles and techniques for selection, analysis, evaluation, and presentation applied to the intensive study of fiction commonly included in high school and college courses.

122 Interpreting the Novel (3) II

Principles and techniques for selection, analysis, evaluation, and presentation applied to the intensive study of eight representative types of the novel in English commonly included in high school and college courses. Emphasis on theme, plot, characterization, diction, and tone as these are adapted to different purposes.

123 Interpreting Poetry (3) I

Principles and techniques for selection, analysis, evaluation, and presentation applied to the intensive study of representative English and American poetry commonly included in high school and college courses.

124 Interpreting Drama as Literature (3) II

Principles and techniques for selection, analysis, evaluation, and presentation applied to the intensive study of eight representative types of the drama in English commonly included in high school and college courses.

128 Interpreting Children's Literature (3) I, II

Prerequisite: Education 102, or Psychology 112 or consent of instructor. Principles and techniques for selection, analysis, evaluation, and presentation applied to the practical study of elementary school readings. Equal emphasis given to developing artistic appreciation, and to demonstrating function of literature in child development. (Formerly English 112.)

ENGLISH LITERATURE COURSES (140-169)

Studies of the artistic achievement and subsequent influence of major authors in successive ages throughout England's literary history. Consideration given to the ethical, social, and artistic values of each age and their surviving influence on the present.

142 The Age of Chaucer (3) I

Graduate credit. (Formerly English 128.)

146 The Age of Elizabeth (3) I

Renaissance literature exclusive of Shakespeare.

152 The Age of Milton (3) II

Graduate credit. (Formerly English 159.)

156 The Age of Dryden, Pope, and Johnson (3) II

(Formerly English 101.)

158 The Romantic Age (3) I

A study of romanticism in English literature, with attention to the influence of Continental romanticists including Rousseau, Goethe, Heine, Sand, Hugo, Chateaubriand, Pushkin. Readings in major works of Blake, Burns, Wordsworth, Coleridge, Shelley, Keats, Byron, and English romantic essayists. (Formerly English 177.)

160 The Victorian Age (3) II. Not offered in 1950-51.**164 The Twentieth Century (3) I**

AMERICAN LITERATURE COURSES (170-179)

Studies of the artistic achievement and subsequent influence of major authors in successive periods in the literary history of the United States. Consideration given to the ethical, social, and artistic values of each period and their surviving influence on the present.

170A-B Masters of American Literature (3-3). Year course.

First semester, survey of major writers from 1620 to 1860; second semester, survey of major writers from 1860 to 1950. (Formerly English 130A-B.)

172 Rise of an American Literature (3) I. Not offered in 1950-51.

Edwards, Franklin, and Irving considered as literary spokesmen for Puritanism, the Enlightenment, and Early Romanticism. Graduate credit.

173 New England Renaissance (3) II

Emerson, Hawthorne, and Melville considered as literary spokesmen for Romanticism. Graduate credit. (Formerly English 132.)

174 American Realists (3) I

Twain, James, and Adams considered as literary spokesmen for Realism. Graduate credit.

175 **Contemporary American Authors** (3) II. Not offered in 1950-51.

Dreiser, Robinson, O'Neill, and Eliot considered as major figures in the divergent literary trends of twentieth century America. Graduate credit.

176 **Major American Dramatists** (2) I. Not offered in 1950-51.

177 **Major American Novelists** (2) II. Not offered in 1950-51.

178 **Major American Poets** (2) I. Not offered in 1950-51.

179 **Major American Critics** (2) II. Not offered in 1950-51.

Graduate credit.

COMPARATIVE LITERATURE COURSES (180-189)

180A-B **Comparative Literature and the Fine Arts** (3-3). Year course.

Masterpieces of world literature studied in relation to cultural movements in thought and art, including music, drama, architecture, painting, sculpture, philosophy, and religion. First semester, Oriental and Classical Heritage; second semester, Western Heritage. (Formerly English 104A-B.)

181A-B **Contemporary World Literature** (3-3). Year course beginning fall, 1950; offered alternate years thereafter.

Readings in twentieth century literature representative of directions in contemporary thought; pursuit of values in the philosophical, psychological, and experimental novel. Graduate credit. (Formerly English 105.)

182 **Modern Drama** (3) I, II

Comparative study of representative plays from Ibsen to the present with emphasis on the reading of European drama in translation. Graduate credit. (Formerly English 150.)

183 **Modern Poetry** (3) I

Comparative study of representative poetry since 1890. Continental influence on poetic development is analyzed. Graduate credit. (Formerly English 152.)

184A **Greek and Latin Classics in Translation** (2) I

Odyssey, four Greek plays, Republic, Aeneid. Role of literature in fostering Hellenic cultural values.

184B **Bible as Literature** (2) II

Representative selections from the King James Version illustrative of various literary forms and objectives. Role of literature in fostering Hebraic cultural values.

184C **Medieval Classics in Translation** (2) I. Not offered in 1950-51.

Little Flowers of Saint Francis, Divine Comedy, and selections from Thomas Aquinas. Role of literature in fostering medieval cultural values.

184D **Renaissance Classics in Translation** (2) II. Not offered in 1950-51.

Autobiography of Benvenuto Cellini, Don Quixote, and selections from Rabelais and Erasmus. Role of literature in fostering renaissance values.

185A **Literary Criticism: Plato to Dryden** (2) I

Comparative study of the masterpieces of criticism. Graduate credit.

185B **Literary Criticism: Pope to Croce** (2) II

Comparative study of the masterpieces of criticism. Graduate credit. (Formerly Drama 104.)

186A Tragedy (2) I

Comparative study of the theory and practice of tragedy in various literatures, from Aeschylus to O'Neill, with emphasis on drama in translation. Graduate credit.

186B Comedy (2) II

Comparative study of the theory and practice of comedy in various literatures, from Aristophanes to Shaw, with emphasis on drama in translation. Graduate credit.

186C Satire (2) I. Not offered in 1950-51.

Comparative study of the theory and practice of satire in various literatures, from the Periclean to the Atomic Age, with emphasis on readings in translation. Graduate credit.

186D Epic (2) II. Not offered in 1950-51.

Comparative study of the theory and practice of epic prose and poetry in various literatures, with readings exclusively in translation. Graduate credit.

188. Folk Literature in Translation (3) II. Offered summers and in second semester of regular school year when demand warrants.

Cultural implications of mythology, traditions, tales, poetry, music, and drama analyzed. Relevance to classroom activities emphasized. Various nationalities or cultures emphasized in successive semesters.

189 Children's Literature in Translation (3) II. Offered summers and in second semester of regular school year when demand warrants.

Survey of children's literature available which treats foreign lands and people. Relevance to classroom activities emphasized.

SPECIAL UNDERGRADUATE COURSES (190-199)

196 Special Projects in Writing (2 or 4) II

Prerequisite: Completion of at least eight units in the English 106 series, or consent of instructor.

Students who cannot enroll in this class may petition for permission to enroll in English 199 in order to complete the Plan II major.

197 Senior Survey (2) I, II

Integrative survey of the field of English, culminating in a comprehensive final examination. Open only to, and required of, all Plan I and Plan III English majors. Students who need this course in 1950 may petition for it. Unless demand warrants it will not be offered in 1950.

199 Directed Individual Studies (Credit arranged to maximum of 4)

Offered only when a faculty member is available and approves the study program proposed by the student. Regularly scheduled conferences with supervising instructor. Limited to seniors. May be taken only once for credit.

GRADUATE COURSES (200-249)

Pending a subsequent announcement concerning the granting of the M.A. Degree, graduate courses are offered for the benefit of candidates for the general secondary credential. Students who plan to qualify for the M.A. degree prior to the time when it may be granted here, are advised to consult with the institution which will in fact be granting the degree. This will permit such transferring graduate students to make a more judicious selection of course programs.

200 Bibliography and Research (3) I. Offered each fall, if demand warrants, starting fall 1950.

Students will be instructed to make arrangements for off-campus library work during 1950-51.

- 221 **Proseminar: Medievalism** (3) II. Offered alternate springs, if demand warrants, starting spring 1951.
- 222 **Proseminar: The Renaissance** (3) I. Offered each fall, if demand warrants, starting fall 1951.
- 223 **Proseminar: Neo-Classicism** (3) II. Offered alternate springs, if demand warrants, starting spring 1952.
- 224 **Proseminar: Romanticism** (3) I. Offered alternate falls, if demand warrants, starting fall 1952.
- 225 **Proseminar: Victorianism** (3) I. Offered alternate falls, if demand warrants, starting fall 1953.
- 226 **Proseminar: American Literature** (3) II. Offered each spring, if demand warrants, starting Spring 1953.
- 249 **Thesis** (Credit arranged to maximum of 6) I, II. Not offered pending the time when the the M.A. Degree may be granted.

FOREIGN LANGUAGE

Clarence K. Sandelin, M.A., Associate Professor of English and Chairman of the Division of Language Arts and Literature

Florence M. Bonhard, Ph.D., Assistant Professor of Foreign Languages

Vernette Trooper, M.A., Assistant Professor of Foreign Languages

Courses in foreign language are designed for three student groups:

Plan I: Those who plan to teach foreign languages.

Plan II: Those who plan to employ foreign language in their vocation or profession, as in the foreign service, in foreign trade, or in becoming an interpreter.

Plan III: Those who desire to study foreign language as part of their general cultural development, or in preparation for graduate study.

Major advisers for foreign language: Bonhard, Trooper.

Plan I

Requirements for a General Secondary Credential with a Major in Foreign Language

Lower Division:

English 1 and 2	6 units
French or German or Spanish 1, 2, 3, 4	12 units
Additional units to complete lower division requirements (see general requirements)	42 units
	<hr/>
	60 units

Upper Division:

French or German or Spanish	24 units
Courses to be taken the same as those for Plan III, except that 6 electives must be in graduate year.	
Additional units to complete upper division requirement (see general requirements)	40 units
	<hr/>
	64 units

Plan II

Requirements for an Applied Arts Major in Foreign Language

Not offered in 1950-51.

Plan III

*Requirements for a Liberal Arts Major in Foreign Language***Lower Division:**

Foreign language 12 units

Upper Division:

If French major, French 101AB, 102AB, 116AB 18 units
 Electives in French 6 units
 If German major, German 101AB, 102AB, 103, 107 17 units
 Electives in German 6 units
 If Spanish major, Spanish 102AB, 103, 104AB, 116AB 21 units
 Electives in Spanish 3 units

*Requirements for a Liberal Arts Minor in Foreign Language***Lower Division:**

French, or German or Spanish 1, 2, 3, 4 12 units

Upper Division:

French or German or Spanish 12 units

These must include following:

If French minor, French 101AB, 102AB
 If German minor, German 101AB, 102AB
 If Spanish minor, Spanish 101AB, 102AB

—
24 units

COURSES OF INSTRUCTION

FRENCH

101A-B **Composition and Conversation** (3-3). Year course.

Prerequisite: French 4.

102A-B **French Literature from the Middle Ages to the Twentieth Century** (3-3). Year course.

Prerequisite: French 4 with a grade of A or B.

103 **Literature of the Nineteenth Century** (3)

Prerequisite: French 4 with a grade of A or B.

104 **Literature of the Sixteenth Century** (3). Not offered in 1950-51.

Prerequisite: French 4 with a grade of A or B.

105 **Literature of the Seventeenth Century** (3). Not offered in 1950-51.

Prerequisite: French 4 with a grade of A or B.

106 **Literature of the Eighteenth Century** (3). Not offered in 1950-51.

Prerequisite: French 4 with a grade of A or B.

116A-B **Grammar, Composition, and Style** (3-3). Not offered in 1950-51.

Prerequisite: French 101A-B.

118 **Directed Reading** (1-3) I

Prerequisite: French 4.

119 **Commercial French** (3). Not offered in 1950-51.

Prerequisite: French 4. Practice in the writing of business letters in French.

126 **French Phonetics** (2). Not offered in 1950-51.

Prerequisite: One year of elementary French. Intensive drill in the pronunciation of French.

127 **General Course in Phonetics** (3) II. Offered spring of odd years.

For students of music, radio and speech. Intensive drill to perfect the pronunciation of French, German, Italian, and Spanish. The same course as German 127 and Spanish 127.

GERMAN

101A-B **Composition and Conversation** (3-3). Year course.

Prerequisite: German 4 with a grade of A or B.

102A-B **History of German Literature to 1850** (3-3). Not offered in 1950-51.

Prerequisite: German 4 with a grade of A or B.

103 **German Literature from 1850 to the Present** (3). Not offered in 1950-51.

Prerequisite: German 4 with a grade of A or B.

105 **Lessing's Life and Works** (3). Not offered in 1950-51.

Prerequisite: German 4 with a grade of A or B.

107 **Phonetics** (2). Not offered in 1950-51.

Prerequisite: German 2.

108 **Schiller's Life and Works** (3). Not offered in 1950-51.

Prerequisite: German 4 with a grade of A or B.

109 **Goethe's Life and Works** (3). Not offered in 1950-51.

Prerequisite: German 4 with a grade of A or B.

111 **German Narrative Prose** (3). Not offered in 1950-51.

Prerequisite: German 4 with a grade of A or B. A survey from 1750 to 1880.

118 **Directed Reading** (1 to 3). Not offered in 1950-51.

Rapid reading of literary or scientific works. Oral and written reports.

126 **German Phonetics** (2). Not offered in 1950-51.

Prerequisite: One year of elementary German. Intensive drill in the pronunciation of German.

127 **General Course in Phonetics** (3) II. Offered spring of odd years.

For students of music, radio, and speech. Intensive drill to perfect the pronunciation of French, German, Italian, and Spanish. The same course as French 127 and Spanish 127.

SPANISH

101A-B **Oral and Written Composition** (3-3). Year course.

May not be taken concurrently with or following Spanish 116AB.

102A-B **Survey of Spanish Literature to 1800** (3-3). Year course.

Prerequisite: Spanish 4 with a grade of A or B.

103 **Nineteenth Century Spanish Literature** (3). Offered in fall of even years.

Prerequisite: Spanish 4 with a grade of A or B.

104A-B Spanish American Literature (3-3). Year course. Not offered in 1950-51; offered 1951-52 and alternate years thereafter.

Prerequisite: Spanish 4 with a grade of A or B. First semester, literature to 1888; second semester, literature since 1888.

116A-B Advanced Composition and Syntax (3-3)

Prerequisite: Spanish 4 with a grade of A or B, or Spanish 101A.

118 Directed Reading (1 to 3) I, II

Rapid reading of literary or scientific works. Oral and written reports.

119 Commercial Spanish (3). Not offered in 1950-51.

Prerequisite: Spanish 4 with a grade of A or B. Practice in writing business correspondence in Spanish.

120 Shorthand in Spanish (3). Not offered in 1950-51.

Prerequisite: Spanish 4 with a grade of A or B. Practice in taking Spanish dictation in shorthand.

121 Interpreting Oral Spanish (3). Not offered in 1950-51.

Prerequisite: Spanish 4 with a grade of A or B. For persons who come into contact with Spanish-speaking people in stores, banks, courts of law, government service.

122 Spanish for Translators (3). Not offered in 1950-51.

Prerequisite: Spanish 4 with a grade of A or B. Drill in accurate translation of written Spanish to English, and of English to Spanish.

123 Spanish for Elementary Teachers (3). Not offered in 1950-51.

Prerequisite: Spanish 2. Methods of teaching Spanish to children.

126 Spanish Phonetics (2) II. Offered spring of even years.

Prerequisite: Intensive drill in the pronunciation of Spanish.

127 General Course in Phonetics (3) II. Offered spring of odd years.

For students of music, radio, and speech. Intensive drill to perfect pronunciation of French, German, Italian, and Spanish. The same course as French 127 and German 127.

130 Masterpieces of the Golden Age (3). Not offered in 1950-51.

Prerequisite: Spanish 4 with a grade of A or B.

131 Spanish Drama Since 1898 (3). Not offered in 1950-51.

Prerequisite: Spanish 4 with a grade of A or B.

132 The Novel Since 1898 (3). Not offered in 1950-51.

Prerequisite: Spanish 4 with a grade of A or B.

GEOGRAPHY

Raymond A. Rydell, Ph.D., Associate Professor of History and Chairman of the Division of Social Science

Harry P. Bailey, Ph.D., Assistant Professor of Geography

Robert W. Durrenberger, M.A., Assistant Professor of Geography

_____, Assistant Professor of Geography

DeWitt C. Watson, Ph.D., Associate Professor of Business Administration

The major in geography is planned for students with either of these main interests:

1. Professional: Preparation for vocational and graduate work in geography, looking toward appointment as a career geographer or as an instructor on the college level.
2. Cultural: To gain a broad understanding of the world and its people. For the teaching major, see Social Studies.

*Requirements for a Major in Geography***Lower Division:** (See Los Angeles City College catalog.)

Geography 1, 2—Elements of Geography <i>or</i>	
Geography 4, 5—Economic Geography	6 units
Anthropology 1, 2—General Anthropology <i>or</i>	
Geology (Basic courses)	6 units
Other units needed to meet the requirements for upper division standing (see general requirements)	48 units
	60 units

No grade below "C" in lower division work will be accepted for the major.

Upper Division:

Geography 105—Cartography	3 units
Geography 115—Physical Geography	3 units
Geography 161—Conservation of Natural Resources	3 units

Select six units from the following:

Geography 109—Geography of the Pacific Area	
Geography 121—Geography of Anglo-America	
Geography 122—Geography of Latin America	
Geography 123—Geography of Europe	
Geography 124—Geography of Asia	
Geography 131—Geography of California	6 units
Other electives in Geography	6 units

Other courses necessary to make the total required for the A.B. degree (see general requirements)

43 units

64 units

Recommended: A minor in a social science, a natural science, or both.

Minor Requirements

Twelve units, of which at least six must be upper division.

COURSES OF INSTRUCTION

Prerequisites: Unless otherwise stated, Geography 1 and 2, or 4 and 5, or Geography 101, are required for entrance to all upper division courses. Consent of the instructor may serve in lieu of course requirements, under exceptional circumstances.

101 Survey of the Modern World (3) I, II

A survey of the chief physical and cultural features of the modern world. Emphasis is given to the location of subjects under study, many of which are of economic importance. This course is intended primarily for candidates for teaching credentials. Geography 101 is *not open* to geography majors, or to any student who has completed one or both semesters of a basic year's course in geography in the lower division.

105 Cartography (3) II

Prerequisite: Admission only by consent of the instructor.

Practice in the drawing of maps and other graphic devices. Lecture one hour, laboratory four hours.

109 Geography of the Pacific Area (3) I, II

Regional examination of the physical and cultural features of eastern Asia, Oceania, and the west coasts of the Americas; major stress upon geographic factors influencing contemporary events.

- 110 Climatology (3) I, II** (See Physical Science)
Prerequisite: Geography 3 is recommended.
The major climatic types of the earth, including their significance in the landscape and to man.
- 115 Physical Geography (3) I** (See Physical Science)
The natural features of the landscape, with emphasis on climate, landforms, and plant life.
- 121 Geography of Anglo-America (3) I, II**
Analysis of the chief regions of human use of the United States, Canada, and Alaska.
- 122 Geography of Latin America (3) I, II**
Consideration of the development and character of the countries of Latin America.
- 123 Geography of Europe (3) I**
Examination of the face of Europe and the Soviet Union, with emphasis on geographic factors important in European problems. (Formerly Geography 134.)
- 124 Geography of Asia (3) I**
Survey of the chief geographic facts of China-Japan, India, and Southeastern Asia.
- 131 Geography of California (3) II**
A regional study of California, including consideration of settlement and utilization of resources as topics of major interest.
- 161 Conservation of Natural Resources (3) I, II.** (See Physical Science.)
The principles of conservation, and their application in the United States.
- 180 Field Study** (Variable credit) I, II
Credit, in variable amount, to be allowed for employment under direction in applied aspects of geography, within the period of time in which the student is completing his A.B. Degree or teaching credential. Summer employment will normally constitute the period in which such employment will be carried out. Employment is particularly desirable in lines where work is performed in the field, or where maps are constructed or analyzed.
- 181 Political Geography (3) II**
Geographic factors which enter into the administration of larger political units, such as nations or their major components, with consideration of selected political situations.

GOVERNMENT*

Raymond A. Rydell, Ph.D., Associate Professor of History and Chairman of the Division of Social Science

Elliott W. Guild, Ph.D., Professor of Government

Thompson Black, Jr., M.A., Assistant Professor of Government

Ake Sandler, Ph.D., Assistant Professor of Government

Tully E. Warren, Ph.D., Assistant Professor of Government

The major in Government is designed to serve students who are interested primarily in one or more of the following:

1. Technical preparation for government employment on the Federal, State, or local level.
2. Pre-professional training for entrance to a graduate law school.
3. Pre-professional training for advanced degree in Political Science, Public Administration, or International Relations.

For the teaching major, see Social Studies.

* Formerly designated "Political Science."

*Requirements for a Major in Government***Lower Division** (See Los Angeles City College catalog):

Political Science 1, 2—Introduction to Government..... 6 units

Select six units from the following:

Anthropology 1, 2—General Anthropology.

Economics 1, 2—Principles of Economics.

Geography 1, 2—Elements of Geography.

Geography 4, 5—Economic Geography.

History 1, 2; 3, 4; 5, 6; 10; 11, 12.

Introductory Philosophy.

Psychology 21—Introduction to Psychology.

Sociology 1, 2—Introductory Sociology..... 6 units

Other units needed to meet the requirement for upper division standing (see general requirements)..... 48 units

60 units

No grade below "C" in lower division work will be accepted for the major.

Upper Division:

Government courses..... 24 units

Up to six of these may be taken in courses approved by the department from the following fields: Business Administration, Economics, Geography, History, Philosophy, Psychology, Sociology.

Other courses necessary to make the total required for the A.B. degree 40 units

64 units

Important: Students who elect a major in government must plan their program according to the recommendations of a departmental adviser as soon as they enter Los Angeles State College.

Minor Requirements

Twelve units, of which at least six must be upper division.

COURSES OF INSTRUCTION

Prerequisites: The general prerequisite for all courses is one year of lower division political science or consent of the instructor; exception: no prerequisite for Government 101.

101* American Institutions (2) I, II

History and development of the American constitutional system and the ideals upon which it is based. This course is designed specifically to satisfy the United States Constitution requirement.

103 State and Local Government (3) I, II

The structures, functioning, and relationships of state, county, and local governments, with special reference to California.

104 Municipal Government (3) II

The modern municipality in the United States and its relationships to other governmental units. Home rule; the city manager movement; municipal corporations; administrative districts; the concept of metropolitan government. (Formerly Political Science 172.)

105* American Federal Government (3) I, II

The policy making and administrative structures and operations of the Federal government. Make-up of Congress; the electoral college; committee composition. Executive departments and agencies; regulatory commissions; government corporations.

* Designates a course which satisfies the "United States Constitution" requirement.

112 Political Theory (3) I

Survey of socio-political thought from the time of Plato to the present, with emphasis upon modern contributions. (Formerly Political Science 151.)

113 American Political Thought (3) II

Examination of political thinking in America from colonial times to contemporary United States; particular attention to political doctrines and ideals as expressed in political addresses and constitutional decisions.

114 Public Opinion and Lobbies (3) I

Tactics and aims of pressure groups, particularly lobbies, in the influencing of American public sentiment. Political significance of public opinion polls.

117 Government Controls in the American Economy (3) I

The role of government in such fields as anti-trust prosecution, fair trade practice enforcement, farm price supports, mortgage insurance, etc. Rise of regulatory commissions; administrative courts; licensing authorities; vocational and professional standards; inspection and permit services. Changing government concepts of the public interest and public welfare.

118 American Political Parties and Politics (3) II

The rise of American political parties, including third parties; party structure, operation, and control, with emphasis on political leadership. (Formerly Political Science 145.)

125 United States Foreign Policy (3) I, II

Development of the theory and practice of American foreign policy, with emphasis on contemporary problems and procedures.

126 International Law (2) II

Progress and status of the law of nations; international adjudication; principles of national sovereignty; international agreements.

127 International Relations (3) I, II

The forces and motives influencing international politics and policies, with special attention to the United Nations and its current problems.

150A-B Comparative Government (3-3). Year course.

A two-semester survey. 150A: An analytical study of the political institutions, problems, and trends in the United Kingdom, Russia and her satellites, Switzerland, and the Scandinavian countries. 150B: A similar study of France, Italy, Spain, Portugal, the Netherlands, and Belgium.

151 Governments of Latin America (3) I

Political concepts, structures, and trends in the governments of Mexico, Brazil, Argentina, Chile, and others selected for study by the instructor.

152 Asiatic Government (3) II

Analyses of the political institutions and problems of China, India, Japan, Indonesia, and the Philippines.

157* Constitutional Law (3) I

Basic principles of American constitutional law, and the role of the United States Supreme Court in our political and social development. (Formerly Political Science 157A-157B.)

160 Principles of Public Administration (3) I, II

Analysis of the executive function in government; survey of the principles of administrative organization, personnel management, financial administration, administrative law, public relations. Problems and trends in government as a career. (Formerly Political Science 143A-143B.)

* Designates a course which satisfies the "United States Constitution" requirement.

163 Public Personnel Administration (3) I

Growth of the merit system concept and development of the Civil Service; recruitment procedures and examinations; position classifications; salary structures; retirement plans; in-service training; supervision; employee organizations.

165 Principles of Employee Supervision (3) II

Prerequisite: Consent of the instructor.

A series of discussions on government employee situations and problems from the point of view of the lower-level supervisor. (Formerly Political Science 180.)

166 Public Financial Administration (3) II

Principles of governmental accounting and financial controls; budgeting; capital outlays; treasury functions; governmental purchasing; assessment practices; financial reporting.

168 Public Welfare Administration (3) II

The internal administration of government programs such as social security, child care, corrections, pensions. Operation of the grant-in-aid principle. Inter-agency relationships; problems of field coordination.

170 Public Relations in Government (3) I

Sound principles and effective media in informing the public on governmental services and programs. Public relations as a staff function. Press relations; public contacts; the role of "public service features." (Formerly Political Science 130.)

171 Governmental Report Writing (2) II

Preparation of effective government reports; principles in the composition of letters, memorandas, directives, research reports and recommendations; progress reports; improvement of phraseology in government communications.

172 Organization and Methods Analysis (3) I

Special studies in governmental office and agency operations; organizational charting; work simplification; space and equipment layouts; preparation of administrative and procedure manuals; form requirements. Problems of control, delegation, and coordination.

173 Government and Urban Housing (3) II

The changing functions and policies of various levels of government in relation to housing. Agency programs concerned with subdivision regulations, mortgage insurance, cooperative housing, slum clearance, redevelopment, prefabrication. Influences of government on the construction industry, real estate market, mortgage practices, and group welfare.

174 Introduction to City Planning (3) I

Functions and administrative structures of city and regional planning departments. Composition and requisites of planning staffs. Zoning; master planning; urban redevelopment. Economic, legal, aesthetic, and social considerations in program formulation and execution. (Formerly Political Science 121.)

176 Administrative Law (3) II

Growth of regulatory commissions; processes in administrative adjudication; duties and liabilities of public officers; appeal procedures; trends in regulation.

180 Field Work (Variable credit) I, II

Prerequisite: Senior standing and consent of the instructor.

Work experience in governmental agencies in the Los Angeles area, under joint supervision of the State College faculty and the cooperative agencies. College credit varies with the assigned caliber of work and hours each week devoted to the agency.

HISTORY

Raymond A. Rydell, Ph.D., Associate Professor of History and Chairman of the Division of Social Science
 Chester R. Milham, Ph.D., Professor of History
 Robert C. Catren, M.A., Assistant Professor of History
 Howard A. Fleming, B.A., Assistant Professor of History
 Emmett A. Greenwalt, Ph.D., Assistant Professor of History
 Lorentz I. Hansen, Ph.D., Assistant Professor of History
 Carter G. Jefferis, Ph.D., Assistant Professor of History
 Louis De Armond, Ph.D., Assistant Professor of History
 William T. Wilson, Ph.D., Assistant Professor of Business Administration

The major in history may be undertaken to attain academic, business, and cultural objectives.

1. Preparation for graduate work and advanced degrees in history at this and other institutions.
 2. Proficiency in historical knowledge and historical method, to prepare for specialized positions in business, government, and certain cultural institutions.
 3. Appreciation of the past and better understanding of the present.
- For the teaching major, see Social Studies.

Requirements for a Major in History

Lower Division (See Los Angeles City College catalog):

History 11, 12—History of the United States <i>or</i>	
History 5, 6—History of the Americas	6 units
History 1, 2—History of Western Europe <i>or</i>	
History 3, 4—History of England	6 units
Select six units from the following:	
Anthropology 1, 2—General Anthropology	
Economics 1, 2—Principles of Economics	
Geography 1, 2—Elements of Geography	
Geography 4, 5—Economic Geography	
Political Science 1, 2—Introduction to Government	
Introductory Philosophy	
Sociology 1, 2—Introductory Sociology	6 units
Other units needed to meet the requirement for upper division standing (see general requirements)	42 units
	60 units

No grade below "C" in lower division work will be accepted for the major.

Upper Division:

An approved combination in Old World History	
Choices are: 111A-B; 121A-B; 145, 146; 146, 147; 146, 148; 147, 148; 147, 149; 148, 149; 148, 158; 153A-B; 191A-B	6 units
An approved combination in New World History	
Choices are: 159, 166; 162A-B; 172, 173; 173, 174; 174, 175; 174, 178; 175, 178; 175, 179; 176, 178; 178, 179; 178, 181; 181, 188; 181, 190; 188, 190	6 units
History 199A-B to be taken in the senior year	6 units
Select six units in related courses from the following fields:	
Anthropology	
Economics	
Geography	
Government	
Philosophy	
Sociology	
A national literature (e.g. English Literature)	6 units
Free electives to make the total necessary for the A.B. degree	40 units
	64 units

Minor Requirements

Twelve units, of which at least six must be upper division.

COURSES OF INSTRUCTION

Prerequisites: Upper division standing and one year of college history, or consent of the instructor. Exceptions: no prerequisite for History 130 and History 175.

111A-B The Ancient Mediterranean World (3-3). Year course.

A historical survey of the ancient Mediterranean world from earliest times to the reign of Constantine; main attention to the Greeks and Romans.

121A-B The Middle Ages (3-3). Year course.

Europe from the fall of the Roman Empire to the fifteenth century, with emphasis upon cultural, social, and economic contributions to the modern era. (Formerly History 112A-B.)

130A-B-C-D Great Personalities (2-2-2-2)

Biographical study of history through examination of the careers of representative men and women. No prerequisites: the sections of this course stand independently and are divided regionally.

A. Latin America (fall, 1950)

B. Europe (spring, 1951)

C. United States (fall, 1951)

D. Asia (spring, 1952)

145 Europe: From the Renaissance to Waterloo (3) I

Survey of Europe from the close of the medieval period to the opening of the nineteenth century; politics, society, and institutions.

146 Europe: The Nineteenth Century (3) II

The hundred years from the end of the Napoleonic wars to the outbreak of World War I, with emphasis upon nationalism, international rivalries, and economic changes.

147 Europe: The Twentieth Century (3) I, II

The course of Europe in recent times; political, military, economic, and social developments from the inception of World War I to yesterday.

148 Economic History of Europe (3) I, II. (See Economics 172.)

Examination of the economic development of Europe in modern times, with special attention to the Industrial Revolution and its effect. Note: Credit will not be given for both this course and Economics 172.

149 Eastern Europe (3) II

Russia, Poland, and the Balkan countries; their internal and international history in the nineteenth and twentieth centuries, emphasizing Soviet Russia in international politics. (Formerly History 162.)

153A-B Great Britain in Modern Times (3-3). Year course.

Main currents in the stream of British history from Norman times to the present day. Particular attention to the modern period and to cultural and social matters. (Formerly History 113A-B.)

158 The British Empire (3) I

Political and economic development of the British Empire since the late eighteenth century, with major consideration given to the expansion of the colonial empire and the evolution of the modern empire-commonwealth.

159 Canada (3) II

Historical survey of the growth of Canada from French colony to contemporary British Dominion. Treatment both as a part of the British Empire and as one of the Americas.

162A-B Latin America (3-3). Year course.

History of the Americas south of the United States from earliest times to the present. The first semester covers the colonial period; the second semester deals with the years since the achievement of independence. (Formerly History 161A-B.)

166 Mexico (3) II

The course of the Mexican people and nation since the day of the Aztecs; particular attention to social and cultural matters and to the more recent national period.

172* The United States: The Colonial Period (3) I

History of the Thirteen Colonies from their European origins to the completion of American independence. Emphasis placed upon colonial life and problems, the Revolution, and the early national period.

173* The United States: The Nineteenth Century (3) I, II

The evolution of the American people and nation from Jefferson's administration to the war with Spain. Main topics include sectionalism, Civil War and reconstruction, and industrialization.

174* The United States: The Twentieth Century (3) I, II

Political, economic, and social history of the United States in recent years; the Progressive Era, World War I, the "twenties," the New Deal, World War II, and postwar United States.

175* Economic History of the United States (3) I, II. (See Economics 171.)

Historical survey of American economic development to the present, particularly industrialization and national legislation in the fields of industry and commerce. (Formerly History 178.)

NOTE: Credit will not be given for both this course and Economics 171.

176* American Reform Movements and Reformers (3) II

Cultural, political, and economic reforms, with special emphasis upon utopian communities. This is a study of the "fringe" to find out why some reform movements failed while others became part of the American core.

178* Diplomatic History of the United States (3) I, II

Historical analysis of the foreign relations of the United States from colonial backgrounds to the contemporary scene, with special attention to recent diplomatic problems. (Formerly History 150.)

179* Constitutional History of the United States (3) II

Prerequisite: Six units of American History, or six units of Government, and consent of instructor.

The Federal Constitution from the historical point of view. Major considerations are: the Constitutional Convention, and constitutional controversies and changes since John Marshall. This course satisfies *both* the "American History" and the "Constitution of the United States" requirements.

181* The Westward Movement and the West (3) I, II

Study of the advance and characteristics of the American frontier from colonial times through the nineteenth century and the development of the West in the past half century.

* Designates a course which satisfies the "American History" requirement.

188 California (3) I, II

The political, economic, social, and intellectual history of California from Spanish times to the present, with emphasis upon current characteristics, problems, and trends.

190 The Pacific Area (3) I, II

Synthesis of the historical development of eastern Asia, Oceania, and the American lands bordering the Pacific; analysis of the impact of the West upon the East, with special attention to the role of the United States and to contemporary problems of the Pacific.

191A-B The Far East (3-3). Year course.

Survey of China, Japan, and the Indies from ancient to recent times; Oriental culture, political and social developments, Westernization, current trends, international politics.

198 Directed Reading (Variable) I, II

Prerequisite: Senior or graduate standing and permission of the chairman of the division. Individual conferences and advanced reading assignments in selected historical fields.

199A-B Historiography and Special Studies (3-3). Year course.

Senior course: *required* of all history majors.

The first semester is concerned with historiography, including the intellectual processes by which history is written, the courses and development of history, and representative historians. The second semester is an introduction to historical method and includes individual investigations of selected topics.

This course will prepare the student for graduate seminar work in history; its utilization of historical method and bibliography will serve also to equip the history major for certain specialized positions in business, government, and cultural institutions.

JOURNALISM

Clarence K. Sandelin, M.A., Associate Professor of English and Chairman of the Division of Language Arts and Literature

Paul T. Scott, Ph.D., Assistant Professor of Journalism

Kathryn P. Lambeau, M.A., Exchange Lecturer in Journalism

Courses in journalism are designed for three student groups.

Plan I: Those who plan to teach journalism.

Plan II: Those who plan to become journalists.

Plan III: Those who desire to study journalism as part of their general cultural education, or to prepare for graduate study in the subject.

Major advisers for Plan I: Ehrhardt, Greer, Trospser.

Major adviser for Plans II and III: Scott.

Senior Survey

All majors in the various language arts must complete a comprehensive and integrative survey and examination during the final semester of their senior year. Since this survey and examination will be based on a reading list appropriate to the student's particular major, a fundamental pattern is established for the student's upper division work. Within the general framework of his own major, the student is encouraged to elect those courses which will be most valuable in covering unfamiliar areas, just as he is left free to avoid courses in those areas where he is already proficient. The ultimate purpose of this program is not to establish a severe academic requirement, but to provide a final summary of the main educational objectives toward which the student has been working throughout his work in the major field.

The survey class will meet for two hours each week during the first 14 weeks of the semester. The examination will be given during the fourteenth week. It will consist of a two-hour essay followed, on the next day, by a two-hour objective test.

Students who pass this final comprehensive examination receive two units of credit which counts as a part of the English major.

Students who are otherwise qualified to graduate, but who fail to earn a grade of "D" or better on the examination, may still receive their B.A. degree provided this failure in two units of work does not reduce their grade point average or total units below the graduation requirements.

Plan I

Requirements for a Teaching Major in Journalism

No teaching major in Journalism offered in 1950-51. Students who are interested in a credential major emphasizing journalism are advised to consult the Language Arts section of this catalog where a composite teaching major including journalism is described.

Requirements for a Teaching Minor in Journalism

Lower Division:

(See Los Angeles City College catalog for L. A. C. C. courses.)

Journalism 1 and 2 or equivalent 6 units

Upper Division:

Journalism 130A-B 6 units

Journalism 140 6 units

Journalism 164 2 units

20 units

Plans II and III

Requirements for a Journalism Major in Applied Arts or Liberal Arts

Lower Division:

(See Los Angeles City College catalog.)

History 1 and 2, or 11 and 12, or equivalent 6 units

Political Science 1 and 2, or equivalent 6 units

Economics 1 and 2, or equivalent 6 units

English 1 and 2, or equivalent 6 units

Journalism 1 and 2, or equivalent 6 units

Additional units to complete lower division requirements (see general requirements) 30 units

60 units

Upper Division:

Journalism 130A-B—News Editing 6 units

Journalism 140—History of Journalism 3 units

Journalism 150—Contemporary Editorial Problems 3 units

Journalism 170—Principles of Publishing 3 units

Journalism 171—Newspaper Advertising 3 units

Journalism 190—The Press and World Affairs 2 units

Journalism 196—Special Projects in Journalism 2 units

Journalism 197—Senior Survey 2 units

Business 104—Marketing 3 units

Business 141—Advanced Advertising Copy and Layout 3 units

Additional units to complete lower division requirements (see general requirements) 34 units

64 units

Requirements for a Journalism Minor in Applied Arts or Liberal Arts

Lower Division:	
Journalism 1 and 2 or equivalent.....	6 units
Upper Division:	
Journalism 130A-B.....	6 units
Journalism 196.....	2 units
	14 units

COURSES OF INSTRUCTION

Graduate students may enroll in any journalism course marked "graduate credit." To enroll for credit in any other undergraduate journalism course, the graduate student must first petition for permission.

130A-B News Editing (3-3) Year

Prerequisite: L. A. C. C. Journalism 1 and 2, or equivalent, with a grade of B in Journalism 2, or consent of instructor. Course 130A is prerequisite to 130B.

Techniques of copyreading and headline writing, theories of news selection and make-up, examination of newspaper editorial practices. One lecture and two two-hour laboratory sections.

140 History of Journalism (3) I

Open to all upper division students, and to lower division students who have completed all lower division requirements for the journalism major. Study of the development of journalism, particularly in the United States, with an introduction to the important papers and personalities.

150 Contemporary Editorial Problems (3) I, II

Prerequisite: L. A. C. C. Journalism 1 and 2, or equivalent, or consent of instructor.

An examination of current problems, with practice in bibliographical and research methods, and in writing in editorial and interpretive forms.

164 School Journalism (2) I, II

Prerequisite: Junior standing.

Theory and technique of school newspapers. Designed primarily for credential candidates who desire an introduction to the practical problems in supervising school publications. Graduate credit.

170 Principles of Publishing (3) II

Prerequisite: Completion of all lower division requirements.

Analysis of the economy, organization, and operation of daily and weekly newspapers. Two lectures a week and one two-hour laboratory section.

171 Newspaper Advertising (3) I, II

Prerequisite: Completion of all lower division requirements. Graduate credit.

Analysis of advertising principles of the daily and weekly newspaper, with attention to typography, layout, copy writing, and production. Two lectures a week and one two-hour laboratory period.

190 The Press and World Affairs (2) I, II

Open to all upper division students, to lower division students who have completed all lower division requirements for the journalism major. Graduate credit.

Comparative world journalism, with an examination of sources of news from various capitals, and consideration of influences that effect information reaching the people about public affairs.

196A-B-C-D Special Projects in Journalism (2-2-2-2) I, II

Prerequisite: Completion of all lower division requirements for journalism major, full upper division standing, and consent of instructor to register.

Recommended for members of the staff of the *College Times*. Lecture one hour; supervised activity, four hours. Graduate credit to maximum of 2 units.

197 Senior Survey (2) I, II

Integrative survey of the field of journalism culminating in a comprehensive final examination. Open only to, and required of, all majors in journalism. Students who need this course in 1950 may petition for it. Unless demand warrants, it will not be offered in 1950.

199 Directed Individual Studies. (Credit arranged to maximum of 4.)

• Offered only when a faculty member is available and approves the study program proposed by the student. Regularly scheduled conferences with supervising instructor. Limited to seniors. May be taken only once for credit.

LANGUAGE ARTS

Major advisers: Ehrhardt, Greer, Troster.

The composite major in Language Arts is designed for those who desire a General Secondary Credential in the several fields which jointly comprise this major. See requirements for the General Secondary Credential listed under Education.

Senior Survey

All majors in the various language arts must complete a comprehensive and integrative survey and examination during the final semester of their senior year. Since this survey and examination will be based on a reading list appropriate to the student's particular major, a fundamental pattern is established for the student's upper division work. Within the general framework of his own major, the student is encouraged to elect those courses which will be most valuable in covering unfamiliar areas, just as he is left free to avoid courses in those areas where he is already proficient. The ultimate purpose of this program is not to establish a severe academic requirement, but to provide a final summary of the main educational objectives toward which the student has been working throughout his work in the major field.

The survey class will meet for two hours each week during the first 14 weeks of the semester. The examination will be given during the 14th week. It will consist of a two-hour essay followed, on the next day, by a two-hour objective test. Students who pass this final comprehensive examination receive two units of credit which counts as a part of the Language Arts major.

Students who are otherwise qualified to graduate, but who fail to earn a grade of "D" or better on the examination, may still receive their B.A. degree provided this failure in two units of work does not reduce their grade point average or total units below the graduation requirements.

Credential candidates must earn a grade of "C" or better on this examination in order to satisfy the major requirement for a credential. Any student who fails to earn a satisfactory grade on the examination may petition to repeat the examination at the next time it is offered. Credential candidates who pass the examination in one of these subsequent attempts will have satisfied that portion of the major requirement.

Requirements for the Teaching Major in Language Arts

Students majoring in the Language Arts composite program are required to submit a program for approval of major adviser. A single field, such as English or drama, is selected as the area of concentration, and work in other language arts used to supplement this concentration. This composite language arts program must include the following:

Lower Division:

Freshman Composition (LACC English 1 and 2, or equivalent) _____	6 units
Speech Fundamentals (LACC Drama 50, or Speech 3, or Speech 7, or Speech 8, or equivalent) _____	3 units
Additional units to complete lower division requirements (see Gen- eral Requirements) _____	51 units
	<hr/>
	60 units

Upper Division:

English 117J—Shakespeare _____	3 units
From English 142 through 179—Select one period course in English or American literature _____	3 units
From Speech 100, 107, 110 _____	6 units
Drama 164—Play Production in Secondary Schools _____	3 units
Radio and Television 164 or Motion Picture 164 _____	2 units
Journalism _____	3 units
Electives approved by major adviser and concentrated in a single one of the following areas of concentration: English, Speech, Drama, Journalism, Radio, Television, and Motion Picture _____	9 units
Senior Survey and Examination in Language Arts _____	2 units
Additional units to complete upper division requirements _____	34 units
	<hr/>
	64 units

Graduate students must take an additional 6 units of electives to satisfy the General Secondary Credential requirement. These electives must be from the same area in which the most upper division Language Arts units were taken, and must be approved by the major adviser.

Requirements for the Teaching Minor in Language Arts

The composite minor in Language Arts may be elected by any interested student. A minimum of 22 units in the field of Language Arts (English, Speech, Drama, Motion Picture, Radio, and Television, Journalism) including the following:

Lower Division:

Freshman Composition (LACC English 1 and 2, or equivalent) _____	6 units
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Upper Division:

English 128—Interpreting Children's Literature _____	3 units
Journalism 164—School Journalism _____	2 units
Drama 163—Speech and Dramatic Activities in Elementary Schools, or Drama 164 Play Production in Secondary Schools _____	3 units
Speech 163 _____	3 units
Radio 164 or Motion Picture 164 _____	2 units
Additional units elected in Drama, English, Journalism, Motion Pic- ture, Radio, Television, or Speech _____	3 units
	<hr/>
	22 units

MATHEMATICS

Samuel E. Urner, Ph.D., Professor of Mathematics and Chairman of the Department
Additional faculty members are secured from the Lower Division

The objectives of the department of mathematics include:

1. To provide an adequate background for the teaching of secondary school mathematics.
2. To give suitable preparation for those who wish to continue with graduate work in the field of mathematics.
3. To furnish a survey of the applications of mathematics in the sciences and statistics.
4. To offer to all concerned the cultural values of mathematics.

Requirements for a Major in Mathematics

For a major in mathematics a total of not less than 36 units, of which not less than 16 units are to be upper division, is required. An acceptable lower division program in Los Angeles City College would include Mathematics 7, Mathematics 8, Mathematics 11, and Mathematics 12. Mathematics 12 may be considered as an upper division subject for those students who take it only while enrolled in the upper division. Such subjects as Mathematics 3 and Mathematics 5 may be counted in the lower division total, providing the course material is of college caliber. Mathematics 1, Mathematics 50 or Mathematics 63 cannot be counted in the lower division total. Under certain conditions, subjects in related fields may be substituted for some of the required units. Permission for this must be obtained in each case from the department chairman.

Minor Requirements

A total of not less than 20 units, of which not less than 6 units are to be upper division.

COURSES OF INSTRUCTION

107 Introduction to Modern Geometry (3) II

Prerequisite: Mathematics 8 or equivalent.

A study of the synthetic geometry which has been developed since the time of Euclid. Similarity, theorems of Ceva and Menelaus, harmonic points and lines, coaxal circles, inversion, properties of the triangle, poles and polars, geometric constructions. The course is of particular value to teachers or prospective teachers of secondary mathematics.

108 Theory of Algebraic Equations (3) I

Prerequisite: Los Angeles City College Mathematics 11 or equivalent.

Properties of polynomials, elementary theorems on the roots of equations, cubic and quartic equations, determinants, discriminants, metrics.

109 Selected Topics in the History of Mathematics (3) I

Prerequisite: Los Angeles City College Mathematics 12 or equivalent.

This course traces the development of fundamental concepts and techniques in the fields of arithmetic, algebra, geometry and trigonometry.

110 Overview of Secondary Mathematics (3) II

Prerequisite: Los Angeles City College Mathematics 12 or equivalent.

A critical study, from the standpoint of an advanced student, of the fundamental principles of arithmetic, algebra, geometry and trigonometry.

111 Elementary Statistical Methods (3) I, II

Prerequisite: One year of algebra.

The fundamental methods of statistics—not a course in statistical theory. It is designed to provide a background for work in the various fields of application. Topics studied include measures of central tendency, measures of dispersion, normal distribution, correlation, sampling, methods of comparison of samplings.

114 Vectors and Allied Topics (2) I, II

Prerequisite: Los Angeles City College Mathematics 11, which may be taken concurrently.

The selection of topics for this course has been made upon the basis of their usefulness in applications. They include: emperial equations, interpolation, least sequences, trigonometric development of functions, elements of vector theory.

115 Differential Equations and Applications (2) I, II

Prerequisite: Los Angeles City College Mathematics 12, which may be taken concurrently.

A study of the simpler types of differential equations with major emphasis on their applications in the sciences. Attention is given to the actual setting up of differential equations representing significant problems in physics, chemistry, electrical theory, etc.

121 Advanced Calculus (3) I

Prerequisite: Los Angeles City College Mathematics 12 or equivalent.

Objectives include: (1) development of the foundations of calculus with a thoroughness impossible at earlier stages; (2) extension of the techniques and ideas of analysis into higher fields essential to more advanced or graduate work in the subject. Included are: review of fundamental processes, with extensions for heightened interest, fundamental theory, Taylor's formula and applications, partial differentiation, explicit and implicit, with careful attention to the underlying ideas.

122 Advanced Calculus (3) II

Prerequisite: Mathematics 121 or equivalent.

A continuation of Mathematics 121, the main topics being: complex numbers and vectors, advanced topics in differential equations, topics in integral calculus, introductory survey of functions of a complex variable.

130 Modern Algebra (3) II

Prerequisite: Mathematics 108.

An introduction to some of the principal concepts of modern algebra, including integral domains, groups, rings, and fields, as well as vector spaces and matrices.

131 Introduction to Mathematical Statistics (3) I

Prerequisites: Los Angeles City College Mathematics 12 or equivalent. (Mathematics 12 may be taken concurrently.)

A basic course in the theory and application of statistical methods. Theoretical and empirical frequency distributions of one or two variables. Large and small sample theory. Correlation.

132 Introduction to Mathematical Statistics (3) II

Prerequisite: Mathematics 131.

Nonparametric methods. Testing "goodness of fit." Testing statistical hypotheses. Design of experiments.

MOTION PICTURE

Clarence K. Sandelin, M.A., Associate Professor of English and Chairman of the Division of Language Arts and Literature

Alfred Ehrhardt, Ed.D., Assistant Professor of English

Grant E. Shepard, M.S., Assistant Professor of Drama

Thomas McGrath, M.A., Assistant Professor of English

Louis G. Gardemal, Ph.D., Assistant Professor of Radio and Television

Courses in Motion Picture are designed for three student groups:

Plan I.: Those who expect to teach the language arts.

Plan II.: Those who plan to qualify for careers in professional and educational motion picture.

Plan III.: Those who desire to study motion picture as a part of their general cultural development, or in preparation for graduate work at the university level.

Major advisers for Plan I: Ehrhardt, Greer, Trosper.

Major advisers for Plan II: Sandelin, Shepard.

Major adviser for Plan III: Sandelin.

Senior Survey

All majors in the various language arts must complete a comprehensive and integrative survey and examination during the final semester of their senior year. Since this survey and examination will be based on a reading list appropriate to the student's particular major, a fundamental pattern is established for the student's upper division work. Within the general framework of his own major, the student is encouraged to elect those courses which will be most valuable in covering unfamiliar areas, just as he is left free to avoid courses in those areas where he is already proficient. The ultimate purpose of this program is not to establish a severe academic requirement, but to provide a final summary of the main educational objectives toward which the student has been working throughout his work in the major field.

The survey class will meet for two hours each week during the first 14 weeks of the semester. The examination will be given during the 14th week. It will consist of a two-hour essay followed on the next day by a two-hour objective test. Students who pass this final comprehensive examination receive two units of credit which counts as a part of the motion picture major.

Students who are otherwise qualified to graduate, but who fail to earn a grade of "D" or better on the examination, may still receive their B.A. degree provided this failure in two units of work does not reduce their grade point average or total units below the graduation requirements.

Credential candidates must earn a grade of "C" or better on the examination in order to satisfy the major requirement for a credential. Any student who fails to earn a satisfactory grade on the examination may petition to repeat the examination at the next time it is offered. Credential candidates who pass the examination in one of these subsequent attempts will have satisfied that portion of the major requirement.

*Plan I**Requirements for the Teaching Major in Motion Picture*

No teaching major in motion picture is offered in 1950-51. Students who are interested in a credential major emphasizing motion picture are advised to consult the Language Arts section of this catalog where a composite teaching major including motion picture is described.

No teaching minor in motion picture is offered in 1950-51.

*Plan II and Plan III**Requirements for the Professional and Academic Majors in Motion Picture*

Requirements for the major in motion picture will be announced in the 1951-52 catalog. The several service courses listed below will be accepted as a part of any major program established.

No professional or academic minor in motion picture is offered in 1950-51.

COURSES OF INSTRUCTION

Graduate students may enroll in any motion picture course marked "graduate credit." To enroll for credit in any other undergraduate motion picture course, however, the graduate student must obtain prior approval from the course instructor and from the division chairman.

164 *Motion Picture in the School and Community* (2) I

Prerequisite: Junior standing.

Designed for Elementary and Secondary Credential candidates, teachers, and for parents. Emphasis on the social, psychological, and educational importance of motion pictures for children of elementary and high school age.

170 Educational and Documentary Films (2) II

Prerequisite: Junior standing.

Analysis and evaluation of form and purpose in standard types of films including narrative, dramatic, factual, incentive, problematic, rhythmic, therapeutic, and participative. Opportunity afforded student to trace films through all stages of actual production.

196A-B Television Film Production (6-6). Year course.

Not offered in 1950-51. Practical experience in the production of television films.

MUSIC

Grant O. Cook, Ed.D., Associate Professor of Music and Chairman of the Department

Lauris L. Jones, M.A., Assistant Professor of Music

Peter K. Page, M.A., Assistant Professor of Music

Jane Koehler Plank, M.A., Assistant Professor of Music

Alice E. Ray, M.A., Assistant Professor of Music

Francis Baxter, M.A., Assistant Professor of Music

Hugh Mullins, M.A., Assistant Professor of Music

_____, Assistant Professor of Music

_____, Assistant in Music

The Music Department offers upper division and postgraduate courses leading to the Bachelor of Arts Degree and the Special and General Secondary teaching credentials, with majors in voice, piano, orchestral instruments, conducting, theory and composition, and music history.

All new students majoring in music on the upper division level must present themselves during registration week for examination and classification in music theory, piano, and voice before their programs will be approved. Students with inadequate preparation may be required to take preliminary courses without credit.

Participation in one of the departmental musical organizations is required as a part of each semester's work. These organizations include the a cappella choir, orchestra, band and various instrumental and vocal ensembles.

Each student majoring in music is required to show competence in his major instrument or voice. Music majors are required to reach the level of Music 34D or Music 112D in piano. A practical piano examination will be given at the end of the junior year which should be preceded by four semesters of class piano or the equivalent in private study. No student will be admitted to practice teaching until this examination is passed satisfactorily.

All music majors are required to give a senior recital.

Requirements for a Nonteaching Music Major**Lower Division:**

Solfege	4 units
Harmony	6 units
Counterpoint	4 units
Piano (1 unit per semester)	4 units
Voice class (1 unit per semester)	2 units
Music History and Appreciation	4 units
Other units needed to meet the requirements for upper division standing (see General Requirements)	36 units
	<hr/>
	60 units

Upper Division:

Music 131A-B—History of Music in Western Civilization	6 units
Music 132A—History of Opera and Italian Opera <i>or</i>	
Music 132B—French and German Opera	2 units
Music 158A-B—Music Theory and Composition	6 units
Music 159A-B—Form Analysis	4 units
Music 160A-B—Orchestration and Arranging	4 units
Music 161A—Choral Conducting	2 units
Music 162A—Instrumental Conducting	2 units
Music 163A-B—Counterpoint	4 units
Music 167A <i>or</i> B—History and Literature of the Symphony Orchestra	2 units
Music 172A <i>or</i> B— <i>or</i> C <i>or</i> D Music History <i>or</i>	
Music 173A—Art Song <i>or</i>	
Music 173B—History and Literature of the Larger Choral Works	2 units
Electives	2 units
(Applied Music, Theory, Composition, or Music History.)	
Other courses necessary to make the total required for the bachelor's degree (see General Requirements)	28 units
	<hr/> 64 units

Requirements for a General Secondary Credential With a Music Major**Lower Division:**

(Same as requirements for a Non-Teaching Music Major.)

Upper Division:

Music 105A through E—Instruction in Orchestral Instruments	4 units
Music 109A-B—Elements of Vocal Techniques <i>or</i>	
Music 110A-B—Intermediate Voice <i>or</i>	
Music 130A-B—Advanced Voice	2 units
Music 131A-B—History of Music in Western Civilization	6 units
Music 132A—History of Opera and Italian Opera <i>or</i>	
Music 132B—French and German Opera	2 units
Music 158A-B—Music Theory and Composition	6 units
Music 159A-B—Advanced Formal Analysis	4 units
Music 160A-B—Orchestration and Arranging	4 units
Music 161A—Choral Conducting	2 units
Music 162A—Instrumental Conducting	2 units
Music 163A-B—Advanced Counterpoint	4 units
Music 167A <i>or</i> B—History and Literature of the Symphony Orchestra	2 units
Music 172A <i>or</i> B <i>or</i> C <i>or</i> D—Music History <i>or</i>	
Music 173A—Art Song <i>or</i>	
Music 173B—History and Literature of the Larger Choral Works	2 units
Education 193MuB—Choral Methods and Materials	2 units
Education 193MuC—Elementary Music Methods for Secondary Credential Candidates	2 units
Liberal Arts (in the teaching minor, unless the minor includes lower division social sciences or natural sciences)	10 units
Other courses necessary to make the total required for the General Secondary Credential (see General Secondary Credential listed under Education)	10 units
	<hr/> 64 units

Postgraduate Year:

Electives (in music)	6 units
Minor (if not already completed)	10 units
Education (including Education 193Mu, Education 193MuA, and Education 250)	14 units
	<hr/> 30 units

Requirements for a Special Secondary Credential With a Music Major

For list of specific course requirements for the Special Secondary Credential in Music see the Chairman of the Department of Music.

Minor Requirements

Competence in solfege, harmony, an instrument or voice, is required with a total of 20 units of work, of which 12 units must be in upper division courses (distribution determined by music advisor).

COURSES OF INSTRUCTION

101 **Double Mixed Quartet** (1) I, II

103A **Basic Music Theory** (2) I, II

Notation key signatures, chord building and sight singing. (Formerly Music 125.)

103B **Elementary School Music** (3) I, II

Prerequisite: Music 103A, or permission by examination.

Elementary methods; teaching of rote songs, music reading; listening and integration materials. (Formerly Music 103.)

105A-B **Stringed Instruments** (1-1). Year course.

Instruction in violin, viola, cello, and bass. Problems of tone production, right- and left-hand technique. Participation in beginning orchestra.

105C **Brass Instruments** (1) I, II

Class instruction in brass instruments. Correct embouchure, tone production and execution. Participation in beginning band or orchestra.

105D **Woodwind Instruments** (1) I, II

Class instruction in woodwind instruments. Correct embouchure, and tone production. Participation in beginning band or orchestra.

105E **Percussion Instruments** (1) I, II

Essential rudiments for snare drum. Tuning and technique in tympani playing. Introduction to other essential percussion instruments.

106A-B **Advanced Brass Instruments** (1-1). Year course.

Advanced class instruction in brass instruments. Problems of embouchure, technique, intonation, tone and style. Individual study and interpretation of solo literature.

107A-B **Advanced Woodwind Instruments** (1-1). Year course.

Advanced class instruction in woodwind instruments. Problems of embouchure, technique, intonation, tone and style. Individual study and interpretation of solo literature.

109A-B **Elements of Vocal Technique** (1-1). Year course.

The technique of voice production and study of song interpretation.

110A-B **Intermediate Voice** (1-1). Year course.

Class instruction in voice problems and repertory of intermediate grade.

112A-B-C-D **Class Piano Instruction** (1-1-1-1). Two-year course.

Problems of piano technique, sight reading and repertory. Introduction to keyboard harmony.

113A-B **Elements of Harmony for Teachers** (2-2). Year course.

Written and aural harmony, dictation and analysis, with keyboard application.

114 Class Piano for Music Education Majors (1) I, II

Prerequisite: Music 112C or Music 34C (see City College catalogue).

Application of harmonic principles to develop the key board facility demanded in the public schools; transposition, choral score reading, sight reading, improvisation of accompaniments and directing from the piano.

115A-B-C-D Band (1) I, II**119A-B Intermediate Harmony, Ear-Training and Sight-Singing (2-2). Year course.**

Review of diatonic harmony and elements of music writing. Melodic and harmonic dictation.

123 Music Appreciation Materials for Public School Use (2) I, II

Materials and methods for teaching general music and music appreciation; integration materials. Secondary and elementary level.

125 Junior High School Music Methods (2) II

General activities and materials suitable for an effective music program in the junior high school. Consideration of the problems of the changing voice, voice testing, and part singing. Evaluation of materials for vocal, instrumental and listening activities.

126 Kindergarten-Primary Music (2) I, II

Prerequisite: Music 103A or equivalent.

Consideration of music in relation to the growth needs of children; available music texts and song repertory; rhythms, rhythm bands and dramatic play.

127A-B String Ensemble (1-1) I, II

For the advanced student desiring to develop proficiency in ensemble work. Selection of appropriate music for public performance.

130B Advanced Voice (1-1). Year course.

Performance of art song, opera, and oratorio literature and the problems involved.

131A-B History of Music in Western Civilization (3-3). Year course.

An advanced survey course considering music in general culture; stylistic development of music with emphasis on its relationship to the history of the other arts. A: Medieval through Baroque, B: Pre-classical to modern.

132A History of Opera and Italian Opera (2) I

A history of opera from the 17th century and a study of the principal masterpieces of Italian opera.

132B French and German Opera (2) II

A study of the principal masterpieces of French and German opera with scores and recordings.

133 Dance Band Arranging (2) I, II**134 Dance Band (1) I, II****135A-B-C-D Orchestra (1) I, II****138 Music Laboratory (1) II****140 Music in Community Service (2). Not given 1950-51.**

Techniques of guidance for music teachers, community and institutional music leaders, and music consultants. Applied to public and private instruction, vocational groups, community music groups, playground, camp, etc.

142 Beginning Orchestra (1) I, II

148A-B Intermediate Piano (1-1). Year course.

Technical study and performance of a large repertory of standard piano literature.

154 Music Appreciation (2) I, II

A nontechnical course to acquaint the student with some of the most important music forms, periods, composers and compositions. Not open to music majors.

155A-B A Cappella Choir (1-1) I, II

Study and performance of standard choral works.

157 Acoustics (2). Not given 1950-51.

Refraction, diffraction, reflection, resonance, pitch, quality, beats, and beat tones. The acoustical basis of chords, intervals, and tonality. The design and construction of musical instruments. Acoustics in radio and architecture.

158A-B Music Theory and Composition (3-3). Year course.

Prerequisite: Music 8 or Music 119B.

A review of diatonic and chromatic harmony; melodic and harmonic dictation; chromatic alteration; and practical application to composition in elementary forms.

159A Introduction to the Analysis of Form in Music (2) I

The elements of form in homophonic music.

159B Advanced Formal Analysis (2) II

Prerequisite: Music 159A.

Analysis of form in polyphonic and larger homophonic musical forms.

160A-B Orchestration and Arranging (2-2). Year course.

The theory and practice of writing for instrumental ensembles. The study of orchestral scores and an introduction to symphonic orchestration.

161A-B Choral Conducting (2-2). Year course.

Principles of choral conducting; problems of choral organization.

162A-B Instrumental Conducting (2-2). Year course.

The theory and practice of conducting instrumental organizations.

163A Counterpoint (2) I

Prerequisite: Music 17.

A study of 18th century counterpoint in the various species and through four-part writing. The use of clefs in transposition and part writing. Motive development. Two- and three-part inventions.

163B Advanced Counterpoint (2) II

Prerequisite: Music 163A.

Invertible counterpoint, canon and fugue. Introduction to linear counterpoint.

166 Orchestration (2) I, II

A one semester course dealing with principles and practice in arranging for instruments in various combinations and for full orchestra and band. Designed for candidates for the Special Secondary Credential only; to replace 160A-B.

167A-B History and Literature of the Symphony Orchestra (2-2). Year course.

A: Historical development of symphonic forms; masterpieces of symphonic literature from pre-classic through Beethoven; study of scores and recordings.

B: Masterpieces of symphonic literature from Schubert to the present; romantic and contemporary tendencies in developments of form; study of scores and recordings.

168A-B Composition (2-2). Year course.

Prerequisite: Music 158B.

Composition in small and large forms with parallel analysis.

169A-B Harmonic Analysis (2-2). Year course.

Prerequisite: Music 158B.

Study of harmonic styles of various composers and an analysis of the symphonies of Beethoven, Brahms and Tschaiikowsky through scores and recordings. May be taken concurrently or following Music 158B.

170 Keyboard Harmony (2) II

Study of chord progressions, modulation and transposition. Harmonization of melodies at sight and improvisation. (Formerly Music 173.)

171A-B Opera Workshop (1-1) I, II

Problems of opera production; presentation of typical operatic ensembles and scenes. Open to qualified singers.

172A Piano History and Literature (2) I

Survey of pre-piano and piano literature; changes in keyboard technique and style. Representative piano literature performed and analyzed.

172B Chamber Music History and Literature (2) II

Development of forms and survey of the literature for string quartets, trios, quintets, and other small combinations. (Formerly Music 172A.)

172C Contemporary Music (2). Not given in 1950-51.

Techniques, tendencies, composers and representative compositions of the 20th century. (Formerly Music 201.)

172D American Music (2). Not given in 1950-51.

American music from colonial times to the present; brief survey of Latin American music.

173A Art Song (2) I

Study of representative art-song literature of the 19th and 20th centuries; from scores and recordings. (Formerly Music 172C.)

173B History and Literature of the Larger Choral Works (2) II

Study of typical oratorios, masses, and other large choral works by means of scores and recordings. (Formerly Music 172B.)

174A-B Advanced Piano (2-2). Year course.

Advanced repertory and interpretive coaching for public performance, with consideration of materials selected from the different periods of musical composition.

175A-B Piano Ensemble (1-1). Year course.**176A-B Piano Methods and Materials (2-2) I, II****200 Problems of Instrumental Instruction (2) I**

Open only to advanced students. A consideration of problems in teaching and supervising instrumental music.

201 Physiology of Vocal and Instrumental Performance (2) II

The physiology of the complete singing mechanism and the correct use of the diaphragm for tone support in voice and instrumental performance.

202 Aesthetics of Music (2). Not given in 1950-51.

General principles of aesthetics and their application in the art of music. The development of musical judgment and appreciation.

- 203A-B Advanced Composition and Analysis (2-2).** Year course.
Free composition in all the vocal and instrumental forms.
- 204A-B Advanced Orchestration and Arranging (2-2).** Year course.
Specialized work in arranging for ensembles including the symphonic band and standard symphony orchestra.
- 205 Advanced Voice Problems and Repertory (2) I**
Application of the principles of singing and voice production through the study of standard song literature.
- 206A-B-C Advanced Orchestral Instruments (2-2-2) I, II**
String, woodwind and brass ensemble instruction for qualified advanced students.
- 207 Introduction to Graduate Study (2).** Not given in 1950-51
Basic bibliography, literature and research techniques useful in graduate music study.
- 208A-B Advanced Conducting and Interpretation (2-2).** Year course.
Practical training for students who have had considerable study and experience with instrumental organizations and choral groups.
- 209 Music of the Baroque Period (2).** Not given in 1950-51.
Styles, forms, composers and compositions from the early Baroque through the works of J. S. Bach.
- 210 Music of the Classical and Pre-classical Period (2).** Not given in 1950-51.
Styles, forms, composers and compositions of pre-classical and classical masters of the 18th century.
- 211 Music of the Romantic Period (2) I**
From the dawning of the romantic period to the late 19th century; symphony, romantic opera, art song, tone-poem.
- 212 Music of the 20th Century (2).** Not given in 1950-51.
Contemporary trends and techniques; representative works by Debussy, Ravel, Stravinsky, Hindemith, Bartok, Choenberg, and others.
- 213 Psychology of Music (2).** Not given in 1950-51.
A study of music as it relates to human experience. The mental processes involved in music. Analysis of talent in music and an evaluation of tests and measurements as these apply in the study of music history, appreciation, and theory.
- 214 Thesis (2).** Not given in 1950-51.
- 120 or 220 Studio Lessons in Instrumental Music or Voice (1-1) I, II**
Private studio lessons with approved instructors. Special fee.

NURSING

Rebecca C. Bosworth, R.N., M.S., Chairman of the Department
Freda E. Gooding, R.N., B.S., Lecturer
Evelyn Shattuck, R.N., M.S., Lecturer

The curriculum in nursing as offered by the Los Angeles State College of Applied Arts and Sciences fulfills the requirements for the degree of Bachelor of Arts with a major in nursing and a minor in either psychology or social science and for a certificate in nursing as outlined by the Board of Nurse Examiners of the State of California.

The program of study includes three semesters in the pre-nursing field of a junior college, followed by three years' enrollment in an affiliated hospital. The

Hospital of the Good Samaritan and the Hollywood Presbyterian Hospital have applied and been approved for affiliation by the State Department of Education.

Students who enroll in the Fall of 1950 should include the following courses in their curriculum (see below). Those students who enroll following the Fall of 1950 should add to their curriculum Physical Education (1 unit), Health, or equivalent (2 units), Speech (2-3 units), and Literature, Philosophy or the Arts (6 units). Those desiring to follow the nursing curriculum should consult the chairman of the nursing department of the Los Angeles State College of Applied Arts and Sciences and the Educational Director of the affiliated hospital.

Requirements for a Major in Nursing

Lower Division: (See Los Angeles City College catalogue)

English 1, 2—Reading and Composition	6 units
Psychology 21—Introduction to Psychology	3 units
Sociology 1, 2—Introductory Sociology	6 units
Chemistry 9—General Applied Chemistry	5 units
Microbiology 5—Elements of Public Sanitation	1 unit
Microbiology 21—General Microbiology	4 units
Anatomy 20—General Human Anatomy	5 units
Physiology 1—General Physiology	5 units
History 10—History of the United States	2 units
Political Science 10—American Political Institutions	2 units
Home Economics 32—Nutrition and Cookery	3 units
Home Economics 34—Diet Therapy	3 units
Nursing 40—Mathematics of Drugs and Solutions	3 units
Nursing 41—Pharmacology and Therapeutics	3 units

Upper Division:

Nursing 100A-B—Professional Adjustments	3 units
Nursing 101—Medical-Surgical Nursing	5 units
Nursing 102—Medical-Surgical Nursing	5 units
Nursing 103—Pediatric Nursing	4 units
Nursing 105—Medical-Surgical Specialties	5 units
Nursing 104—Psychiatric Nursing	2 units
Nursing 106—Tuberculosis Nursing	3 units
Nursing 107—Obstetrical Nursing	2 units
Nursing 108—Survey of Public Health Nursing	3 units
Nursing 110—Social work Methods and Nursing	2 units
Nursing 111—Principles of Nursing Education	2 units
Nursing 116—Nursing Arts	6 units
Education 110—Educational Psychology	3 units

Minor Requirements

Twelve units, at least six of which are upper division. Upper division courses may be selected from the following list of courses to complete 124 units with a minor in Psychology or Social Science:

Education 102—Growth and Development	2 units
Psychology 108—Mental Hygiene	2 units
Psychology 110—Abnormal Psychology	3 units
Psychology 112—Child Psychology	2 units
Sociology 156—Fields and Trends in Social Work	3 units
Sociology 170—Introduction to Social Case Work	3 units
Nursing 112—Nutrition in Family Health Service	2 units
Nursing 113—Adult Health and Morbidity Nursing	2 units
Nursing 114—Development and Principles of School Nursing	2 units
Nursing 115—Individual and Family Welfare	2 units

COURSES OF INSTRUCTION

100A Professional Adjustments (1) I

Prerequisite: Enrollment in affiliated hospital school.

Presents to the entering student an orientation to professional nursing and assists in ethical adjustment to environment.

100B Professional Adjustments (2) II

Prerequisites: Nursing 100A and enrollment in affiliated hospital school.

Presents to the senior student professional organizations, survey of the field, and professional and personal adjustments to contemporary nursing.

101 Medical-Surgical Nursing (5) I

Prerequisite: Enrollment in affiliated hospital.

Orients the student to medical science, general medical and surgical conditions and community nursing. Gives overview of causes and manifestations underlying pathology, diagnosis and treatment, prevention and control of disease.

102 Medical-Surgical Nursing (5) II

Prerequisite: Nursing 101 and enrollment in affiliated hospital school.

A continuation of general medical and surgical nursing with emphasis on the social aspects of illness and further integration of community nursing. Covers the study of conditions of the gastro-intestinal, liver and biliary, circulatory, endocrine and respiratory systems.

103 Pediatric Nursing (4)

Prerequisite: Enrollment in affiliated hospital school.

Physical and mental development of normal children including their care and feeding. Common diseases of infancy and childhood, preventive measures and medical and nursing care.

104 Psychiatric Nursing (2)

Prerequisite: Enrollment in affiliated hospital school.

Principles of mental hygiene and the etiology, symptomatology, treatment, special therapy, and nursing care of the more common types of mental diseases.

105 Medical-Surgical Specialties (5)

Prerequisites: Nursing 101, Nursing 102 and enrollment in affiliated hospital school.

A continuation of medical and surgical nursing and community nursing with special reference to conditions of the nervous system, skin, eye, ear, nose and throat, urinary and musculo-skeletal diseases and gynecology.

106 Tuberculosis Nursing (3)

Prerequisite: Enrollment in affiliated hospital school.

The medical and social aspects of tuberculosis, including control programs, nursing measures and rehabilitation.

107 Obstetrical Nursing (2)

Prerequisite: Enrollment in affiliated hospital.

Principles of normal and abnormal aspects of pregnancy, labor, delivery, and puerperium with nursing care of mother and newborn.

108 Survey of Public Health Nursing (3)

Prerequisite: Registered nurse or enrollment in affiliated hospital school.

A survey course designed to acquaint the student with public health history, administrations, and programs. Emphasis is placed on public health nursing.

110 Social Work Methods and Nursing (2)

Prerequisites: Registered nurse or enrollment in affiliated hospital school.
An introduction to the study of the field of social work and its relations to that of nursing.

111 Principles of Nursing Education (2)

Prerequisites: Registered nurse or enrollment in affiliated hospital school.
An introduction to Nursing Education for those who plan to enter the field of administration or teaching in schools of nursing. Emphasis is placed on the application of Nursing Education to clinical programs.

112 Nutrition in Family Health Service (2)

Prerequisites: Home Economics 32, Home Economics 34 or equivalent. Registered nurse or enrollment in affiliated hospital school.

Nutrition and food service problems presented by families in moderate and low income groups. Special consideration is given to meeting the various age and dietary needs within the family group, to the problems of food purchasing, and to the adaptation of both American and foreign food habits to meet good nutritive standards. Covers the content of H.E. 112 UCLA.

113 Adult Health and Morbidity Nursing (2)

Prerequisite: Registered nurse or enrollment in affiliated hospital school.

114 Development and Principles of School Nursing (2)

Prerequisite: Registered nurse or enrollment in affiliated hospital school.

115 Individual and Family Welfare (2)

Prerequisite: Registered nurse or enrollment in affiliated hospital school.

116 Nursing Arts (6)

Prerequisite: Enrollment in affiliated hospital school.

Principles and practice of elementary procedures used in giving nursing care to patients. Includes personal hygiene, preservation of health, and prevention of disease. Nursing care is practiced in the classroom and in the patients unit. (Formerly Nursing 110.)

PHILOSOPHY

Raymond A. Rydell, Ph.D., Associate Professor of History and Chairman of the Division of Social Science

James B. Wilson, Ph.D., Associate Professor of Philosophy and Sociology

Requirements for a Minor in Philosophy

Twelve units, at least six of which must be upper division.

COURSES OF INSTRUCTION**104 Ethics (3) I**

The historical and scientific backgrounds of morality. Theories of the highest good. Ethical ideals of some of the world's major religions. Problems of personal and social morality.

110 Types and Problems (3) I, II

An examination of the basic types of philosophy such as materialism, naturalism, idealism, pragmatism, and realism. Considerable attention is given to certain major problems, including the following: Space-time and relativity, the relationship of science to philosophy, human freedom, the nature of knowledge, ethics, aesthetics, belief in God, and the implications of philosophy for the contemporary social scene. (Formerly Philosophy 100.)

138 **Comparative Religions (3) II**

Prerequisite: Consent of the instructor.

A comparative study of the world's living religions: Buddhism, Confucianism, Judaism, Christianity, Islam, and others. Special attention is devoted to their concept of deity, the immortality of the soul, methods of salvation, and the influence of environment and culture upon their beliefs.

HEALTH, PHYSICAL EDUCATION, AND RECREATION

Ferron C. Losee, M.S., Associate Professor of Physical Education and Chairman of the Department

Frances E. Cake, Ph.D., Associate Professor of Physical Education

Saxon C. Elliott, M.S., Associate Professor of Physical Education

_____, Associate Professor of Physical Education

Felix J. Jumonville, Jr., M.S., Assistant Professor of Physical Education

Marguerite Mochel, Ph.D., Assistant Professor of Physical Education

Warren E. Reeves, M.S., Assistant Professor of Physical Education

_____, Assistant Professor of Physical Education

_____, Assistant Professor of Physical Education

It is the purpose of this department to help prepare students for leadership positions which necessitate knowledge and ability in health education, physical education, and/or recreation. The several plans outlined below lead, as designated, to:

1. A bachelor's degree with a major or minor in physical education.
2. A bachelor's degree with a special secondary credential in physical education.
3. A major or minor in physical education for the general secondary credential.
4. A bachelor's degree with a major or minor in recreation.

Students who plan a major or minor in physical education should complete the lower division requirements designated before seeking admission into the upper division program. Admission to a professional program in physical education must meet the approval of the department.

Requirements for a Nonteaching Major in Physical Education

For those graduating on or before September, 1951, see General Requirements (page 31). For those graduating thereafter, the requirements are as follows:

Lower Division (See Los Angeles City College catalog):

Social Studies—Hist. 10, Pol. Sci. 10, Soc. 1	7 units
Natural Sciences—Bio. 25, Chem. 3, Anat. 25, Physio. 1	13 units
Literature, Arts or Philosophy	6 units
General Psychology	3 units
Physical Education—One semester of at least one activity from each of the following groups: (a) aquatics, (b) individual or dual sports, (c) team sports, (d) rhythmic activities	4-6 units
Health Education—Phys. Ed. 10 or 44	2-3 units
Oral and Written Expression—Speech 3, and Speech 7 or 8, English 1 and 2	12 units
Minor	6 units
Other units needed to meet the requirements for upper division standing (see General Requirements)	4-7 units
	<hr/> 60 units

Upper Division:

Social Studies—Electives	2 units
A major in Physical Education composed of the following:	
Physical Education 145 and 144	4 units
Physical Education 132	2 units
Physical Education 125, 126, 127, 133, 134, 135	6-10 units
Physical Education 114, 116, 117	8 units
Physical Education 150	2 units
Physical Education 175B	2 units
Education 130	2 units
Physical Education 120, 115, 161, 200	4-8 units
Physical Education activity	2 units
Education 193PE	2 units
Limited Electives: Ed. 102, Ed. 110, Ed. 147, Psych. 108, Soc. 102	6 units
Other courses necessary to make the total required for a bachelor's degree (see General Requirements)	14-22 units
	64 units

*Requirements for a Nonteaching Minor in Physical Education***Lower Division:**

Physical Education activity	4-6 units
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Upper Division:

Consent of the department and 6 units of upper division courses, 2 of which must be selected in methods, 2 in scientific, and 2 in recreation courses offered by the department.

Requirements for a Special Secondary Credential in Physical Education

For list of specific course requirements for the special secondary credential in physical education see the chairman of the Physical Education Department.

Requirements for a General Secondary Credential With a Major in Physical Education

Lower Division: Requirements similar to those in the program leading to a bachelor's degree with a major in physical education. Unless the student plans to use social studies as a minor, all 12 units required for the degree may be taken in lower division.

Upper Division:

Education 170	3 units
Education 102 or Psychology 113	2-3 units
Education 110	3 units
Education 147	2 units
Education 107	3 units
Education 109	2 units
Education 130	2 units
Major in Physical Education	34-40 units
P.E. 144 and 145	4 units
P.E. activities including lower division units (selected to include at least 2 team sports, 2 individual or dual sports, 1 rhythmic activity, and 1 unit of aquatic courses)	6 units
P.E. 117 (Required for men; may be taken by women)	2 units
Education 193PE and P.E. 121AB and/or P.E. 131AB	4-6 units
P.E. 125, 126, 127, 133, 134, 135	6-10 units
P.E. 114 and 116	6 units
P.E. 132	2 units
P.E. 150	2 units
P.E. 115	2 units

Upper Division—Continued

Electives: P.E. 140, 161, 175B, 200.....	2-8 units
Other courses necessary to make the total required for the general secondary credential (see General Requirements).....	4-5 units
	<hr/> 124 units

Postgraduate Year:

Education 250—Directed Teaching *.....	6 units
Psychology 108.....	2 units
P.E. 200, 210, 220.....	6 units
Minor.....	8 units
Electives.....	8 units
	<hr/> 30 units

*Requirements for a Teaching Minor in Physical Education***Lower Division:**

Physical Education Activity.....	4-6 units
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Upper Division:

Physical Education 117 (for men—may be taken by women).....	2 units
Electives in upper division physical education to include 2 units in methods, 2 units in scientific and 2 units in recreation courses offered by the department. Additional units to total.....	20 units
	<hr/> 28 units

* Education 250—Any physical education major student who plans to complete only the minimum residence requirement of 24 semester units at Los Angeles State College must have completed at least 12 semester units of work in the Department of Physical Education at this college. To become a candidate for directed teaching, a student must provide an up-to-date transcript of his college courses, have a cumulative grade point average of 1.5, and the department's approval.

Recreation

Through the assistance of a representative group from the recreational agencies in the Los Angeles area, the Los Angeles State College of Applied Arts and Sciences has set up a major and a minor in recreation. The courses are designed to meet the needs of students who wish to qualify for recreational leadership and employment in this field. The department draws on the Department of Fine Arts, Music, Speech, Journalism, Botany, Sociology, Audio-Visual, and others.

In addition to the major and minor programs leading to a bachelor's degree, the college offers an in-service training program designed to meet the particular needs of those already in the field. This phase of the recreation program is especially flexible and changes according to the needs, as indicated by a survey each semester.

*Requirements for a Major in Recreation***Lower Division (See Los Angeles City College catalog):**

English 1 and 29.....	6 units
Speech 7 or 8.....	3-3 units
Drama 1.....	3 units
History 11 and 12.....	6 units
Biology 25.....	3 units
Additional Science.....	9 units
Music 4.....	3 units
Sociology 1.....	3 units
Physical Education activity, one unit of which must be in aquatics.....	4 units
Physical Education 7, 18A (men), 21, 24A (women), 25, 27.....	9 units
Physical Education 10 or 44.....	2-3 units
Psychology 21.....	3 units
Other units needed to meet the requirements for upper division standing (see General Requirements).....	8-9 units
	<hr/> 60 units

Upper Division:

Psychology 108	2 units
Music 103	2 units
Sociology 102	3 units
Nature Study 118 and 120	6 units
Education 102 and 147	4 units
Political Science	3 units
Physical Education	30 units
P.E. 125, 131AB, 132, 140 or 188, 161, 162, 175AB, 176AB, 177 and 189	
Physical Education activity	2 units
Free and limited electives	23 units

Limited Electives: 6 units from the following courses:

- Art 102A or B, 101A
- Drama 169A or B, 185B
- Speech 111
- Physical Education 127
- Physical Education activities

Recommended Electives:

- Accounting 2, Art 101A or B, Education 110, 130, 176, Music 123,
- Political Science 163, Psychology 145, Sociology 148, Physical
- Education 160, 178, 145, 117, 144

124 units

Requirements for a Minor in Recreation

Six units in upper division courses in physical education-recreation.

COURSES OF INSTRUCTION**100 Varsity Athletics**

Counts as activity credit as follows:

- 100A Baseball (1) II (Formerly P.E. 110)
- 100B Basketball (1) I
- 100C Football (1) I
- 100D Track and Field (1) II (Formerly P.E. 112)
- 100E Water Polo (1) I
- 100F Cross Country (1) I
- 100G Wrestling (1) I
- 100H Golf (1) II
- 100I Tennis (1) II
- 100J Bowling (1) II
- 100K Swimming (1) II

101 Advanced Aquatic Skills (1) I, II**102 Advanced Tennis Skills (1) I, II****114 Kinesiology (3) I**

Prerequisite: Human Anatomy

Analysis of joint and muscular action in relation to movement; application of the basic principles of mechanics to efficiency of performance in a variety of selected physical education activities. (Formerly P.E. 138.)

115 Corrective Physical Education (2) I

Prerequisites: Human Anatomy, Kinesiology

Administration of group and individual exercises for the prevention and correction of various functional disorders and structural defects; laboratory practice. (Formerly P.E. 167.)

116 Physiology of Activity (3) I

Prerequisite: Physiology

Effects of various types of physical activity upon the circulatory, respiratory, and other physiological processes. How skill, endurance, fatigue, training, and related factors affect athletic performance. (Formerly P.E. 139.)

117 Prevention and Care of Athletic Injuries (2) II

Prerequisites: Human Anatomy, Physiology, Physiology of Exercise, First Aid

Conditioning for the prevention of injuries; techniques of massage, bandaging, and taping; immediate care of injuries; methods of recovery treatment. (Formerly P.E. 157.)

120 Physical Education in Elementary Schools (3) I, II

Physical education in the elementary schools; program organization and activities.

121A First Aid (1) I

Standard and advanced Red Cross first aid.

121B Water Safety (1) I

Red Cross senior lifesaving.

125 Methods of Teaching Square and Round Dance (2) II

Techniques and materials for teaching and calling square and round dances.

126 Methods of Teaching Modern Dance (2) II

Prerequisites: Elementary Modern Dance, or permission of instructor

Techniques and organization of teaching modern dance in the elementary and secondary schools; history, philosophy, principles, composition. (Formerly P.E. 147.)

127 Methods of Teaching Social Dance (2) I

Techniques and materials for teaching the basic steps of the waltz, fox trot, tango, samba, and other current popular dances.

131A First Aid for Instructors (1) II

Prerequisite: Current Red Cross certificate in advanced first aid

American Red Cross course which qualifies instructors in first aid.

131B Water Safety for Instructors (1) II

Prerequisite: Current Red Cross certificate in senior lifesaving.

American Red Cross course which qualifies instructors in water safety.

132 Methods in Teaching Individual Sports (2) II

Organization and techniques of teaching individual and dual sports. (Formerly P.E. 153.)

133 Methods of Coaching Football and Basketball (2) I

Prerequisite: Football and basketball activity, or permission of instructor

Techniques of coaching; organization of practice; handling of players; principles of competition; systems of offense and defense; purchase and care of equipment.

134 Methods of Coaching Track and Field and Baseball (2) II

Prerequisite: Track and field and baseball activity, or permission of instructor

Problems involved in coaching track and field and baseball; methods of coaching skills and techniques of baseball, track, and field events; laboratory practice.

135 Methods of Coaching Tennis and Swimming (2) II

Prerequisite: Tennis and swimming activity, or permission of instructor

Problems involved in coaching tennis and swimming; methods of coaching skills and techniques of competitive tennis and laboratory practice.

- 140 **School Camping and Outdoor Education (2) I**
Aims, organization, administration, and program of the school camp. (Formerly P.E. 106.)
- 144 **Organization and Administration of Physical Education and Athletics (2) II**
Administrative policies, selection of staff; construction and use of facilities; class organization, finances and budgeting; purchase and care of equipment; publicity (Formerly P.E. 166.)
- 145 **History and Principles of Physical Education (2) I, II**
Background and development of present-day problems, issues, and controversies in the field of physical education.
- 150 **School Health Education (3) I, II**
Prerequisite: Physical Education 10, Physical Education 44, or the equivalent
Responsibilities of the classroom teacher in school health education program. Cooperation with medical services, provision of healthful classroom environment, health instruction.
- 160 **Festival and Pageants (2) I**
The function of, and planning for, festivals and pageants in the community and private recreation programs. (Formerly P.E. 102.)
- 161 **Social Recreation Leadership (2) I**
Leadership techniques in the various social phases of recreation. (Formerly P.E. 103.)
- 162 **Arts and Crafts in Recreation (2) I, II**
A working knowledge of a few basic crafts and familiarity with others. Acquaints students with the tools, materials, and program possibilities in arts and crafts. (Formerly P.E. 104.)
- 175A **Organization and Administration of Recreation (2) I**
The organization and administration of recreation on the federal and state level. Attention is given to legislative provision, governmental control, financing, personnel, etc. (Formerly P.E. 151A.)
- 175B **Organization and Administration of Recreation (2) I, II**
The organization and administration of recreation on the local level. Attention is given to municipal control, financing, budgets, personnel, and the departmental organization and administrative practices. (Formerly P.E. 151B.)
- 176A **Directed Leadership in Private Recreation Agencies (3) I, II**
Supervised experience in recreational programs.
- 176B **Directed Leadership in Public Recreation Agencies (3) I, II**
Supervised experience in recreational programs.
- 177 **Public Relations in Recreation (2) I**
Public relations techniques such as the use of radio, television, films, exhibits, correspondence, public talks, reports, office courtesies, etc. (Formerly P.E. 105.)
- 178 **Industrial Recreation (2) II**
The fundamental techniques of organization and general program planning for recreation in industry. (Formerly P.E. 107.)
- 179 **Organization and Administration of Club Activities (2) I**
Techniques in the organization and general program planning for recreation in club activities. (Formerly P.E. 108.)

187 Dance in Community Recreation (2) I

Conduct of community dancing including advanced techniques in round, square, and social dances.

188 Camp Leadership (2) II

Techniques of camp counseling and leadership, some program content and visits to nearby camps. (Formerly P.E. 185.)

189 Philosophy of Recreation (2) I, II

The interpretation of recreation as a basic part of the living process, its importance in individual, community and national life. Its social and economic significance and the growing demands of the leisure time problems. (Formerly P.E. 150.)

200 Tests and Measurements in Physical Education (2) I

Prerequisites: Education 109 and permission of instructor

Tests of anthropometry, organic function, native physical capacity, achievement, and knowledge; their uses in the physical education program. (Formerly P.E. 168.)

210 Supervision of Physical Education (2) I, II

Prerequisite: Bachelor's degree

History, philosophy, principles and techniques of supervising physical education in the elementary and secondary schools; professional qualities and preparation of supervisors. (May be taken only in graduate level.) (Formerly P.E. 156.)

220 Administration of Health Education (2) I

Prerequisites: Physical Education 150, 151, or permission of the instructor

Bases for organization, content, and appraisal of a school health education program. (Formerly P.E. 155.)

Directed Teaching (4-6) I, II (See Education 250)

Observation and participation in classroom, gymnasium, and playground activities under the guidance of a college supervisor and a directing teacher.

PHYSICAL SCIENCE

Osman H. Cady, Major Adviser for Physical Science

Courses in physical science are designed for two student groups:

Plan I: Those who expect to teach physical science.

Plan II: Those who expect to earn a bachelors' degree in order to prepare for employment in the nonteaching scientific fields.

Plan I**Requirements for a General Secondary Credential With a Major in Physical Science**

Candidates for a general secondary credential with a major in physical science should consult their advisers. This major is twofold in nature, consisting of a heavier concentration in physical sciences and a lighter concentration in life or general science.

Lower Division:

Major must contain lower division courses in physics and chemistry or general physical science, life science or biology, not to exceed 24 units.

Upper Division:

Major must include one course from each of the upper division fields of chemistry and physics to make up the remainder of the total of 36 units required. Six units of the 36 must be taken in the postgraduate year.

Minor Requirements

The physical science minor consists of 20 semester hours in lower and/or upper division. This minor must include work in chemistry and physics or general physical science, and the biological sciences. At least 6 units must be in upper division.

NOTE: For the required professional courses in education for the General Secondary Credential see General Secondary Credential listed under Education.

*Plan II**Requirements for a Nonteaching Major in Physical Science*

At present a complete major in physical science is not available. See your adviser in this field for aid in arranging a program.

Minor Requirements

A minor in physical science is available. See your adviser in this field for aid in selecting most valuable courses.

COURSES OF INSTRUCTION

ASTRONOMY

Astronomy 105 History of Astronomy (3) II

A study of the more important astronomical concepts and problems from the standpoint of their historical development and the contributions of great astronomers.

BACTERIOLOGY

Microbiology 103 Filterable Viruses (2) II

Prerequisite: General microbiology or consent of instructor.

Bacteriology, immunology, and transmission of the infectious disease of man and animals. Laboratory diagnosis of bacterial diseases is emphasized

Microbiology 105 Filterable Viruses (2) II

A survey course of the virus and rickettsial diseases of man and animals. Lecture and demonstrations.

BOTANY

Botany 103A-B Plant Classification (3-3)

Prerequisite: One lower division course in botany.

103A: A study of the classification of Pteridophytes and Gymnosperms.

Provides information about the local native and cultivated plants which is especially valuable to the teacher of biology and nature study.

103B: Similar but concerns classification of the Angiosperms.

Lecture one hour; laboratory six hours.

Botany 108 Plant Ecology (3) II. Not offered in 1950-51.

Prerequisite: Botany 1 or equivalent.

The plant in relation to its environment. Local conditions are stressed, and a major part of the work is done afield. Gives teachers and others a clear picture of the flora of the region. Lecture one hour; laboratory six hours.

Botany 109 Plant Geography (3) I, II

Prerequisite: One previous course in biological sciences.

A study of the floras of the world with emphasis on the principles and problems of their development. Local flora and conditions will be stressed. Lecture three hours.

Botany 110 Plant Physiology (4) I. Not offered in 1950-51.

Prerequisite: Botany 1 or equivalent.

A study of the functions of plants. The acquisition of raw materials and energy, manufacture of food and other substances, water relations, respiration, and growth. Lecture two hours; laboratory six hours.

Botany 111 Economic Plants I, II (3)

A study of the economic plants of the world with particular emphasis on local conditions. A survey course important to students in business and economics, as well as in biology and education. Lecture three hours.

Botany 199 Special Studies in Botany (1-4)

Admission by consent of the instructor.

Individual problems for students capable of doing independent study. Credit and hours to be arranged.

CHEMISTRY

Chemistry 106 Organic Chemistry (3) I, II

Prerequisite: Chemistry I.

This course includes a general survey of the aliphatic and aromatic compounds.

Chemistry 107 Organic Chemistry Laboratory (3) I, II

Prerequisites: Chemistry 1 and 2 with grades of at least "C."

Laboratory assignments in organic chemistry.

Chemistry 108 Biochemistry (4) I, II

Prerequisite: Chemistry 106 and 107.

A study of carbohydrates, fats, proteins, enzymes and vitamins, with special reference to the nutrition of the living cell.

Chemistry 109 Biochemistry (2) I, II

A continuation of Chemistry 108. Special emphasis is placed on the analysis of body fluids and tissues.

Chemistry 110 Survey of Physical Science (3) I, II

No prerequisites.

An overview of the chief branches of the physical sciences as applied to modern living. Not open to students with more than one year of college science.

Chemistry 112 Organic Analysis (3) II

Prerequisites: Chemistry 5 with grade of at least "C" and Chemistry 106 and 107.

Preparation and identification of organic compounds.

GEOGRAPHY

Geography 110 Climatology (3) II (See Geography 110 course description on page 82)**Geography 115 Physical Geography (3) I (See Geography 115 course description on page 82)****Geography 161 Conservation of Natural Resources (3) I, II (See Geography 161 course description on page 82)**

GEOLOGY

Geology 102 Physiography (3) I, II

Identification and study of the surface features of the earth and their meaning.

Geology 110 Economic Geology (3) I, II

Source and distribution of economically important metallic and nonmetallic mineral deposits.

NATURE STUDY

Nature Study 110 Physical Science Activities (3)

Experience and collections in functional aspects of geology, meteorology and astronomy. Field work in collecting rocks, studying stars, making weather observations, examining soil types and erosions, and making topographic, star and weather maps. Designed especially for teachers and recreation leaders. Two lectures; two laboratory or field.

Nature Study 118 Everyday Nature (3) I

What the school, home and urban environments offer for science studies in all levels of education. Projects, field trips, and laboratory utilized in studying the educational value of domestic and wild plants and animals. Great biological and physical principles discovered in the city expressed in seasons, weather, soil, environments, and living things. Two lectures; two laboratory or field.

Nature Study 120 Nature in California (3) II

California nature and its effect on man. Specific acquaintance with birds, mammals, native vegetation and major associations is gained by laboratory study and wide-ranging field trips through Southern California. Two lectures; two laboratory or field.

Nature Study 125 Science Materials (3) I, II

The collection, preservation, manufacture, exhibit and use of science materials, including the maintenance of living things. Laboratory used for acquiring and observing necessary skills in handling science materials. Two lectures; two laboratories.

Nature Study 126 Science Materials (2). Not offered in 1950-51

Same content as Nature Study 125, but without the emphasis upon acquiring laboratory skills. Two lectures; demonstration.

Nature Study 127A-B. Nature Recreation and Leadership (2-2). Year course.

An effort is made to become aware of natural interests that find satisfaction in the outdoor world; to recognize the deeper aesthetic, spiritual, historical meanings to be found in nature; to know the specific objects and areas suitable and the techniques needful for successful recreational use of the environment. Two lectures.

Nature Study 127A: Lectures on the theory involved.

Nature Study 127B: One lecture hour and two laboratory periods a week devoted to practice. Individual and group projects, field trips to play areas.

Nature Study 130 Regional Excursions (1)

Distant trips for comprehensive field study of such special environments as desert, brushland, woodland, forest, and shore line. Designed for broad and practical experience such as travel and field study provide in the company of specialists. Five days.

Nature Study 141 Conservation of Wild Life (2)

Orientation in current problems and basic needs of wild life. Human interest and values. How man and wildling can live together. Conservation practice and education.

Nature Study 145 Marine and Shore Life (3) I

Observation and study of life along bays, shores and pools. Maintenance of small tanks of live specimens in the laboratory. Preparation and display of specimens. Saturday trips.

PHYSICS**Physics 110 Modern Physics (3) I, II**

An introduction to the basic principles of modern particle physics and electronics. The approach is nonmathematical and stresses accurate understanding of the basic concepts. An enlightening course for the teaching majors. Lecture and demonstrations.

ZOOLOGY**Zoology 105 Mammalian Embryology (4) I**

A survey of the development of the mammal from egg to foetus with laboratory studies of rat and pig embryos. Histogenesis and organogenesis, and physiology of the reproductive tract. Lecture two hours; laboratory six hours.

Zoology 106 Comparative Vertebrate Anatomy (4) II

Prerequisite: Zoology 1 and 2 or equivalent.

The anatomical comparison of the various classes of animals belonging to the phylum chordata, such as the cat, turtle, and salamander, stressing the skeletal, muscular, circulatory, nervous, and urogenital systems. Two hours of lecture; six hours of laboratory.

Zoology 123A-B Birds of California (2-2) Year course

Acquaintance with Pacific coast and desert birds by specimens, lecture and field study. Classification, structure, habits, field recognition, and ecology will be featured. Spring section includes nesting and bird songs. Fall section contacts migration and distribution. A year of field work with birds. One lecture; two laboratory or field.

POLICE SCIENCE AND ADMINISTRATION

Raymond A. Rydell, Ph.D., Associate Professor of History and Chairman of the Division of Social Science

Elliott W. Guild, Ph.D., Professor of Government, Coordinator of Government Service Training

William R. Barker, Ph.D., Adviser

The teaching staff is chosen from specially qualified personnel, including members of law enforcement agencies in the southern California area.

I. Pre-Service Training: Curriculum leading to the B.S. Degree in Police Science for pre-service students

The general public, law enforcement agencies, and many collegiate institutions throughout the country are giving increasing attention to the elevation to professional status of the several forms of police work. The Department of Education of the State of California has authorized Los Angeles State College to undertake a program to prepare qualified students for police service and has approved this curriculum leading to the B.S. Degree in Police Science. It is contemplated that the student will complete the two-year Peace Officer curriculum at Los Angeles City College, or equivalent work elsewhere, before matriculating as a Police Science major in Los Angeles State College.

NOTE—The semester-year order in which these courses are taken is subject to some change so as to accommodate individual student interests and administrative revisions. A student may make no substitutions, however, without specific approval and recommendation from his adviser. The degree requires 128 units, including at least 48 units of work in Police Science; not less than 28 units must be upper division.

Lower Division: (See Los Angeles City College catalog)

First Year

Law 21—Police Civil Law	3 units
Law 23—General Administration of Justice	3 units
Law 24A—Criminal Law	3 units
Law 41—Police Organization and Field Intelligence	2 units
English 1—Reading and Composition	3 units
Speech 7—Public Speaking	3 units
Physical Education 40 and 41—Weaponless Defense	3 units
Physical Education (Elective)	1 unit
Physics 10—Physics	3 units
Psychology 21—Introduction to Psychology	3 units
Sociology 1—Introductory Sociology	3 units
Electives	2 units
	<hr/>
	32 units

Second Year

Law 24B—Criminal Law	3 units
Law 26—Police Literature	3 units
Law 31—Automobile Law	3 units
Law 42—Criminal Investigation	2 units
Law 44—Scientific Criminal Investigation and Physical Evidence	3 units
Law 45—Criminology and Penology	3 units
Political Science 1—Introduction to Government	3 units
History 12—The United States Since 1867	3 units
Physical Education 25—Safety Education and First Aid	2 units
Physical Education 10—Health Education	2 units
Physical Education (Elective)	1 unit
Psychology 46—Abnormal Psychology: The Psychoses	2 units
Psychology 47—Abnormal Psychology: The Neuroses	2 units
.....	32 units

Upper Division:*Junior Year*

Police Science 132—Criminal Evidence	3 units
Police Science 136AB—Police Patrol	4 units
Police Science 137—Advanced Police Laboratory	3 units
Police Science 135—Criminal Procedures	3 units
Police Science 134—Police Ethics	3 units
Government 160—Principles of Public Administration	3 units
Government 104—Municipal Government	3 units
Sociology 102—Social Problems	3 units
Mathematics 111—Elementary Statistical Methods	3 units
Physical Education (Elective)	1 unit
Electives	4 units
.....	33 units

Senior Year

Police Science 131AB—Police Administration	4 units
Police Science 133—Police Personnel Supervision	3 units
Police Science 138—Advanced Criminal Investigation	3 units
Police Science 139—Traffic Regulation and Control	3 units
Police Science 140—Police Deployment	2 units
Police Science 141—Juvenile Law	3 units
Police Science 199—Special Police Problems	3 units
Sociology 155—Criminology	3 units
Physical Education (Elective)	1 unit
Electives	8 units
.....	33 units

II. In-Service Training: Curriculum leading to the B.S. Degree in Police Science for sworn police officers

This program has been prepared to service active police officers who wish to improve their proficiency and status through continued study of police work and administration leading to the B.S. Degree in Police Science. The Peace Officers' Curriculum of Los Angeles City College, or equivalent training elsewhere, must be completed before upper division work may be undertaken in Los Angeles State College. Courses are offered in both day and extended-day sessions to accommodate officers on all shifts.

NOTE—It is strongly urged that the semester-year programs be followed as closely as possible. Should rearrangement or revision be desirable or necessary, students must secure the approval of their adviser in advance so as to avoid difficulties in meeting graduation requirements.

Lower Division: (See Los Angeles City College catalog)*First Year*

Law 21—Police Civil Law	3	units
Law 24A—Criminal Law	3	units
Physical Education 40—Weaponless Defense	1½	units
English 1—Reading and Composition	3	units
Speech 7—Public Speaking	3	units
Physical Education 10—Health Education	2	units
Physical Education (Elective)	1	unit
Psychology 21—Introduction to Psychology	3	units
Electives	12½	units
	<hr/>	
	32	units

Second Year

Law 24B—Criminal Law	3	units
Law 42—Criminal Investigation	2	units
Law 31—Automobile Law	3	units
Law 44—Scientific Criminal Investigation and Physical Evidence	3	units
Law 26—Police Literature	3	units
Biology 62—Police Biological Science	3	units
Physical Education 41—Weaponless Defense	1½	units
Political Science 1—Introduction to Government	3	units
History 12—The United States Since 1867	3	units
Physical Education (Elective)	1	unit
Sociology 1—Introductory Sociology	3	units
Electives	3½	units
	<hr/>	
	32	units

Upper Division:*Junior Year*

Police Science 132—Criminal Evidence	3	units
Police Science 136AB—Police Patrol	4	units
Police Science 135—Criminal Procedure	3	units
Police Science 137—Advanced Police Laboratory	3	units
Police Science 134—Police Ethics	3	units
Government 160—Principles of Public Administration	3	units
Government 104—Municipal Government	3	units
Mathematics 111—Elementary Statistical Methods	3	units
Police Science 146—Police Teaching Techniques	3	units
Electives	5	units
	<hr/>	
	33	units

Senior Year

Police Science 131AB—Police Administration	4	units
Police Science 133—Police Personnel Supervision	3	units
Police Science 138—Advanced Criminal Investigation	3	units
Police Science 139—Traffic Regulation and Control	3	units
Police Science 140—Police Deployment	2	units
Police Science 141—Juvenile Law	3	units
Police Science 199—Special Police Problems	3	units
Sociology 102—Social Problems	3	units
Electives	9	units
	<hr/>	
	33	units

COURSES OF INSTRUCTION IN POLICE SCIENCE *

Prerequisites: Completion of pertinent introductory courses in the Los Angeles City College Peace Officers' Curriculum, or equivalent, or consent of the instructor.

131AB Police Administration (2-2) I, II. Year course.

Analysis of the functional divisions of the modern police department; applications of principles of organization and administration; structure and functions of the police record system; police statistical methods; administrative reports and analyses.

132 Criminal Evidence (3) I

The types of evidence and rules of admissibility, including relevancy and the hearsay rule; preservation of criminal evidence; proper presentation of evidence in court.

133 Police Personnel Supervision (3) II

Administration of police personnel; setting up entrance standards; techniques of selection and examination; training; probation; rating; promotion; discipline; morale; promotional examination and merit system.

134 Police Ethics (3) I, II

General considerations in the relationship of actions to motives; concepts of ethical conduct and the rules and principles used to direct them; institutional ethics; personal and professional standards; historical problems in ethics from the law enforcement point of view; present day conflicts and compromises.

135 Criminal Procedure (3) II

Criminal procedure from apprehension to conviction, based on the Penal Code of California; arrest with and without warrants by police officers; arrest by private citizens; extradition proceedings; information and indictment; functions of the grand jury and coroner's inquest; procedure at the trial; appeals and new trials.

136AB Police Patrol (2-2) I, II. Year course.

Responsibilities, powers, and duties of the uniformed patrolman; patrol procedure; mechanics of arrest; transportation of prisoners; raids; riot and crowd control; crime prevention functions of the officer on patrol.

137 Advanced Police Laboratory (3) I, II

Lectures, demonstrations and actual use of laboratory equipment in the collection, preservation, analysis, and interpretation of physical evidence of various types, including: footprints, tiretracks, toolmarks, blood, hair, textiles, stains, dust, dirt and debris, explosives, ballistics and firearms; narcotic identification and determination of intoxication; casting, moulage, photomicrography; spectrography; court presentation and expert testimony.

138 Advanced Criminal Investigation (3) I, II

Modus operandi; sources of information; undercover techniques and informants; reconstructing the crime; departmental facilities and cooperation; coordination with other law enforcement agencies; mechanics of interviewing and taking of statements; observation and description; surveillance, notes, reports, and evidence in court. As time permits, investigative techniques applicable to specific crimes such as homicide, burglary, arson, etc., will be considered.

139 Traffic Regulation and Control (3) I, II

Organization and functions of the police traffic division; educational, engineering, and enforcement methods; technique of the traffic survey; traffic accident investigation; elements of a sound traffic program.

* See Government and Sociology for other courses in this field.

140 Police Deployment (2) II

An intensive study of deployment of police personnel on all levels; the watch; the division and over-all city and larger organization planning; disaster, and other emergency planning, including riot, parade, and crowd control.

141 Juvenile Law (3) I

The California Juvenile Court Act, The Youth Authority, and other legislation governing juvenile delinquency and crime prevention; rights of juveniles as distinguished from those of adults; sociological and psychological development in California law in the prevention of crime by juveniles, including probation procedures and institutional care.

142 Interrogation and Lie Detection (3) II

Survey of modern methods of handling witnesses, informants, and suspects; evaluation of so-called truth serums, lie-detectors, and other laboratory devices; the psychology and physiology involved in deception.

143 Comparative Police Administration (3) I

A comparative approach to the study of administrative patterns in the police services of selected American cities and in European police systems.

144 Police Photography (2) I

The application of photography to the police field with reference to the preservation of physical evidence and courtroom presentation.

146 Police Teaching Techniques (3) II

Techniques and methods of development of teaching skills; desirable personality traits; tests and their evaluation; audio-visual methods; planning and curricula, including objectives, procedures and evaluations; basic principles and techniques in dealing with specialized problems.

180 Police Field Work (Variable credit) I, II

Practical application of theoretical training by observation and participation in police work. With the cooperation of various Southern California law enforcement agencies assignments will be given to students on an individual basis as their interests and preparedness warrant.

199 Special Police Problems (3) II

Studies designed to meet the special needs of students in their particular field of interest; assigned readings and a special report will be required. This course is required of all students majoring in Police Science.

COURSES OF INSTRUCTION

See Government, Psychology, and Sociology.

PSYCHOLOGY

Howard E. Wilkening, Ph.D., Professor of Psychology and Chairman of the Department

Donald P. Wilson, Ph.D, Professor of Psychology. Supervisor for Psychology between Clinics and State College

Solomon Diamond, Ph.D., Associate Professor of Psychology. Supervisor for Psychology between Schools and State College

Raymond E. Bernberg, Ph.D., Assistant Professor of Psychology. Supervisor for Psychology between Industry and State College

Joseph Grosslight, Ph.D., Assistant Professor of Psychology

The major in psychology, consisting of 30 units of upper division courses, is offered in two general plans designed to meet the needs of the following students:

Plan I: Those who intend to use psychology as a profession.

- a. The bachelor's degree in psychology provides the minimum requirements for employment in various correctional institutions, certain agencies and industries. Every student under this plan will be given

comprehensive, oral, and written tests over his entire field of study by an Advisory Committee (consisting of two staff members and two other persons gainfully employed in the student's selected field of endeavor) before receiving his degree. Students who graduate under Plan I may be recommended for advanced study or work in the field of psychology.

Plan II. Those who are desirous of gaining a knowledge of psychology for use in related professions and fields. Students under this plan will not be recommended for graduate work unless they also meet the basic requirements under Plan I.

Requirements for a Major in Psychology Under Plan I

Lower Division (See Los Angeles City College catalog):

Psychology 21 and 22 or 23	6 units
Other courses required for advancement to upper division standing (see General Requirements)	54 units
	<hr/> 60 units

Upper Division:

Psychology 114—Laboratory Psychology	3 units
Psychology 120—Statistical Methods in Psychology	3 units
24 units selected from one of the A, B, or C options, with consent of the adviser	24 units

It is recommended that students, during their four-year program, complete 18 units taken from the courses listed below. (See adviser).

One year of college chemistry.

One year of college physics.

College algebra and analytic geometry or mathematics for the social and life science.

General zoology.

Elementary physiology.

Human physiology.

Endocrinology.

Genetics.

Foreign languages that are necessary to meet the requirements at the graduate schools of student's choice

18 units

Other elective and required courses for A.B. Degree (see General Requirements)

16 units

64 units

Options Under Plan I

Option A

INDUSTRIAL PSYCHOLOGISTS AND PERSONNEL WORKERS

Adviser: Dr. R. Bernberg

Select (with approval of departmental adviser) 24 psychology units from the following:

Psychology 120B—Statistical Methods in Psychology	3 units
Psychology 127A—Psychological Testing (Group)	3 units
Psychology 127B—Psychological Testing (Individual)	3 units
Psychology 142—Human Communication	3 units
Psychology 143—Psychology of Propaganda and Public Opinion	3 units
Psychology 144—Attitudes and Opinion Measurement	3 units
Psychology 145—Social Psychology	3 units
Psychology 156—Industrial Psychology	3 units
Psychology 160—Counseling and Interviewing	3 units
Psychology 180—Psychology of Advertising and Selling	3 units

Psychology 181—Employment and Personnel Psychology.....	3 units
Psychology 183—Psychology of Labor Relations.....	3 units
Psychology 184—Psychology of Economic Behavior.....	3 units
Psychology 198—Field Work.....	1-4 units
Psychology 199—Individual Studies in Psychology.....	1-4 units

Select 18 nonpsychology units from the following:

Economics 101—Introduction to Economic Analysis.....	3 units
Economics 102—Labor Economics.....	3 units
Business 160—Industrial Management.....	3 units
Business 162—Industrial Equipment and Processes.....	3 units
Business 163—Motion Economy Analysis.....	3 units
Business 170—Personnel Management.....	3 units
Business 171—Management and Leadership.....	3 units
Business 172—Industrial Relations.....	3 units
Physical Education 178—Industrial Recreation.....	2 units
Government 160—Principles of Public Administration.....	3 units
Government 163—Public Personnel Administration.....	3 units

Option B

PRE-CLINICAL STUDENTS AND GUIDANCE WORKERS

Adviser: Dr. D. Wilson

PARENT-CHILD WORKERS, FAMILY COURT PSYCHOLOGISTS AND MARRIAGE COUNSELORS

Adviser: Dr. H. Wilkening

Select (with approval of departmental adviser) 24 psychology units from the following:

Psychology 102—Psychology of the Handicapped.....	2 units
Psychology 110—Abnormal Psychology.....	3 units
Psychology 112—Child Psychology.....	3 units
Psychology 116—Advanced Physiological Psychology.....	3 units
Psychology 127A—Psychological Testing (Group).....	3 units
Psychology 127B—Psychological Testing (Individual).....	3 units
Psychology 130—Psychology of Personality.....	3 units
Psychology 145—Social Psychology.....	3 units
Psychology 154—Survey of Clinical Psychology.....	3 units
Psychology 160—Counseling and Interviewing.....	3 units
Psychology 170—Psychology of Marriage and Family Relations.....	3 units
Psychology 175—Experimental Psychopathology.....	3 units
Psychology 181—Employment and Personnel Psychology.....	3 units
Psychology 183—Psychology of Labor Relations.....	3 units
Psychology 198—Field Work.....	1-4 units
Psychology 199—Individual Studies in Psychology.....	1-4 units

Select 18 nonpsychology units from the following:

Geography 101—Survey of the Modern World.....	3 units
Government 101—American Institutions.....	2 units
History 130A, B, C, D—Great Personalities.....	12 units
Anthropology 115—Cultural Anthropology.....	3 units
Sociology 148—Juvenile Delinquency.....	3 units
Sociology 156—Fields and Trends in Social Work.....	3 units
Sociology 170—Introduction to Social Case Work.....	3 units
Philosophy 110—Types and Problems.....	3 units
English 103—Semantics.....	2 units
English 106A—Professional Reports.....	3 units
English 128—Interpreting Children's Literature.....	3 units
Speech 135—Speech Pathology.....	3 units

Option C

PSYCHOMETRICS

Adviser: Dr. S. Diamond

A major completed under Option C, Plan I will qualify the student to apply for a credential as school psychometrist. It would also represent sound undergraduate preparation for graduate work leading toward qualifying for a credential as school psychologist. (Consult your adviser for full details). The courses recommended are as follows:

Psychology 102—Psychology of the Handicapped	2 units
Psychology 104—Psychology and Education of the Exceptional Child	2 units
Psychology 112—Child Psychology	2 units
Psychology 114—Laboratory Psychology	3 units
Psychology 120A—Statistical Methods in Psychology	3 units
Psychology 127A—Psychological Testing (Group)	3 units
Psychology 127B—Psychological Testing (Individual)	3 units
Units to be selected in consultation with adviser	12 units

Students who expect to apply for any special credential (school psychometrist, school psychologist, teaching the mentally retarded) must consult their adviser early in the program. In most cases, courses leading to a basic teaching credential will be required.

*Requirements for a Major in Psychology Under Plan II***Lower Division** (See Los Angeles City College catalog):

Psychology 21 and 22 or 23	6 units
Other courses required for advancement to upper division standing (see general requirements)	54 units
	60 units

Upper Division:

Psychology 110—Abnormal Psychology	3 units
Psychology 126A—History of Psychology	3 units
Psychology 126B—Contemporary Schools of Psychology	3 units
Psychology 130—Psychology of Personality	3 units
Psychology 143—Psychology of Propaganda and Public Opinion	3 units
Psychology 145—Social Psychology	3 units
Electives in Psychology	12 units
Other courses required for A.B. Degree (see general requirements)	34 units
	64 units

Minor Requirements

Fourteen elective units in upper division psychology, and six units from lower division.

Residence Requirements

Any student receiving his A.B. in psychology must take at least 15 units (if a major) and 7 units (if a minor) at this institution.

COURSES OF INSTRUCTION

Prerequisites: Unless otherwise noted, the prerequisite for all upper division courses is Psychology 21 and Psychology 22, or their equivalents, or the consent of the adviser. All courses with an asterisk (*), or numbered 200 or over, require consent of adviser or instructor.

100 Survey of Psychology (3) I, II

Development of emotional behavior, attention, habit, thinking, intelligence, personality, etc., from infant to adult. Facts and principals pertinent to everyday life are stressed. Not open to students who have had Psychology 21.

- 102 **Psychology of the Handicapped** (2) I, II
Special problems of the mentally and physically handicapped and means of dealing with these problems.
- 103 **Introduction to the Exceptional Child** (2) I, II (See Education 187)
Credit not given for both this course and Education 187.
- 104 **Psychology and Education of the Exceptional Child** (2) I, II (See Education 188)
Prerequisite: Psychology 103 or consent of instructor.
Credit will not be given for both this course and Education 188.
- 108 **Mental Hygiene** (2) I, II
Social and emotional adjustment and personality in the light of mental hygiene principles, with special attention to adjustment problems of the college student.
- 110 **Abnormal Psychology** (3) I, II
Historical overview of abnormal psychology; criteria of abnormal behavior; symptomatology; disturbing forces in personality formation; and therapeutic considerations.
- 112 **Child Psychology** (3) I, II
Developmental trends in infancy and childhood. Study of current literature.
(Credit not given for both this course and Education 102).
- 113 **Psychology of Adolescence** (3) I, II
Growth and development during adolescence; psychological aspects of learning; deviations from normal development; practical implications for meeting the needs of adolescents.
- *114 **Laboratory Psychology** (3) I, II
Prerequisite Psych. 120A.
Experiments on problems of human learning, remembering, thinking, emotion, intelligence, perception and personality. Basic problems of research—design and experimental techniques emphasized. Laboratory and lectures.
- *116 **Advanced Physiological Psychology** (3) I
The relationship between integrated behavior and physiological processes. Study of the theories which emphasize the essential continuity of psychology and physiology in behavior and personality.
- 120A **Statistical Methods in Psychology** (3) I, II
Commonly used measures of central tendency, variability and correlation; significance of individual scores and of individual and group differences. (Under certain conditions Mathematics 111 is an acceptable substitute: see adviser.)
- *120B **Statistical Methods in Psychology** (3) II
More advanced techniques of correlation, analysis of variance, and factor analysis, as applied to testing procedures and research.
- 126A **History of Psychology** (3) I
Consideration of the history of psychology from its beginnings in ancient philosophy and medicine to the end of the nineteenth century.
- 126B **Contemporary Schools of Psychology** (3) II
Contemporary psychological theories and systems in their historical perspective and present position.
- *127A **Psychological Testing (Group)** (3) I
Selection, administration, and interpretation of commonly used group tests of intelligence, interests, aptitudes, etc.

***127B Psychological Testing (Individual) (3) I, II**

The concept of intelligence; the most commonly used tests of intelligence; emphasis on practical experience in administering and interpreting individual intelligence tests (especially the Revised Stanford-Binet and the Wechsler Scales).

***127C Psychological Testing (Individual Performance Tests) (3) I, II**

Practical experience in administering the Grace Arthur, Cornell-Coxe, and other performance and aptitude tests.

***127D Psychological Testing (Applied to the Mentally and Physically Atypical) (3) I**

Selection, administration, and interpretation of tests used for appraising the atypical individual. Survey of etiological theories and the contemporary trends in therapy.

***130 Psychology of Personality (3) I**

Biological and cultural determinants of personality; dimensions of personality and their measurement or appraisal; integration of personality as related to adjustment.

142 Human Communication (3) I (See Speech 132)

Psychological factors involved in the creation and manipulation of symbols. Art and science as forms of communication. Emphasis on social-psychological aspects of mass media of communication—radio and motion pictures. Guest speakers. (Credit not given for both this course and Speech 132.)

143 Psychology of Propaganda and Public Opinion (3) II

Propaganda as a form of communication. The detection, analysis and effects of propaganda. The creation, manipulation, and measurement of public opinion; the relation between the mass media of communication and public opinion and propaganda.

144 Attitude and Opinion Measurement (3) I

Attitude scales and public opinion surveys. Design of investigation, sampling methods, analysis of results, and applications to various psychological problems. Field work.

***145 Social Psychology (3) II (See Sociology 145)**

Formation of beliefs and attitudes; their operation in relation to social problems of contemporary importance. (Credit will not be given for both this course and Sociology 145).

150 Criminal Psychology (3) II. Not offered in 1950-51.

Psychological principles applied to crime and the criminal. Motivation of crime. Analysis of case histories, and use of psychological techniques, such as stress interviews and tests.

***154 Survey of Clinical Psychology (3) I, II**

An elementary course in clinical techniques of psychology which shows how the methods of measuring aptitude and adjustment factors may be applied to the individual case for purposes of diagnosis and clinical counseling.

156 Industrial Psychology (3) I, II

Psychological techniques in modern industry; selection, training, and evaluation of employees; morale and promotion; fatigue and safety practices.

***160 Counseling and Interviewing (3) I**

An introduction to the problems and techniques of counseling and interviewing. Presentation of the attitudes and objectives of the counselor and counselee.

164 Psychology of Learning (3) I

An advanced course on educational psychology concerning experimental and theoretical literature on memorizing; problem solving, and creative thinking.

165 Motivation (3) II

Psychological studies and changing concepts of motivation including experimental work on animal behavior and the contributions of topological psychology to motivation.

170 Psychology of Marriage and Family Relationships (3) I, II

The ordinary problems of in-laws, money, sex, etc., considered as symptoms of a disordered personality. Emphasis on the psychological insights necessary for adjustment to social and cultural institutions.

172 Experimental Methods in Psychology (3) I

Fundamentals of experimental methods dealing with sensation and perception. A survey of advanced psychophysical and statistical methods in experimental psychology.

175 Experimental Psychopathology (3) I

Study of complexly motivated behavior and the psychological dynamics related to the development of abnormal behavior; survey of contemporary literature on learning theory basis of psychopathology, animal "neuroses," etc. Laboratory and lectures.

180 Psychology of Advertising and Selling (3) I

The relative strength of the desires in buying; attention value of form, size, color, and typographical layout and methods of measuring the effectiveness of advertisements; characteristics of salesmen. Practical projects in cooperation with advertising agencies and various sales groups.

181 Employment and Personnel Psychology (3) I

The application of psychological principles to the technical problems involved in developing a personnel testing program and in appraising its effectiveness; employment procedures; job success.

183 Psychology of Labor Relations (3) I

Exploration of the human relations involved with union and management; psychological aspects of conflict and cooperation between labor and management; the role the psychologist plays in union relations. Field work and guest speakers.

184 Psychology of Economic Behavior (2) II

Students evaluate publication material and participate in projects dealing with the psychological aspects of economic concepts, such as buying habits, savings and class strata, basis of differential cost and buying preference, etc. Guest speakers.

***198 Field Work (1-4) I, II**

Work experience in various agencies, hospitals, clinics, and industries in the Los Angeles area under joint supervision of a faculty member and the cooperating agencies.

***199 Individual Studies in Psychology (1-4) I, II**

Practical projects conducted under the supervision of one or more of the staff members. Credit based on amount of work involved in completing project.

212 Seminar in Child Psychiatry (1-3) I

Application of principles of psychiatry to behavior disorders in children. Designed primarily for clinicians, social workers, and parent educators.

215 Critical Problems in Commercial and Industrial Psychology (3) I

Critical problems will be enumerated, discussed, and evaluated. Students will have individual projects of pursuing a specific problem (in cooperation with industry) through its various phases, with suggestions as to new methods of psychological application and/or research.

227 Psychodiagnostic Testing (3) II

Advanced clinical interpretation of the Revised Stanford-Binet, Wechsler Scales (adult and children), and other tests.

228A Methods of Appraising Personality (3) I

Emphasis is placed upon personality dynamics and the methods (projective tests) used to explore the personality. Field work and research.

228B Methods of Appraising Personality (3) II

Practice in administering, scoring and interpretation of the Rorschach test. Limited to graduate students.

254 Clinical Techniques in Psychology (3) I, II

Advanced study of tests in clinical diagnosis. The role of the psychologist as a member of the psychiatric team, and the development of clinical techniques and judgment. Psychiatric social workers and psychiatrists as guest lecturers.

256 Advanced Industrial Psychology (3) II

Individual projects and field surveys dealing with the formal and informal organization of industry. The various roles of management, organized labor, and other organizations in the complex psychological make-up of modern industry.

266 Seminar in Attitude and Opinion Research (3) II

Group and individual projects in attitude measurement and public opinion polling. Methods and techniques in bringing about a mature study of measurement within public and business relations.

270A Seminar in the Psycho-dynamics of the Family (3) I

An approach to a deeper understanding of the personality in family patterns through an analysis of case histories.

270B Seminar in the Psycho-dynamics of the Family (3) II

An extended analysis of the interacting personalities that make up the family with emphasis on group interaction and therapy.

271 Marital Counseling Workshop (3) II

Actual practice, discussion, and criticism of various counseling techniques and methods used in marital counseling.

272 Practicum in Marital Counseling (3) I, II

Opportunities provided through field experiences for analysis, use, and interpretation of methods and materials for marital counseling. Open only for those already working in the field of marital counseling, such as family court psychologists, social workers, psychiatrists, marital counselors, etc.

275 Marriage Research and Projects (3) I, II

Reading and reports on the most significant research work in the field of marriage and parent-child relationships. Critical evaluation of such research, and the development of individual research projects and theses.

277 Psychological Techniques as an Aid to Family Living (3) I

Consideration is given to various audio-visual techniques and to the construction and use of resource units designed primarily for clinicians, social workers, parent educators and teachers.

299 Special Problems in Psychology (1-4) I, II

Special problems dealing with various aspects of work-study situations; practical applications of psychological principles to the functionings of clinics, hospitals, industries, and to schools. Credit depends upon amount of work completed.

RADIO AND TELEVISION

Clarence K. Sandelin, M.A., Associate Professor of English and Chairman of the Division of Language Arts and Literature

Louis G. Gardemal, Ph.D., Assistant Professor of Radio and Television

Alfred Ehrhardt, Ed.D., Assistant Professor of English

Morris Val Jones, M.A., Assistant Professor of Speech

Thomas McGrath, M.A., Assistant Professor of English

Courses in Radio and Television are designed for three student groups:

Plan I: Those who expect to teach the language arts.

Plan II: Those who plan to qualify for careers in professional and educational radio and television.

Plan III: Those who desire to study radio and television as a part of their general cultural development, or in preparation for graduate work at the university level.

Major advisers for Plan I: (see major advisers for Language Arts: Greer, Ehrhardt, Trospen).

Major advisers for Plan II: Gardemal, Shepard.

Major adviser for Plan III: Gardemal.

Senior Survey

All majors in the various language arts must complete a comprehensive and integrative survey and examination during the final semester of their senior year. Since this survey and examination will be based on a reading list appropriate to the student's particular major, a fundamental pattern is established for the student's upper division work. Within the general framework of his own major, the student is encouraged to elect those courses which will be most valuable in covering unfamiliar areas, just as he is left free to avoid courses in those areas where he is already proficient. The ultimate purpose of this program is not to establish a severe academic requirement, but to provide a final summary of the main educational objectives toward which the student has been working throughout his work in the major field.

The survey class will meet for two hours each week during the first 14 weeks of the semester. The examination will be given during the fourteenth week. It will consist of a two-hour essay followed, on the next day, by a two-hour objective test. Students who pass this final comprehensive examination receive two units of credit which counts as a part of the radio and television major.

Students who are otherwise qualified to graduate, but who fail to earn a grade of "D" or better on the examination, may still receive their B.A. degree provided this failure in two units of work does not reduce their grade point average or total of units earned below graduation requirements.

Credential candidates must earn a grade of "C" or better on the examination in order to satisfy the major requirement for a credential. Any student who fails to earn a satisfactory grade on the examination may petition to repeat the examination at the next time it is offered. Credential candidates who pass the examination in one of these subsequent attempts will have satisfied that portion of the major requirement.

*Plan I**Requirements for the Teaching Major in Radio and Television*

No teaching major is offered in 1950-51. Students who are interested in a credential major emphasizing radio and television are advised to consult the Language Arts section of this catalog where a composite teaching major including radio and television is described.

Requirements for the Teaching Minor in Radio and Television

The teaching minor in radio and television consists of 20 units, at least eight of which must be completed in the upper division after the student has reached junior standing. Program must include Radio 164, Radio and Television in the School and Home.

*Plan II and Plan III**Requirements for the Professional and Academic Majors in Radio and Television*

Requirements for the major in radio and television will be announced in the 1951-52 catalog. The several service courses listed below will be accepted as a part of any major program established.

Programs in radio and television are currently being developed with a strong emphasis on professional and educational television. It is expected that courses will be subsequently announced which will allow for a comprehensive training in all phases of television analysis, evaluation, social service, program planning, program direction, program production, applied advertising, public relations, education for school children, and education for adults. Under the alternate work-study program being developed at this institution, it may be possible to obtain on-the-job training in the radio and television industries in 1951-52.

Requirements for the Professional and Academic Minors in Radio and Television

Students may qualify for a minor in radio and television in 1950-51.

Lower Division: (See Los Angeles City College catalog for LACC courses)

Radio, Television, English, Drama 6 units

Upper Division:

Radio 164—Radio in the School and Home 2 units

Television 101—Professional Television 3 units

Television 196—Special Projects in Television 2 units

13 units

COURSES OF INSTRUCTION IN RADIO

Graduate students may enroll in any radio course marked "graduate credit." To enroll for credit in any other undergraduate radio course, however, the graduate student must obtain prior approval from the course instructor and from the division chairman.

164 Radio and Television in the School and Home (2) II

Prerequisite: Junior standing.

Designed for Elementary and Secondary Credential candidates and for parents. Emphasis on the social, psychological, and educational importance of radio and television for children of elementary and high school age.

English 106D Radio Writing (2 or 4) I

For description of this related course see English section of the catalog.

COURSES OF INSTRUCTION IN TELEVISION

Graduate students may enroll in any television course marked "graduate credit." To enroll for credit in any other undergraduate television course, however, the graduate student must obtain prior approval from the course instructor and from the division chairman.

101 Professional Television (3) I, II

Prerequisite: Junior standing and consent of instructor.

Occupational opportunities, working condition, remuneration in commercial and educational television. Graduate credit.

English 106E Television Writing (2 or 4) II

For description of this related course see English section of the catalog.

120 Television Advertising (2). Not offered in 1950-51.

Theories and techniques of advertising applied to television. Includes use and interpretation of public surveys.

163 Techniques for Television Education in Elementary Schools (2) I. Not offered in 1950-51.

Prerequisite: Senior standing.

Graduate credit.

164 Techniques for Television Education in Secondary Schools (2) II. Not offered in 1950-51.

Prerequisite: Senior standing.

Graduate credit.

165 Techniques for Television Education in College (2) I

Prerequisite: Senior standing.

Graduate credit.

166 Techniques for Television Education as a Public Service (2) II. Not offered in 1950-51.

Prerequisite: Senior standing.

Graduate credit.

196A-B-C-D Special Projects in Television (4-4-4-4) I, II

Prerequisite: Television 163, 164, 165, or 166 (or concurrent enrollment in one of these courses) and consent of instructor.

Practical experience in the production of various programs sponsored by the college.

SOCIAL STUDIES

The majors in social studies are designed for two student groups:

1. Professional: Those who elect to offer Social Studies as their major for the General Secondary Credential.
2. Academic: Those who desire a general cultural education with main attention given to the social sciences.

Requirements for the General Secondary Credential With a Social Studies Major**Lower Division** (See Los Angeles City College catalog):

History 1, 2—History of Western Europe.....	6 units
Political Science 1, 2—Introduction to Government.....	6 units

Select six units from the following:

Anthropology 1, 2—General Anthropology	
Economics 1, 2—Principles of Economics	
Geography 1, 2—Elements of Geography	
Geography 4, 5—Economic Geography	
History 5, 6—History of the Americas	
History 10—History of the United States <i>or</i>	
History 11, 12—History of the United States	
Sociology 1, 2—Introductory Sociology.....	6 units

Other units needed to meet the requirements for upper division standing (see General Requirements)..... 42 units

—
60 units

No grade below "C" in lower division work will be accepted for the major.

Upper Division and Postgraduate (Twenty-one units in the junior and senior years; six units in the fifth year):

History (European), from courses in 140 group	6 units
History (United States) from courses in 170 and 180 groups	6 units
Government 103—State and Local Government	3 units
Government 105—American Federal Government	3 units
Government 125—United States Foreign Policy <i>or</i>	
Government 127—International Relations	3 units
Geography 101—Survey of the Modern World <i>or</i>	
Geography 121—Geography of Anglo-America <i>or</i>	
Geography 131—Geography of California	3 units
Sociology 102—Social Problems <i>or</i>	
Sociology 145—Social Psychology <i>or</i>	
Psychology 145—Social Psychology	3 units
Other courses necessary to complete requirements for General Secondary Credential (see General Secondary Credential listed under Education)	67 units
	<hr/> 94 units
Total Units Required (including postgraduate year)	154 units

Requirements for the General Secondary Credential With a Social Studies Minor

Lower Division (See Los Angeles City College catalog):

History 1, 2—History of Western Europe	6 units
History 11, 12—History of the United States <i>or</i>	
History 10—History of the United States and	
Political Science 10—American Political Institutions	6 or 4 units

Upper Division and Postgraduate:

Government 105—American Federal Government	3 units
History 174—The United States: The Twentieth Century	3 units
Geography 101—Survey of the Modern World	3 units
Sociology 102—Social Problems	3 units
	<hr/> 24 or 22 units

Requirements for a Nonteaching Major in Social Studies

Lower Division (See Los Angeles City College catalog):

18 units chosen from the several social sciences, including introductory courses in government, history, and sociology.

Upper Division:

24 units chosen from at least four fields in the social sciences with the approval of a departmental adviser.

Requirements for a Nonteaching Minor in Social Studies

Fifteen units, of which at least nine must be upper division.

SOCIOLOGY AND ANTHROPOLOGY

Raymond A. Rydell, Ph.D., Associate Professor of History and Chairman of the Division of Social Science

Richard O. Nahrendorf, Ph.D., Associate Professor of Sociology

Esther Penchef, Ph.D., Associate Professor of Sociology

James B. Wilson, Ph.D., Associate Professor of Philosophy and Sociology

Joseph B. Ford, M.A., Assistant Professor of Sociology

Karl M. Wallace, Ph.D., Assistant Professor of Sociology

Richard Slobodin, M.S., Assistant Professor of Anthropology and Sociology

The sociology major is adapted to meet the needs of students who have one or more of the following objectives in mind:

1. Preparation for graduate study toward an advanced degree in sociology.
2. Preparation for graduate study toward a certificate or degree in social work.

3. Completion of the bachelor's degree in sociology with the view to enter the social service field. The A.B. Degree in sociology helps the student to realize a greater understanding and appreciation of the structure and functions of society, and his role and status in the social group. It also provides the minimum requirements for employment in certain social service occupations.

For the teaching major, see Social Studies.

Important: The student who chooses sociology as his major must plan his undergraduate program under the direction of a regular member of the sociology staff of Los Angeles State College.

Requirements for a Major in Sociology

Lower Division (See Los Angeles City College catalog):

Sociology 1, 2—Introductory Sociology <i>or</i>	
Sociology 1 and Anthropology 2	6 units
Psychology 21—Introduction to Psychology	3 units
History 10—History of the United States <i>or</i>	
History 12—The United States Since 1867 <i>or</i>	
Political Science 10—American Political Institutions	2-3 units
Economics 1 or 2—Principles of Economics	3 units
Other units needed to meet the requirements for upper division standing (see General Requirements)	45-46 units
	60 units

No grade below "C" in lower division work will be accepted for the major.

Upper Division:

Sociology 103—Marriage and the Family	3 units
Sociology 199—Introduction to Social Research	3 units
Sociology 164—Elementary Social Statistics	3 units
Elective units in Sociology	15 units
Select six units from the following:	
Economics 184—Economics of Consumption	
Government 168—Public Welfare Administration	
History 174—The United States: The Twentieth Century	
History 188—California	
Psychology 108—Mental Hygiene	
Psychology 110—Abnormal Psychology	6 units
Other courses to make total required for A.B. Degree	34 units
	64 units

NOTE: It is strongly recommended that students terminating their education with the bachelor's degree, with the view of securing employment in social service occupations, include the following electives in their major:

- Sociology 126—Social Legislation
- Sociology 156—The Field of Social Work
- Sociology 158—Community Organization
- Sociology 170—Methods for Welfare Personnel

The following courses in other fields are suggested for enrichment of the sociology student's background.

- Anthropology 117—The North American Indian
- Economics 180—Comparative Economic Systems
- Education 102—Growth and Development
- Geography 101—Survey of the Modern World
- Geography 131—Geography of California
- Government 114—Public Opinion and Lobbies
- Government 160—Principles of Public Administration
- Government 173—Government and Urban Housing
- History 176—American Reform Movements and Reformers
- Philosophy 138—Comparative Religions
- Psychology 112—Child Psychology
- Psychology 181—Vocational and Employment Psychology

SOCIOLOGY

Minor Requirements

Twelve units, at least six of which must be upper division.

COURSES OF INSTRUCTION

Prerequisite for all upper division courses: Introduction to Sociology or consent of the instructor.

102 **Social Problems** (3) I, II

Consideration of the major social problems in American life, emphasizing their causes and possible solutions. An interpretation of the social processes of competition, conflict, accommodation, and assimilation. Special attention is given to labor-management difficulties, minority group problems, economic disorganization and dissociation, political and religious conflict, family crises, and other pertinent topics.

103 **Marriage and the Family** (3) I, II

The family as a social institution; evolution of marriage and the family through primitive, ancient, and modern times. Recent social changes affecting the family; the relationship of the family to industry, school, church and state. Love and courtship, mate selection, and marital success; processes of family conflict and family disorganization.

110 **Urban Sociology** (3) I

Urbanization from the standpoint of its impact upon personality. The structure of the modern city and the social problems which evolve from the organization of the metropolitan area. The influence of urban environment on human behavior.

111 **Rural Sociology** (3) II

A survey of the conditions of present day rural life. Social problems involved. Trends in housing, recreation, communication, health.

122 **Social Change** (3) I, II

Changes in technology, ideology, and social organization. Theories of social change and progress. Adjustments within society to social change.

126 **Social Legislation** (3) I

Analysis of American legislation and judicial opinion on social issues, such as laws relating to wages, hours, conditions of employment, social insurance, dependency, family, child welfare, etc.

145 **Social Psychology** (3) I (See Psychology 145)

Inquiry into group dynamics. Social interaction and its effects upon the individual. Analysis of forms of mass behavior such as crowds, fashion, public opinion, propaganda, and conflict.

Note: Credit will not be given for both this course and Psychology 145.

148 **Juvenile Delinquency** (3) I, II

Extent and distribution, with emphasis on the local area. Meaning and implications of delinquency. Personal and environmental conditioning factors. Survey of programs of control and treatment.

150 **Population Analysis** (3) I

An analysis of the causes and consequences of major population trends throughout the world; of changes in birth and death rates, sex ratio, age distribution, race and nationality composition; marital, educational, and occupational status; religious composition; population density; migration.

155 Criminology (3) I, II

Investigation of the conditioning factors in crime. Programs of treatment and prevention. Probation, parole, penal institutions. Changing attitudes and trends.

156 The Field of Social Work (3) I, II

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

158 Community Organization (3) I, II

The structure of the community; social agencies in relation to community organization; planning and organizing the social welfare services to meet social needs.

160 Industrial Sociology (3) II

Development, status, and social aspects of the labor movement. Social problems in industry.

164 Elementary Social Statistics (3) I, II

Application of statistical techniques in the collection and interpretation of sociological data. Quantification, tabulation and classification of social data. Measures of central tendency, variability, correlation, significance of differences. Errors in measurement. Time series analysis. Graphical representation of sociological data. (Mathematics 111 is acceptable as a substitute for Sociology 164 in the Sociology major.)

168 American Sociology (3) II

Growth of sociology in the United States; contributions of present-day sociologists; relation of sociology to other fields, such as psychology, education, anthropology, and social work. Occupational opportunities and trends in sociology.

170 Methods for Welfare Personnel (3) I, II

Principles and practices underlying effective social case work. Analysis and evaluation of case material. Development of skills in practical social work.

Note: Restricted to seniors and workers already in the field.

175 In-Service Training (Variable credit) I, II

In-service training for court and welfare personnel. Upgrading preparation and refreshing of personnel in the field at the request of social organizations and bureaus.

180 Field Work (Variable credit) I, II

Supervised work in industry and in private and public agencies. The purpose is to combine practical training with theoretical knowledge. Through direct experience the student is impelled to understand more directly the social processes involved in community living, including competition, conflict, accommodation, assimilation, etc. Every effort is made to aid the student in securing a realistic approach to the problem of occupational selection and adaptation.

As an introduction to the problems involved in professional and semiprofessional social occupations, this course will better prepare the student for continued work and study in the field.

199 Introduction to Social Research (3) I, II

The scientific method in sociology. Analysis of the more important techniques used in sociological research. Preparation of research papers and reports. Methods of collecting, classifying, interpreting, and presenting social data. Case studies of typical research monographs.

ANTHROPOLOGY*Minor Requirements*

Twelve units, at least six of which must be upper division.

COURSES OF INSTRUCTION

Prerequisite for all upper division courses: General Anthropology or consent of the instructor.

113 **Culture and Personality** (3) II

The relationship between individual personality development and the cultural milieu. Recent work in the coordination of psychodynamics and the social sciences. Special attention will be given to studies of child training and culture patterns in several non-Western cultures.

115 **Cultural Anthropology** (3) I, II

The life and culture of primitive peoples. Origin and development of culture, and the relationship of personality to culture. A comparative analysis of family structure and kinship systems, economic, political, and religious organizations, social stratifications.

117 **The North American Indian** (3) I

Origins, modes of subsistence, social organization, and geographic and historical relationships of the Indians of North America. Consideration of the results of European conquest and of the present condition of the several tribes.

118 **Peoples of Africa** (3) II

The aboriginal cultures and contemporary conditions of Negroid Africa. Pre-historic times, relations with Europe and Asia, and the effects of colonization upon the native population.

SPEECH

Clarence K. Sandelin, M.A., Associate Professor of English and Chairman of the Division of Language Arts and Literature
 Eula O. Jack, M.A., Assistant Professor of Speech
 Morris Val Jones, M.A., Assistant Professor of Speech
 Frederick B. Shroyer, M.A., Assistant Professor of English
 ———, Exchange Lecturer in Speech

Courses in speech are designed for three student groups:

Plan I: Those who expect to teach speech.

Plan II: Those who plan to become speech therapists in public institutions or in private practice.

Plan III: Those who desire to study speech as a part of their general cultural development, or in preparation for graduate work at the university level.

Major advisers for Plan I: Jack, Jones.

Major advisers for Plan II: Jones.

Major advisers for Plan III: Jack, Jones.

Senior Survey

All majors in the various language arts must complete a comprehensive and integrative survey and examination during the final semester of their senior year. Since this survey and examination will be based on a reading list appropriate to the student's particular major, a fundamental pattern is established for the student's upper division work. Within the general framework of his own major, the student is encouraged to elect those courses which will be most valuable in covering unfamiliar areas, just as he is left free to avoid courses in those areas where he is already proficient. The ultimate purpose of this program is not to establish a severe academic requirement, but to provide a final summary of the main educational objectives toward which the student has been working throughout his work in the major field.

The survey class will meet for two hours each week during the first 14 weeks of the semester. The examination will be given during the fourteenth week. It will consist of a two-hour essay followed on the next day by a two-hour objective test.

Students who pass this final comprehensive examination receive two units of credit which counts as a part of the speech major.

Students who are otherwise qualified to graduate, but who fail to earn a grade of "D" or better on the examination, may still receive their B.A. Degree provided this failure in two units of work does not reduce their grade point average or total units below the graduation requirements.

Credential candidates must earn a grade of "C" or better on the examination in order to satisfy the major requirement for a credential. Any student who fails to earn a satisfactory grade on the examination may petition to repeat the examination at the next time it is offered. Credential candidates who pass the examination in one of these subsequent attempts will have satisfied that portion of the major requirement.

Plan I

Two distinct credentials are available to students in speech: (A) The standard speech major, and (B) the major in correction of speech defects.

A. REQUIREMENTS FOR THE TEACHING MAJOR IN SPEECH

Lower Division (See Los Angeles City College catalog for L. A. C. C. courses):

Elements of Public Speaking (L. A. C. C. Speech 7 and 8 or equivalent)	6 units
Basic Voice Training (L. A. C. C. Speech 3, or equivalent)	3 units
Elementary Interpretation (L. A. C. C. Speech 1, or equivalent)	3 units
Freshman Composition (L. A. C. C. English 1 and 2, or equivalent)	6 units
Survey of English Literature (L. A. C. C. English 9 and 10, or equivalent)	6 units
Political and Social History of the United States (L. A. C. C. History 11 and 12, or equivalent)	3 units
Introductory Psychology (L. A. C. C. Psychology 21, or equivalent)	3 units
Elementary Physiological Psychology (L. A. C. C. Psychology 22, or equivalent)	3 units
Additional units to complete lower division requirements (see general requirements in both L. A. C. C. catalog and in this catalog)	24 units
	<hr/> 60 units

Upper Division:

Speech 100—Principles and Types of Group Discussion	3 units
Speech 107—Advanced Argumentation and Debate	3 units
Speech 110—Advanced Public Speaking	3 units
Speech 120—Theories and Techniques of Oral Interpretation	3 units
Speech 130—Advanced Voice and Diction	2 units
Speech 134—Principles and Methods of Speech Therapy	3 units
Speech 197—Senior Survey	2 units
Drama 164—Play Production in Secondary Schools	3 units
From English 170 through 179	3 units
From Journalism 164 or Radio 164	2 units
Additional units to complete upper division requirements (see general requirements)	37 units
	<hr/> 64 units

Graduate Division:

From Speech 200 through Speech 249, or from undergraduate speech courses marked "graduate credit"	6 units
Additional units to complete graduate requirements for the credential (see general requirements)	24 units
	<hr/> 30 units

REQUIREMENTS FOR THE TEACHING MINOR IN SPEECH

Lower Division:

Speech	6 units
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Upper Division:

Speech 100—Principles and Types of Group Discussion	3 units
Speech 107—Advanced Argumentation and Debate	4 units
Speech 110—Advanced Public Speaking	3 units
Speech 120—Theories and Techniques of Oral Interpretation	3 units
Speech 163—Speech in the Secondary School	3 units
	<hr/>
	22 units

B. REQUIREMENTS FOR THE TEACHING MAJOR IN CORRECTION OF SPEECH DEFECTS

The special credential in the correction of speech defects may be earned concurrently with one of the general credentials, but will not be granted until the general credential has first been awarded. A concurrent program will require at least 12 units of additional residence work.

Teachers who have already qualified for a general credential need only complete those courses, listed below, which they have not previously taken, provided that they complete a minimum of eight additional units selected from speech courses numbered 130 through 138, and four additional units in Speech 250.

Prerequisite:

Possession of a California General Elementary or General Secondary Credential.

Upper Division and Graduate Course Requirements:

Speech 130—Advanced Voice and Diction	2 units
Speech 131—American Phonetics	2 units
Speech 134—Principles and Methods of Speech Therapy	3 units
Speech 135—Speech Pathology	3 units
Speech 136—Clinical Practice	1 unit
Education 150 or 250—Directed Teaching in Correction of Speech Defects	2 units
	<hr/>
	13 units

No teaching minor is offered in correction of speech defects

Plan II**Requirements for the Speech Major in Applied Arts**

This program is designed for students who plan to qualify for a career as speech therapist in public institutions or in private practice. Upon completion of the graduate year, which is the culmination of this program, the student is awarded a Certificate of Speech Therapy.

Lower Division (See Los Angeles City College catalog for L. A. C. C. courses):

Basic Voice Training (L. A. C. C. Speech 3, or equivalent)	3 units
General Zoology or General Physiology (L. A. C. C. Zoology 5, or Physiology 1, or equivalent)	3 units
General Psychology (L. A. C. C. Psychology 21, or equivalent)	3 units
Additional units to complete lower division requirements (see general requirements in both L. A. C. C. catalog and in this catalog)	51 units
	<hr/>
	60 units

Upper Division:

Speech 110—Principles and Types of Group Discussion.....	3 units
Speech 120—Theories and Techniques of Oral Interpretation.....	3 units
Speech 130—Advanced Voice and Diction.....	2 units
Speech 131—American Phonetics.....	2 units
Speech 132—Origin and Development of Speech.....	2 units
Speech 134—Principles and Methods of Speech Therapy.....	3 units
Speech 135—Speech Pathology.....	3 units
Speech 136—Clinical Practice.....	2 units
Speech 197—Senior Survey.....	2 units
English 128—Interpreting Children's Literature.....	3 units
A minor in Psychology which must include: Psychology 102, 112, and 127, plus additional units to complete upper division requirements (see general requirements).....	39 units

 64 units
Graduate Division (Courses leading to the Certificate of Speech Therapy):

Speech 210—Speech Science.....	3 units
Speech 212—Speech and Hearing.....	3 units
Speech 215—Clinical Problems in Speech Therapy.....	3 units
Speech 236AB—Advanced Clinical Practice.....	16 units

 25 units

No speech minor is offered in applied arts (speech therapy)

Plan III**Requirements for the Speech Major in Liberal Arts****Lower Division** (See Los Angeles City College catalog for L. A. C. C. courses):

Elements of Public Speaking (L. A. C. C. Speech 7 and 8, or equivalent).....	6 units
Basic Voice Training (L. A. C. C. Speech 3, or equivalent).....	3 units
Elementary Interpretation (L. A. C. C. Speech 1, or equivalent).....	3 units
Freshman Composition (L. A. C. C. English 1 and 2, or equivalent).....	6 units
Survey of English Literature (L. A. C. C. English 9 and 10, or equivalent).....	6 units
Political and Social History of the United States (L. A. C. C. History 11 and 12, or equivalent).....	6 units
Introductory Psychology (L. A. C. C. Psychology 21, or equivalent).....	3 units
Elementary Physiological Psychology (L. A. C. C. Psychology 22, or equivalent).....	3 units
Additional units to complete lower division requirements (see general requirements).....	24 units

 60 units
Upper Division:

Speech 100—Principles and Types of Group Discussion.....	3 units
Speech 107—Advanced Argumentation and Debate.....	3 units
Speech 110—Advanced Public Speaking.....	3 units
Speech 120—Theories and Techniques of Oral Interpretation.....	3 units
Speech 130—Advanced Voice and Diction.....	2 units
Speech 197—Senior Survey and Examination.....	2 units
English 100—History and Philosophy of the English Language.....	2 units
From English 106A through English 106L.....	2 units
From English 117J through English 128.....	6 units
Additional units to complete upper division requirements (see general requirements).....	38 units

 64 units

*Requirements for the Speech Minor in Liberal Arts***Lower Division:**

Speech 6 units

Upper Division:

From Speech 100, 110, 120 6 units

Speech 107 4 units

COURSES OF INSTRUCTION IN SPEECH**PUBLIC SPEAKING (100-119)****100 Principles and Types of Group Discussion (3) II**

Prerequisite: Six units of speech preferably L. A. C. C. Speech 7 and 8.

Theory and practice with panels, symposiums, lecture forums, and informal discussions. Attention given to parliamentary procedure. (Formerly Speech 104.)

107 Advanced Argumentation and Debate (3) I

Prerequisite: L. A. C. C. Speech 7 and 8, or Speech 11 and 12, or evidence of equivalent achievement.

Form of argument, analysis of propositions, techniques for obtaining and organizing evidence, construction and use of the brief, and participation in debate. Three regular class sessions weekly, each class session followed by a one-hour debate period.

110 Advanced Public Speaking (3) I, II

Prerequisite: Six units of speech, preferably L. A. C. C. Speech 7 and 8.

Preparation and delivery of formal speeches. Emphasis on speech composition for special occasions.

112 Advanced Speech for Professional Men and Women (2)

Prerequisite: Two units of collegiate speech work, or evidence of equivalent achievement.

Survey course which includes group discussion, parliamentary procedure, and the preparation and delivery of speeches. Attention given to the application of speech techniques to practical situations. Offered in Extended Day and Summer Sessions. (Formerly Speech 114.)

INTERPRETATION (120-129)**120 Theories and Techniques of Oral Interpretation (3) I, II**

Prerequisite: Six units of speech, including L. A. C. C. Speech 1 or equivalent.

Student presentation of poetry and prose in both solo and group form. (Formerly Speech 110.)

130 Advanced Voice and Diction (2) I, II

Prerequisite: Three units of Voice Training or consent of instructor.

Advanced studies in phonation, articulation and pronunciation. Special attention given to diction for classroom teachers, for the public speaker and for the stage. (Formerly Speech 122.)

SPEECH THERAPY COURSES (131-138)**131 American Phonetics (2) I**

Prerequisite: 3 units of voice training or the consent of instructor. International phonetic alphabet; analysis of the sounds of American speech; application of phonetics to articulation to the teaching of speech, and to speech therapy. (Formerly listed as English 146.)

132 Origin and Development of Speech (2) II

Investigation of the development of speech in the individual, and of the relationship of speech to thought, emotion, and personality; the inter-relationships of speech to the other facets of language.

134 Principles and Methods of Speech Therapy (3) I, II

Characteristics, causes, and treatment of speech disorders. Lectures, case presentations, laboratory demonstrations, selected readings. Students who have not previously completed Speech 131 must register concurrently in that course.

135 Speech Pathology (3) II

Prerequisite: Speech 134.

Study of major speech disorders, including those caused by serious hearing loss, cleft palate, and cerebral palsy.

136A, B, C, D Clinical Practice (1 or 2) I, II

Prerequisite: Consent of instructor. To be taken concurrently with Speech 134 or 135. Practical experience in the correction of speech defects.

138 Individual Speech Therapy (1) I, II

Practical individualized assistance for students who have defective speech. One group meeting each week, and one additional private conference with the instructor each week.

TECHNIQUE COURSES (160-189)

161 Methods of Storytelling (2) I

Analysis and classification of stories by age groups; study of sources; adaptation of stories to the audience; practice in storytelling.

163 Speech in the Secondary School (3) II

Survey of speech textbooks suitable for secondary schools; techniques and teaching speech in secondary school, including public speaking, oral interpretation, and debate.

SPECIAL UNDERGRADUATE COURSES (190-199)

197 Senior Survey (2) I, II

Integrative survey of the major field culminating in a comprehensive final examination. Open only to, and required of, all majors in speech. Students who need this course in 1950 may petition for it, but unless demand warrants it will not be offered in 1950.

199 Directed Individual Studies (Cr. arr. to maximum of four)

Offered only when a faculty member is available and approves the study program proposed by the student. Regularly scheduled conferences with the supervising instructor, who will give oral or written examination. Limited to seniors. May be taken only once for credit.

GRADUATE COURSES (200-250)

Pending a subsequent announcement concerning the granting of the M.A. Degree, graduate courses are offered primarily for the benefit of candidates for the various speech credentials and for the Certificate in Speech Therapy.

200 Bibliography and Research (3)

Fields, methods, procedures, and standards for research. Individual research projects undertaken by students. Offered each Fall, if demand warrants, starting 1953.

205 Proseminar in Dramatic Interpretive Recitals (3)

Prerequisites: Speech 120 and consent of instructor. Not offered 1950-51.

Planning and presenting monodramas and play reviews for recitals, radio, and television.

210 Speech Science (3)

Scientific aspects of speech, including anatomical physiological, and acoustical characteristics of the normal speech and hearing mechanism. Offered each Fall, if demand warrants. Primarily intended for speech and/or hearing therapy students.

236A-B Advanced Clinical Practice (8-8) Hours arranged

Prerequisite: Consent of instructor. Internship as speech therapist. Represents culmination of the speech therapy program. Not offered in 1950-51.

249 Thesis (Cr. arr. to maximum of six) I, II

Not offered pending the time when the M.A. Degree may be granted.

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