CALENDAR
1931-1932

1931

June 1
June 29
August 7
August 1
September 8-12
September 14-15
September 16
October 1
November 11
November 26-28
December 21

Twentieth Annual Commencement.
Summer Session begins.
Summer Session closes.
Last day for receiving applications 
for admission.
“Freshman Week.”
Registration, Twenty-fourth Annual 
Session.
Instruction begins.
Last day for receiving applications 
from candidates for advanced 
degrees.
Armistice Day.
Thanksgiving Recess.
Christmas Recess begins.

1932

January 4
January 25-30
February 2
February 22
March 25-26
April 15
May 6
May 28-June 3
June 6
August 1
September 6-10
September 12-13

Work resumed.
Mid-year examinations.
Registration, Second Semester.
Washington’s Birthday.
Good Friday Recess.
Last day for receiving requests for 
examinations for advanced 
degrees.
Tenth Annual Contest for Berndt 
Prize.
Final Examinations.
Twenty-first Annual Commence-
ment.
Last day for receiving applications 
for admission.
“Freshman Week.”
Registration, Twenty-fifth Annual 
Session.

Monday
Monday
Friday
Saturday
Tues.-Sat.
Mon.-Sat.
Wednesday
Wednesday
Thursday
Mon.-Sat.
Monday

Monday
Mon.-Sat.
Tuesday
Monday
Fri.-Sat.
Friday
Sat.-Fri.
Monday
Monday
Tues.-Sat.
Mon.-Tues.
THE BOARD OF REGENTS

CHARLES R. HEMENWAY, Chairman

DAVID L. CRAWFORD, Secretary

REV. AKAIKO AKANA

GEORGE H BROWN

DR. CHARLES B. COOPER

MARY DILLINGHAM FREAR

ARTHUR G. SMITH
GENERAL INFORMATION

LOCATION.—The University is located about three miles from the business center of Honolulu, in Manoa Valley, overlooking Waikiki Beach, which is about two miles distant.

CURRICULUM.—The University offers courses in the arts and sciences, education, commerce, agriculture, engineering, sugar technology and home economics. Evening courses are offered.

SEMESTERS.—The University year is divided into two semesters of 18 weeks each and a summer session of six weeks. The first semester of the next University year is from September 14 to January 30, the second semester from February 2 to June 6, and the 1931 summer session is from June 29 to August 7.

CREDITS.—One unit of credit represents one lecture or laboratory period per week throughout the semester, or three per week throughout the summer session. Grade points are determined by the grade of the student's work in each course.

ADMISSION.—Only candidates who offer 15 (or 12*) acceptable units of high school work with a good average grade, or the equivalent, are admitted. Application should be sent in early in the summer, before June 30, if possible.

FRESHMAN WEEK.—Every Freshman is expected to be at the University during “Freshman Week,” September 8-12. Entrance examinations, consultations with officers and instructors, and introductory lectures occupy the “week.”

DISBURSEMENT OF FUNDS.—All disbursement of funds appropriated by the Territorial Legislature of Hawaii for the support of the University is by the territorial treasurer upon warrants issued by the territorial auditor, upon vouchers approved by the board of regents. Funds received by the University from other sources, except from the federal government, are turned into the territorial treasury and disbursed in the same manner as appropriated funds.

The University of Hawaii is a Land Grant College and, therefore, receives annually $50,000 from the federal government. This money is disbursed by the Bank of Bishop & Co., Ltd., upon vouchers approved by the board of regents.

CHARTER.—The University of Hawaii was established by enactment of the Territorial Legislature. The charter is published in Revised Laws of Hawaii, 1925, Chapter 33, Sections 409-411.

BOARD OF REGENTS.—The affairs of the University are under the control of a Board of Regents, which is composed of seven members, five of whom are appointed by the Governor of Hawaii for a term of five years, and two are ex-officio, the President of the Board of Agriculture and Forestry and the President of the University.

* See page 31.
OFFICERS OF ADMINISTRATION

David L. Crawford, M.A., President of the University
2355 Oahu Ave.

Arthur R. Keller, M.S., Vice-President and Dean of the College of Applied Science
2456 Oahu Ave.

Gerald R. Kinnear, M.B.A., Treasurer and Business Manager
3041 Oahu Ave.

Helen B. MacNeil, A.B., Registrar
2010 Hunnewell St.

Arthur L. Andrews, Ph.D., Dean of the Faculties
2346 Liloa Rise

William H. George, Ph.D., Dean of the College of Arts and Sciences

Harold S. Palmer, Ph.D., Chairman, Committee on Graduate Study
1450 Kewalo St.

Royal N. Chapman, Ph.D., Dean of the Graduate School of Tropical Agriculture
2447 Parker Place

Leonora Neuffer Bilger, Ph.D., Dean of Women
2328 Seaview Ave.

Thayne M. Livesay, M.A., Director of the School of Education and of the Summer Session

Mary P. Pringle, University Librarian
Pleasanton Hotel

Allan B. Bush, Superintendent of Buildings and Grounds
University Campus

Frederick A. Potter, Superintendent of Aquarium
2727 Kalakaua Ave.

ASSISTANTS

Lenore T. Hoffman, Secretary to the President, University of Hawaii
Myrtle B. Swanson, Secretary to the Treasurer, 3037 Oahu Ave.

Thelma Rothwell, Secretary to the Deans, 1728 Poki St.

Berenice M. McPherren, B.B.A., Assistant to the Registrar, Beach Walk Hotel

Lucille Hodgins, Assistant to the Dean of Women, Women's Dormitory

Theodore Searle, B.S., Proctor of Men's Dormitory, Men's Dormitory

Florence Iseman, Cashier, Business Office, University of Hawaii

Rose Beller, Voucher Clerk, Business Office, 714 15th Ave.

Maria Palmer, Voucher Clerk, Business Office, 1617 Young St.

Chester Chang, Clerk, University Bookstore, 27 Kaulua St.

Mabel May, Operator, Telephone Exchange, Cluett House.

Clarence E. Owen, Mechanic, University Shops, 1242 Palolo Ave.

Roy Calvert, Assistant Mechanic, University Shops, 3473 Alohea Ave.
STANDING COMMITTEES OF THE FACULTY
(1930-1931)


COLLEGE OF APPLIED SCIENCE
DEAN: ARTHUR R. KELLER, M.S.

AGRICULTURAL SCIENCES:

AGRICULTURE:

LOUIS A. HENKE, M.S., Professor of Agriculture, (1916)*
B.S., Univ. Wisconsin, 1912; M.S., Univ. Wisconsin, 1923; Graduate
Study, Univ. Wisconsin, 1929-1930

2657 Terrace Drive

HAROLD A. WADSWORTH, B.S., Associate Professor of
Agriculture, (1928)
B.S., Univ. California, 1916; Graduate Study, Stanford Univ., 1927-
1928

1725 Dole St.

JULIUS L. COLLINS, Ph.D., Associate Professor of Genetics,
(1930)
B.S., Univ. California, 1918; Ph.D., Univ. California, 1923; Geneticist,
A.H.P.C. Experiment Station.

2734 Kahawai St.

J. M. WESTGATE, M.S., Lecturer in Agronomy and Tropical
Agriculture, (1929)
B.S., Kansas Agric. College, 1897; M.S., Kansas Agric. College, 1899;
Graduate Study, Univ. Chicago, 1901-1903; Director of Hawaii Agricul-
tural Experiment Station.

Experiment Station Reservation,
Tantalus Road.

JULIUS L. COLLINS, Ph.D., Associate Professor of Genetics,
(1930)
B.S., Univ. California, 1918; Ph.D., Univ. California, 1923; Geneticist,
A.H.P.C. Experiment Station.

2734 Kahawai St.

J. M. WESTGATE, M.S., Lecturer in Agronomy and Tropical
Agriculture, (1929)
B.S., Kansas Agric. College, 1897; M.S., Kansas Agric. College, 1899;
Graduate Study, Univ. Chicago, 1901-1903; Director of Hawaii Agricul-
tural Experiment Station.

Experiment Station Reservation,
Tantalus Road.

CHARLES M. BICE, B.S., Assistant Professor of Poultry
Husbandry, (1927)
B.S., Univ. Wisconsin, 1927

2002-E Hunnewell St.

MITSUGI MANEKI, B.S., Assistant in Agriculture
B.S., Univ. of Hawaii, 1929

1710 Fort St.

BOTANY:

ROSS S. BEAN, B.S., Assistant Professor of Botany, (1927)
B.S., Brigham Young Univ., 1921; Graduate Study, Univ. California,
1925-1927

1716 Hunnewell St.

OSCAR NELSON ALLEN, Ph.D., Assistant Professor of Plant
Pathology and Bacteriology, (1930)
B.A., Univ. Texas, 1927; M.A., Univ. Texas, 1927; Ph.D., Univ. Wis-
consin, 1930

2105 Mohala Way

ENTOMOLOGY:

MERRILL K. RILEY, M.S., Instructor in Entomology, (1929)
B.S., Colorado State College, 1927; M.S., South Dakota State College,
1929

2535-B East Manoa Road

CHEMISTRY AND SUGAR TECHNOLOGY:

FRANK T. DILLINGHAM, M.A., Professor of Chemistry and
Sugar Technology, (1909)
B.S., Worcester Polytechnic Institute, 1901; M.A., Yale Univ., 1916;
Fellow in Plant Nutrition, Univ. California, 1922-1923

2562 Jones St.

* Indicates date of appointment on the Faculty of the University of Hawaii.
University of Hawaii

RICHARD WRENSHALL, Ph.D., Associate Professor of Chemistry, (1919)
Ph.B., Yale Univ., 1911; Ph.D., Yale Univ., 1915
3546 Woodlawn Drive

EARL M. BILGER, Ph.D., Assistant Professor of Chemistry, (1925)
B.S., Wesleyan Univ., 1920; M.A., Wesleyan Univ., 1921; Ph.D., Yale Univ., 1925; Graduate Study, Univ. Cincinnati, 1928-1929
2328 Seaview Ave.

GIICHI FUJIMOTO, M.S., Instructor in Chemistry, (1921)
B.S., Univ. Hawaii, 1921; M.S., Univ. Hawaii, 1923
1524 Farrington St.

ENGINEERING:
ARTHUR R. KELLER, M.S., Professor of Engineering and Dean of College of Applied Science, (1909)
C.E., Cornell Univ., 1903; LL.B., National University, 1906; S.M.C.E., Harvard Univ., 1916; M.S., Massachusetts Institute of Technology, 1916
2456 Oahu Ave.

CARL B. ANDREWS, M.S., Professor of Engineering, (1920)
B.S., Rose Polytechnic Institute, 1908; M.S., Rose Polytechnic Institute, 1909; C.E., Rose Polytechnic Institute, 1917; M.S., Massachusetts Institute of Technology, 1923
2356 Waolani St.

JOHN MASON YOUNG, M.M.E., Professor of Engineering, (1908)
B.S., Univ. Florida, 1898; M.E., Cornell Univ., 1902; M.M.E., Cornell Univ., 1904; President, Pacific Engineering Company, Honolulu
Absent on Leave

ERNEST C. WEBSTER, C.E., Professor of Engineering and Mathematics, (1925)
Ph.B., Yale Univ., 1904; C.E., Yale Univ., 1906
1836 Punahou St.

ALFRED OXLEY GILES, B.S., Assistant in Engineering, (1930)
B.S., Univ. Hawaii, 1929
1048 Kinau St.

GEOLOGY:
HAROLD S. PALMER, Ph.D., Professor of Geology, (1920)
B.A., Yale Univ., 1912; Ph.D., Yale Univ., 1923; Graduate Study, Univ. Vienna, 1926-1927
1450 Kewalo St.

HOME ECONOMICS:
CAREY D. MILLER, M.S., Associate Professor of Food and Nutrition, (1922)
A.B., Univ. California, 1917; M.S., Columbia Univ., 1922; Graduate Study, Yale Univ., 1928-1929
2627 Kaalipu St.

ANNA B. DAHL, Assistant Professor of Textiles and Design, (1917)
Formerly head of Vienna School of Costume Design, San Francisco; Exposition of the New Applied Art, Paris, France; Viennet School of Design, Paris, France, 1925
2105 Hunnewell St.

KATHERINE BAZORE, M.A., Instructor in Home Economics, (1929)
B.S., Ohio State Univ., 1917; M.A., Teachers College, Columbia Univ., 1925
2226 Hyde St.
Officers of Instruction

LILLIAN E. SMITH, Assistant in Textiles, (1927)
Vienna School of Costume Design, San Francisco, 1912-1916; Fashion Academy, San Francisco, 1924
2105 Hunnewell St.

ADA BEATRICE ERWIN, B.S., Lecturer in Home Economics, (First Semester)
B.S., South Dakota State College, 1909; B.S., Teachers College, Columbia Univ., 1914; Spelman Scholar, 1929-1930, assigned to Merrill-Palmer, Cornell Univ. and Univ. Minnesota
2827 Kaalau St.

MATHEMATICS:

JOHN S. DONAGHHO, M.A., Professor of Mathematics and Astronomy, (1908)
B.A., Marietta College, 1889; M.A., Marietta College, 1897
961 Alewa Drive

ELVIN ALBERT HOY, B.S., Instructor in Engineering and Mathematics, (1930)
B.S., Oregon State Agricultural College, 1925
2123 Armstrong St.

RUTH L. T. YAP, M.A., Instructor in Mathematics, (1928)
B.A., Univ. Hawaii, 1923; M.A., Univ. Hawaii, 1925; Graduate Study, Columbia Univ., 1926-1928
3465 Waialae Ave.

PHYSICS:

PAUL KIRKPATRICK, Ph.D., Professor of Physics, (1923)
B.S., Occidental College, 1918; Ph.D., Univ. California, 1923; Graduate Study, Cornell Univ., 1929-1930
2156 Atherton Road

WILLARD H. ELLER, Ph.D., Assistant Professor of Physics, (1928)
B.S., Univ. California, 1914; M.S., Univ. Washington, 1925; Ph.D., Univ. California, 1928
2839 Oahu Ave.

IWAO MIYAKE, M.S., Instructor in Physics, (1927)
B.S., Univ. Hawaii, 1926; M.S., Univ. Hawaii, 1929; Graduate Study, Univ. California, 1929
Nuuanu Japanese Church

SUGAR TECHNOLOGY (See Chemistry):

COLLEGE OF ARTS AND SCIENCES

DEAN: WILLIAM H. GEORGE, Ph.D.

ANTHROPOLOGY:

HARRY L. SHAPIRO, Ph.D., Research Professor of Physical Anthropology, (1930)

WILLIAM A. LESSA, A.B., Research Associate in Physical Anthropology, (1930)
A.B., Harvard Univ., 1928; Graduate Study, Harvard Univ., 1928-1929; Research Fellow, Constitution Clinic, Presbyterian Hospital, New York, 1929-1930
2422 Tusitala St.
FREDERICK S. HULSE, M.A., Research Assistant in Physical Anthropology, (1930)
165 Kealohilani Ave.

MARGARET M. LAM, B.A., Research Assistant in Physical Anthropology, (1930)
B.A., Univ. Hawaii, 1929
1439 Keeaumoku St.

DON LING, Clerical Assistant in Physical Anthropology
2288 Liliha St.

JITSUICHI MASUOKA, A.B., Clerical Assistant in Physical Anthropology
A.B., College of Emporia, 1928; Graduate Study, Univ. Kansas, 1928-29; Univ. Hawaii, 1930-31
1239 South King St.

ART:

ADELAIDE MORRIS, M.A., Associate Professor of Art and Design, (1929)
A.B., Univ. Colorado, 1903; M.A., Univ. Colorado, 1917; Graduate Study, Art Institute, Chicago; Univ. California at Los Angeles
3710 Harding Ave.

HUC-MAZELET LUQUIENS, B.F.A., Assistant Professor of Art, (1924)
B.A., Yale Univ., 1902; B.F.A., Yale Univ., 1908
1646 Bingham St.

HENRY H. REMPEL, B.E., Instructor in Art, (1929)
B.E., Univ. California at Los Angeles, 1928
2320 University Ave.

CATHERINE E. B. COX, B.A., Lecturer in Art, (1929)
B.A., Bryn Mawr College, 1889; Associated with Honolulu Academy of Arts
2762 Laniloa Road

BOTANY:

HAROLD ST. JOHN, Ph.D., Professor of Botany, (1929)
A.B., Harvard Univ., 1914; M.A., Harvard Univ., 1915; Ph.D., Harvard Univ., 1917; Graduate Study, Sorbonne, France, 1918
2365 Oahu Ave.

ROSS S. BEAN, B.S., Assistant Professor of Botany, (1927)
B.S., Brigham Young Univ., 1921; Graduate Study, Univ. California, 1925-1927
1716 Hunnewell St.

ERLING CHRISTOPHERSEN, Ph.D., Lecturer in Botany, (1928)
Ph.B., Yale Univ., 1920; Ph.D., Yale Univ., 1924; Botanist at Bishop Museum, Honolulu; formerly at the Royal Frederick Univ., Oslo, Norway
Bishop Museum

WILLIAM C. DAVIS, M.S., Assistant in Botany, (1930)
B.A., Iowa State Univ., 1929; M.S., Iowa State Univ., 1930
2657 Terrace Drive

ECONOMICS AND BUSINESS:

MERTON K. CAMERON, Ph.D., Professor of Economics, (1928)
A.B., Princeton, 1908; M.A., Harvard Univ., 1914; Ph.D., Harvard Univ., 1921
1719 Dole St.
MATTHEW M. GRAHAM, C.P.A., Professor of Accounting, (1927)
C.A., Institute of Accountants and Actuaries, Glasgow, Scotland, 1906;
C.P.A., Territorial Board of Accountancy
2646 Oahu Ave.

VICTOR W. BENNETT, M.A., Assistant Professor of Commerce, (1928)
B.A., Gettysburg College, 1917; M.A., Gettysburg College, 1918; M.A.,
Univ. Pittsburgh, 1924; Graduate Study, Univ. Wisconsin and Stanford
Univ.
Niumalu Hotel

EDUCATION AND PSYCHOLOGY:

THAYNE M. LIVESAY, M.A., Professor of Education and
Psychology and Director of the School of Education, (1924)
A.B., Pacific Univ., 1917; M.A., Univ. Washington, 1921; Graduate
Study, Stanford Univ.
Absent on Leave, Second Semester

STANLEY D. PORTEUS, Director of Psychological Clinic and
Professor of Clinical Psychology, (1922)
Lecturer Experimental Education, Univ. Melbourne, 1916; Research
Scholar, Anatomy Department, Univ. Melbourne, 1918; Director Research
Laboratory, Vineland, N. J., 1919-1925
2620 Anuenue St.

FRED E. ARMSTRONG, M.S., Associate Professor of Agricultural
Education, (1926)
B.S., Clemson College, 1918; M.S., Univ. Minnesota, 1921
2108 Haena Drive

MARJORIE ELIZABETH BABCOCK, M.A., Assistant Director
of Psychological clinic
B.A., Wells College, 1919; M.A., Univ. Hawaii, 1927
2416 Parker St.

E. LOWELL KELLY, Ph.D., Assistant Professor of Education
and Psychology, (1930)
B.S., Purdue Univ., 1926; A.M., Colorado State Teachers College, 1928;
Ph.D., Stanford Univ., 1930
2163 Atherton Rd.

WEEBER, LORLE S., Ph.D., Lecturer in Psychology, (1931)
A.B., Bryn Mawr, 1912; A.M., Bryn Mawr, 1913; Ph.D., Columbia
Univ., 1916
3030 Hibiscus Drive

SAYERS, EPHRAIM V., Ph.D., Lecturer in Education, (1931)
A.B., Indiana Univ., 1914; A.M., Indiana Univ., 1921; Ph.D., Columbia
Univ., 1929
2105 Mohala Way

ROBERT R. SPENCER, B.A., Supervisor of Practice Teaching,
(1930)
B.A., Univ. Hawaii, 1923; Graduate Study, Stanford Univ., 1925-1926;
Principal, Washington Junior High School, Honolulu
2212 McKinley St.

ENGLISH:

ARTHUR L. ANDREWS, Ph.D., Professor of English and Dean
of the Faculties, (1910)
B.L., Cornell Univ., 1898; M.L., Cornell Univ., 1895; Ph.D., Cornell
Univ., 1902; L.H.D. (Honorary), Tufts, 1928
2346 Liloa Rise
Charles H. Neil, M.A., Associate Professor of English, (1921)
B.A., Univ. South Carolina, 1903; M.A., Yale Univ., 1930
Hillside Ave. Pacific Club

Laura V. Schwartz, Ph.D., Assistant Professor of English, (1924)
B.A., College of Pacific, 1920; M.A., Stanford Univ., 1921; Ph.D., Stanford Univ., 1924
2726 Hillside Ave.

Gregg M. Sinclair, M.A., Assistant Professor of English, (1928)
A.B., Univ., Minnesota, 1912; M.A., Columbia Univ., 1919
2129 Kamehameha Ave.

Arthur E. Wyman, B.S., Assistant Professor of Dramatic Art, (1930)
B.S., Dartmouth, 1911
Pacific Club

N. B. Beck, M.A., Instructor in English, (1928)
A.B., Univ. Washington, 1924; M.A., Univ. Washington, 1925; Graduate Study, Stanford Univ., 1928;
Univ. Wisconsin, 1928
Iolani School

Carl G. Stroven, M.A., Instructor in English, (1927)
A.B., Stanford Univ., 1926; M.A., Stanford Univ., 1928
Absent on Leave

Cecyl B. Lovejoy, A.M., Instructor in English, (1930)
1926-1927; 1929-1930
418-A Kalaimoku St.

Beulah M. Young, A.M., Instructor in English, (1930)
A.B., Syracuse Univ., 1919; A.M., Teachers College, Columbia Univ., 1928
Niumalu Hotel

Thomas Blake Clark, M.A., Instructor in English, (1930)
A.B., Vanderbilt Univ., 1929; M.A., Vanderbilt Univ., 1930
2189 Kalia Rd.

Willard Wilson, M.A., Instructor in English, (1930)
B.A., Occidental College, 1929; M.A., Columbia Univ., 1930
2189 Kalia Rd.

George J. Peavey, A.B., Instructor in English (1930)
A.B., Univ. Denver, 1924; Graduate Work, Univ. Hawaii, 1929-1930
Mohala Way

Jane S. Stewart, A.B., Assistant in English, (1930)
A.B., Smith College, 1930
Fort Shafter.

Geography:
John Wesley Coulter, Ph.D., Instructor in Geography, (1928)
B.A., Univ. California, 1919; M.A., Univ. California, 1921; Ph.D., Univ. Chicago, 1926
1944 Keeauumoku St.

German:
Maria Hormann, B.A., Instructor in German Language, (1927)
Staatsexamen fur Hohere Tochterschulen, Berlin, Germany, 1905; B.A., Univ. Hawaii, 1923
1036 Green St.
Hawaiian:

John H. Wise, Professor of Hawaiian Language, (1926)
Oberlin College, 1890-1893
1910 Fort St.

History and Political Science:

William H. George, Ph.D., Professor of History and Political Science and Dean of the College of Arts and Sciences, (1930)
A.B., Harvard Univ., 1902; M.A., Princeton, 1906; Ph.D., Harvard Univ., 1921; Graduate Study under Dr. Duguit, Univ. Bourdeaux
Pleasanton Hotel

Graham H. Stuart, Ph.D., Visiting Professor of Political Science, (First Semester 1930-1931)
A.B., Western Reserve Univ., 1908; A.M., Univ. Wisconsin, 1918; Ph.D., Univ. Wisconsin, 1929; Prof. of Political Science, Stanford Univ.

Paul S. Bachman, Ph.D., Assistant Professor of Political Science, (1927)
B.A., Ohio State Univ., 1922; M.A., Univ. Washington, 1924; Ph.D., Univ. Washington, 1927
2163-A Atherton Rd.

Linden A. Mander, M.A., Exchange Professor of Political Science, (Second Semester)
B.A., Univ. Adelaide, 1917; M.A., Univ. Adelaide, 1920; Associate Professor of Political Science, Univ. Washington
2163-A Atherton Rd.

Thomas A. Bailey, Ph.D., Assistant Professor of History, (1927)
A.B., Stanford Univ., 1924; M.A., Stanford Univ., 1925; Ph.D., Stanford Univ., 1927
Absent on Leave

Kalfred Dip Lum, Ph.D., Assistant Professor of Political Science, (1926)
1020 Pulaa Lane, N. King St.

Mary Katherine Chase, Ph.D., Assistant Professor of History, (1929)
Absent on Leave

Ralph S. Kuykendall, M.A., Assistant Professor of History, (1923)
A.B., College of Pacific, 1910; M.A., Univ. California, 1918; Executive Secretary, Hawaiian Historical Commission, Honolulu
1635 Dole St.

Kenneth L. Culver, M.A., Instructor in History, (1930)
B.A., Univ. California, 1929; M.A., Univ. California, 1930
234-B Ohua Ave.

Donald Winslow Rowland, Ph.D., Instructor in History, (1930)
A.B., Univ. California, 1925; M.A., Univ. California, 1926; Ph.D., Univ. California, 1930
234-F Ohua Ave.

*Absent on leave second semester, exchanging for Mr. Mander.
ORIENTAL STUDIES:

TASUKU HARADA, D.D., LL.D., Professor of Japanese Language and History, (1930)
B.D., Yale Univ., 1891; D.D., Amherst, 1910; LL.D., Edinburgh, Scotland, 1910; President Doshisha Univ., Kyoto, Japan, 1907-1919
2259 Seaview Ave.

SHAO CHANG LEE, M.A., Professor of Chinese Language and History, (1922)
Graduate Canton Christian College, China, 1911; Graduate Tsing Hua College, Peiping, China, 1913; A.B., Yale Univ., 1917; M.A., Columbia Univ., 1918
816 10th Ave.

KENNETH J. SAUNDERS, Litt.D., Lecturer on Oriental Affairs, (First Semester)
B.A., Cambridge Univ., 1905; M.A., Cambridge Univ., 1913; Litt.D., Cambridge Univ., 1925

GEORGE TADAO KUNITOMO, M.A., Instructor in Japanese Language, (1929)
Graduate Aoyama Gakuin College, Japan, 1918; M.A., Oberlin, 1923
727 Spencer St.

B.A., Yenching Univ., Peiping, China, 1928
1548 Young St.

POLITICAL SCIENCE (See History):

PSYCHOLOGY (See Education):

ROMANCE LANGUAGES, (French, Spanish):

IRVING O. PECKER, A.B., Professor of Romance Languages, (1919)
A.B., Boston Univ., 1912; Alliance Francaise, Sorbonne, Paris; French Consul and Spanish Vice-Consul to the Hawaiian Islands
Royal Hawaiian Hotel

MARGUERITE McGEE, B.A., Instructor in Romance Languages, (1927)
B.A., Stanford Univ., 1916; Graduate Study, Stanford Univ., 1919-1920; Centro de Estudios Historicos, Madrid, Spain; Sorbonne, Paris
Colonial Hotel

HELENE BOUCHER BIGGS, A.B., Instructor in French, (1928)
A.B., Oberlin College, 1917; Graduate Study, Univ. Chicago; Study in Paris, 1917-1919 and 1923
2373 Alawai Blvd.

SOCIOLoGY:

ROMANZO ADAMS, Ph.D., Professor of Sociology, (1920)
A.B., Univ. Michigan, 1897; M.A., Univ. Michigan, 1898; Ph.D., Univ. Chicago, 1904
2315 Liloa Rise

E. B. REUTER, Ph.D., Research Professor of Sociology, (1930)
A.B., Univ. Missouri, 1910; A.M., Univ. Missouri, 1911; Ph.D., Univ. Chicago, 1919; Professor of Sociology, University of Iowa
2327 Liloa Rise

ANDREW W. LIND, M.A., Assistant Professor of Sociology, (1927)
A.B., Univ. Washington, 1924; M.A., Univ. Washington, 1925; Graduate Study, Univ. Chicago, 1925-1927
Absent on Leave
Officers of Instruction

CLARENCE E. GLICK, M.A., Research Associate in Sociology, (1929)
B.A., DePauw, 1927; M.A., Univ. Chicago, 1928; Graduate Study, Univ. Chicago, 1928-1929
2136 Kamehameha Ave.

MARGARET BERGEN, Lecturer in Sociology, (1929)
Formerly Director of Social Service Bureau, Honolulu
2105 Hunnewell St.

LLOYD R. KILLAM, M.A., Lecturer in Sociology, (1927)
A.B., Jewell, 1908; M.A., Brown, 1911; M.A., Columbia Univ., 1927;
Dean, Hawaii School of Religion
2628 East Manoa Road

DORIS M. LORDEN, M.A., Research Fellow in Sociology, (1930)
A.B., Univ. Iowa, 1929; M.A., Univ. Iowa, 1930
2163-B Atherton Road

ZOOLGY:

CHARLES H. EDMONDSON, Ph.D., Professor of Zoology, (1920)
Ph.B., Univ. Iowa, 1903; M.S., Univ. Iowa, 1904; Ph.D., Univ. Iowa, 1906
2019 Vancouver Highway

CHRISTOPHER J. HAMRE, Ph.D., Assistant Professor of Zoology, (1930)
A.B., St. Olaf College, 1923; M.S., Univ. Wisconsin, 1927; Ph.D., Univ. Wisconsin, 1930
Pleasanton Hotel

JENS M. OSTERGAARD, Instructor in Zoology, (1920)
2418 Kuhio Ave.

MERRILL K. RILEY, M.S., Instructor in Entomology and Zoology, (1929)
B.S., Colorado State College, 1927; M.S., South Dakota State College, 1929
2535-B East Manoa Road

DEPARTMENT OF PHYSICAL EDUCATION

ATHLETICS AND RECREATION:

OTTO KLUM, B.A., Professor of Physical Education and Director of Athletics, (1921)
B.A., Univ. Hawaii, 1930
2119 Rainbow Drive

MAY K. GAY, M.A., Instructor in Physical Education, (1925)
B.A., Univ. Hawaii, 1923; M.A., Columbia Univ., 1925
1611 Keeaumoku St.

EUGENE GILL, B.S., Instructor in Physical Education, (1930)
B.S., Oregon State College, 1925; Graduate Study, Univ. Oregon; Oregon State College
Donna Hotel

THEODORE SEARLE, B.S., Assistant in Physical Education, (1929)
B.S., Univ. Hawaii, 1926
Men’s Dormitory

ELIZABETH RATH MACK, B.A., Assistant in Physical Education, (1930)
B.A., Wellesley College, 1929
1267-A Matlock Ave.
HEALTH AND HYGIENE:

ROBERT B. FAUS, M.D., Professor of Physical and Medical Education, (1930)
M.D., Univ. Chicago Rush Medical, 1922
2323 Ferdinand Ave.

GENEVA CASEY, Assistant, University Dispensary, (1930)
4051 Pohoa Ave.

DEPARTMENT OF MILITARY SCIENCE AND TACTICS

ADNA G. CLARKE, Colonel, LL.B., (Retired), Professor of Military Science and Tactics, (1921)
LL.B., Kansas Univ., 1897; B.A., Kansas Univ., 1900; Graduate Artillery School, 1906; Distinguished Graduate, School of the Line, 1913; Graduate Army Staff College, 1914
2125 Armstrong St.

CECIL J. GRIDLEY, Captain (D.O.L.), Assistant Professor of Military Science and Tactics, (1927)
Graduate of Infantry School, 1922
2036 Lanihuli Drive

ERNEST A. RUDELIUS, Captain (D.O.L.), Assistant Professor of Military Science and Tactics, (1929)
Graduate of Infantry School, 1926
431 Olohana Ave.

B.A., Univ. Hawaii, 1930
1754 Mikahala Way

ARTHUR MENIATIS, Sergeant, 64th Coast Artillery, Instructor in Military Science and Tactics

PAUL SANDERS, B.M., Instructor in Band Music
B.M., Univ. of Wisconsin, 1922
2125 McKinley St.

GRADUATE SCHOOL OF TROPICAL AGRICULTURE

ROYAL N. CHAPMAN, Ph.D., Dean of the School
B.A., Minnesota, 1914; M.A., Minnesota, 1915; Ph.D., Cornell, 1917; member university staff, Minnesota, 1916-1930; Travelling Professor International Education Board, Rockefeller Foundation, 1927; Director, Experiment Station, A.H.P.C.

BOTANY AND PATHOLOGY:

OSCAR NELSON ALLEN, Ph.D., Bacteriology
B.A., Univ. Texas, 1927; M.A., Texas, 1927; Ph.D., Wisconsin, 1930; Asst. Prof. Plant Pathology and Bacteriology, University of Hawaii

MAURICE B. LINFORD, Ph.D., Plant Pathology
B.S., Utah Agr. College, 1922; M.A., Utah Agr. College, 1924; Ph.D., Wisconsin, 1927; National Research Council Fellow, 1927-1929; Pathologist, Experiment Station, A.H.P.C.

HAROLD LLOYD LYON, Ph.D., Forest Botany
B.S., Minnesota, 1900; M.S., Minnesota, 1901; Ph.D., Minnesota, 1903; In charge Dept. of Botany and Forestry, Experiment Station, H.S.P.A.
CHRISTOS PLUTARCH SIDERIS, Ph. D., Plant Physiology
B.C., Samos Lyceum, Greece, 1909; B.S., Univ. California, 1921; Ph.D., California, 1924; Physiologist, Experiment Station, A.H.P.C.

HAROLD ST. JOHN, Ph.D., Taxonomy
A.B., Harvard, 1914; M.A., Harvard, 1915; Ph.D., Harvard, 1917; Graduate Study, Sorbonne, France, 1918; Professor of Botany, Univ. Hawaii, and Botanist, Bishop Museum.

CHEMISTRY AND SOILS:

LEONORA NEUFFER BILGER, Ph.D., Organic Chemistry
A.B., Univ. Cincinnati, 1913; M.A., Cincinnati, 1914; Ph.D., Cincinnati, 1916; Sarah Berliner Fellowship of A.A.U.W., Chemical Research, Cambridge, England, 1924-1925; Research Chemist, Hawaii Experiment Station, and Dean of Women, Univ. Hawaii

FRANCIS E. HANCE, Ph.D., Soil Chemistry
B.S., Cornell, 1921; Ph.D., Cornell, 1924; Soil Chemist, Experiment Station, H.S.P.A.

OSCAR C. MAGISTAD, Ph.D., Soil Chemistry
B.S., Wisconsin, 1922; M.S., Wisconsin, 1923; Ph.D., Wisconsin, 1924; Chemist, Experiment Station, A.H.P.C.

HAROLD A. WADSWORTH, B.S., Soil Physics
B.S., Univ. California, 1916; Graduate Study, Stanford, 1927-1928; Asso. Prof. Agriculture, Univ. Hawaii and Soil Physicist, Hawaii Experiment Station

ENTOMOLOGY:

WALTER CARTER, Ph.D.
B.S., Montana, 1923; M.S., Minnesota, 1924; Ph.D., Minnesota, 1928; Entomologist, Experiment Station, A.H.P.C.

CYRIL EUGENE PEMBERTON, A.B.
A.B., Stanford, 1911; with U.S. Bureau of Entomology, 1911-1918; beneficial insect exploration and collection in Australia and Fiji, 1921-1922; Malay Archipelago, 1925; Entomologist, Experiment Station, H.S.P.A.

OTTO H. SWEZEY, M.S.
A.B., Lake Forest College, 1896; M.S., Northwestern Univ., 1897; research in entomology, Ohio State Univ., 1902-1903; Entomologist, Experiment Station, H.S.P.A.

GENETICS:

JULIUS L. COLLINS, Ph.D.
B.S., California, 1918; Ph.D., California, 1923; Geneticist, Experiment Station, A.H.P.C.

ALBERT J. MANGELSDORF, Sc.D.
B.S., Kansas Agr. College, 1916; M.S., Harvard, 1925; Sc.D., Harvard, 1927; Geneticist, Experiment Station, H.S.P.A.

UNIVERSITY LIBRARY

MARY P. PRINGLE, Librarian
Pleasanton Hotel

MARIE LAMONT BURROWS, S.B., Associate Librarian and Head Cataloguer
S.B., Simmons College, 1915
3045 Pacific Heights Road
ALICE K. ALEXANDER, A.B., Library Assistant
A.B., Syracuse Univ., 1913; Certificate, New York State Library School, 1916
3744 Maunaloa Ave.

CYNTHIA BUCK GEISER, M.A., Library Assistant
A.B., Western State College, Colorado, 1926; M.A., Univ. Hawaii, 1929
2418 Ferdinand Ave.

EUPHIE G. M. SHIELDS, B.S., Library Assistant
B.A., Univ. Hawaii, 1924; B.S., Simmons College, 1929
2544 Jones St.

KATHRYN MACFARLANE THOMPSON, Library Assistant
Los Angeles Public Library School, 1923; Univ. California 1923-1926
916 Lunalilo St.

FLORENCE E. MACKIEY, B.S., Library Assistant
B.S., Univ. Washington, 1930
1800 Vancouver Highway

ESTHER HUE STEWART, Library Assistant
3142 Olu St.

GEORGIA M. JOHNSON, Library Assistant
MacDonald Hotel

MARTHA Z. WRIGHT, B.A., Library Assistant
B.A., Univ. Hawaii, 1930
2162 Atherton Road

PSYCHOLOGICAL CLINIC

STANLEY D. PORTEUS, Director
Lecturer, Experimental Education, Univ. Melbourne, 1916; Research Scholar, Anatomy Department, Univ. Melbourne; Director Research Laboratory, Vineland, N.J., 1919-1925
2620 Anuenue St.

MARJORIE ELIZABETH BABCOCK, M.A., Assistant Director
B.A., Wells College, 1919; M.A., Univ. Hawaii, 1927
2416 Parker

RUSSELL G. LEITER, M.A., Research Assistant
Ed.B., Univ. California at Los Angeles, 1928; M.A., Univ. Southern California, 1929
2562 Jones St.

RALPH PIDDINGTON, B.A., Research Fellow in Psychology and Anthropology, (1931)
B.A., Univ. Sydney, 1928; Science Research Scholar, Univ. Sydney, 1930
243-C Ohua Ave.

ALICE LEMAN WEBB, B.S., Psychological Examiner and Research Assistant
B.S., Univ. Pennsylvania, 1928; New York Univ., 1929
418-A Kalaimoku St.

THADDEUS R. B. COYKENDALL, B.A., Assistant
B.A., Univ. Hawaii, 1929
2376 Oahu Ave.
SUMMER SESSION FACULTY, 1930

(In addition to members of the University faculty, the following instructors conducted courses in the 1930 summer session of the University.)

FREDERICK E. BOLTON, Ph.D., Dean Emeritus and Professor of Education, University of Washington

NELSON L. BOSSING, Ph.D., Professor of Education, University of Oregon

MILES E. CARY, A.M., Principal, McKinley High School, Honolulu

CLYDE E. CRAWFORD, A.M., Principal, Roosevelt High School, Honolulu

EMMA DODSON, B.S., Head of the Clothing Department, Home Economics, Piedmont High School, Piedmont, California

RUTH GILL, A.M., Buffalo State Teachers College, Buffalo, New York

ALBERT L. GUERARD, Agrégé d'Anglais (Paris), Professor of General Literature, Stanford University

MARY WOOD HINMAN, Director of the Hinman School of Dancing, New York City

THOMAS A. JAGGAR, Ph.D., Chief of Section of Volcanology for U.S. Geological Survey, Volcano Observatory, Hawaii

RICHARD E. MEYER, A.M., Supervising Principal, East Maui, Hawaii

MABLE HOLMES PARSONS, A.M., Professor of English, University of Oregon

MARTHA J. SMITH, B.S., Local Director, Girl Scouts of Oahu, Hawaii

LOUISE STRUVE, A.M., Instructor in Home Economics, Kamehameha Schools, Honolulu

GRAHAM H. STUART, Ph.D., Professor of Political Science, Stanford University

THEODORE C. ZSCHOKKE, M.F., Extension Forester, University of Hawaii

UNIVERSITY EXTENSION DIVISION

ETTA RADKE WASHBURN, B.A., Assistant Director in Charge
B.A., Univ. Wisconsin, 1916
208 Kapuni Rd.

MABEL D. VERNON, B.A., In Charge Visual Education Service
B.A., Univ. Wisconsin, 1920
2329 Beckwith St.

HELEN L. BRYAN, B.A., Stenographer
B.A., Mt. Holyoke College, 1914
222-B Lewers Rd.
INSTRUCTIONAL STAFF

In addition to members of the University faculty, the following instructors conducted extension courses in 1930-1931:

LOLA B. BELLINGER, B.A., Instructor in Children's Literature
B.A., Willamette Univ.; graduate, Library School, Los Angeles Public Library. Head of the Edna Allyn Room for Girls and Boys, Library of Hawaii
Fernhurst

THOMAS A. B. DITTON, Instructor in Short Story Writing
240 Ohua Ave.

EDWARD J. GREANEY, B.C.S., Instructor in Accounting
Woodlawn Drive, Manoa

S. HERBERT HARE, Instructor in Landscape Architecture
Graduate work in landscape architecture and city planning, Harvard University. Fellow, American Society of Landscape Architecture; Senior Fellow, American Institute of Park Executives. Member of firm, Hare and Hare, Landscape Architects and City Planners, Kansas City, Mo.
Kansas City, Mo.

LOUISE HILL, A.B., Instructor in Education
A.B., Mount Union College, Alliance, Ohio; graduate work Univ. California, New York School of Social Work. Organizer and director of Visiting Teacher work, Grand Rapids, Mich., 1927-1930. Visiting Teacher, Kawanakaoa Experimental School, Honolulu
2229 Kalia Road

AVIS LEONE KIDWELL, Ph.D., Instructor in English
A.B., Ottawa University; graduate work at Yale and Cornell Universities; Ph.D., Cornell University. Instructor in English, Territorial Normal School
203 Saratoga Road

EDMOND W. LINDBURG, Instructor in Accounting
1629 Liholiho St.

W. HAROLD LOPER, Ed.M., Instructor in Education
B.S., Univ. Redlands; Ed.M., Harvard Univ.; graduate work, Univ. Hawaii. Supervising Principal, Honolulu Public Schools
2703 Terrace Drive

DALLAS C. McLAREN, A.B., Instructor in Education
A.B., Park College; graduate work, Univ. Hawaii. Principal, Waimea Jr. High School
Waimea, Kauai

RICHARD E. MEYER, M.A., Instructor in Geology
B.S., M.A., Univ. Arizona; graduate work, Univ. Hawaii. Supervising Principal, East Maui Schools
Kahului, Maui

FRED MURPHY, M.A., Instructor in Political Science
B.A., M.A., Univ. Hawaii. Supervising Principal, West Hawaii
Kealakekua, Hawaii
FRANCES W. NEWTON, B.A., Instructor in Interior Decoration
B.A., Univ. Michigan; New York School of Fine and Applied Art; European study and travel. Engaged in private practice as home designer and interior decorator
4111 Kahala Cliffs

GEORGE A. ODGERS, A.M., Instructor in Oriental Studies
A.B., Univ. Nebraska; A.M., Univ. Washington; graduate work at Univ. Washington, Univ. Hawaii, and Stanford Univ. Head of English Department, Kamehameha Schools
1434 Kalihi St.

C. DUDLEY PRATT, LL.B., Instructor in Business Law
A.B., LL.B., Yale Univ. Partner in law firm of Smith, Warren, Stanley and Vitousek
2040 Nuuanu Ave.

FRANKLYN E. SKINNER, B.A., Instructor in Political Science and Education
B.A., Univ. Hawaii; graduate work, Univ. of Hawaii. Supervising Principal, West Maui
Kahului, Maui

THEODORE C. ZSCHOKKE, M.F., Instructor in Botany
A.B., Stanford Univ.; M.F., Yale Forest School. Extension Forester, Agricultural Extension Service, Univ. Hawaii
End of Ferdinand Ave.

AGRICULTURAL EXTENSION SERVICE

ADMINISTRATION:

FREDERICK G. KRAUSS, D.Sc., Director
Prof. Agriculture, College Hawaii, 1910-1914; Agronomist, Hawaii Experiment Station, 1914-1921; D.Sc. (Hon.), Univ. Hawaii, 1923; Graduate Study, Univ. Berlin, Germany, 1927-1928; Prof. Agronomy, Univ. Hawaii, 1921-1929
2557 Parker St.

GLADYS M. WOOD, Administrative Assistant
265 Beach Walk

MIRIAM BRECKWEDEL, Stenographer
Fernhurst

LOUISE O'CONNOR, Stenographer
1235 Center St.

HAROLD FURUIKE, Clerk and Mimeographer
Y.M.B.A. Dormitory

MURIEL Y. TSUDA, Stenographer, Honolulu County
City and County Bldg., Honolulu

M. OKA, Stenographer, East Hawaii County
Federal Bldg., Hilo, Hawaii

ISAO SAKODA, Stenographer, Kauai County
Lihue, Kauai

JAMES SHIGETA, Stenographer, Maui County
Wailuku, Maui
AGRICULTURE:

HUNG LUM CHUNG, M.S., Extension Animal Husbandman
B.S., Univ. Missouri, 1917; M.S., Univ. Hawaii, 1919
817 Tenth Ave.

THEODORE C. ZSCHOKKE, M.F., Extension Forester
A.B., Stanford Univ., 1903; M.F., Yale Forest School, 1905
End of Ferdinand Ave.

A. S. T. LUND, B.S., Extension Farm Management and Marketing Agent
B.S., Univ. Minnesota, 1928; graduate study, Univ. Hawaii
3139 Huelani Drive

KENICHI MURATA, Statistician
1826-B Sereno St.

ROY A. GOFF, B.S., County Extension Agent, East Hawaii County
B.S., Lombard College, 1913; B.S., Univ. Illinois, 1915
Federal Bldg., Hilo, Hawaii

YASUO BARON GOTO, B.S., County Extension Agent, West Hawaii County
B.S., Univ. Hawaii, 1924
Kealakekua, Kona, Hawaii

HONG CHANG WONG, B.A., County Extension Agent, Honolulu County
B.A., Univ. Hawaii, 1927
City and County Bldg., Honolulu

JOHN C. THOMPSON, B.S., County Extension Agent, Kauai County
B.S., Univ. Hawaii, 1922
Lihue, Kauai

CLIFFORD C. DAVIS, B.S., County Extension Agent, Maui County
B.S., Iowa State College
Wailuku, Maui

HOME ECONOMICS:

J. HAZEL ZIMMERMAN, B.S., Acting Assistant Director for Home Economics
B.S., Oklahoma State College, 1917
1140-E Wilder Ave.

MABEL GREENE, County Extension Agent, Honolulu County
New York State Normal; Washington State College; Univ. Hawaii
998 Spencer St., Honolulu

MARTHA L. EDER, B.S., County Extension Agent, Kauai County
B.S., Iowa State College, 1919
Lihue, Kauai

GERTRUDE M. GAGE, B.S., County Extension Agent, Maui County
B.S., Washington State College, 1921
Wailuku, Maui

DOROTHY M. FAULKNER, A.B., County Extension Agent, East Hawaii County
A.B., Occidental College
Federal Bldg., Hilo, Hawaii

EDA L. CARLSON, County Extension Agent, West Hawaii County
Kealakekua, Kona, Hawaii
HAWAII AGRICULTURAL EXPERIMENT STATION

(Conducted jointly by the University of Hawaii and the U. S. Department of Agriculture)

ADMINISTRATION:

J. M. WESTGATE, M.S., Director
B.S., Kansas Agric. College, 1897; M.S., Kansas Agric. College, 1899;
 Graduate Study, Univ. Chicago, 1901-1903
Expt. Station Reservation, Tantalus Road

HUNG K. HEE, Principal Clerk
Expt. Station Reservation, Tantalus Road

GERTRUDE M. XAVIER, Stenographer
3051 Kaimuki Ave.

LILLIE FORREST, Stenographer
1512 Spreckels St.

AGRICULTURE:

HARVEY F. WILLEY, Superintendent, Haleakala Substation
Makawao, Maui

ROBERT K. PAHAU, B.S., Superintendent, Kona Substation
B.S., Univ. Hawaii, 1918
Kealakeua, Hawaii

NOAH PEKELO, Field Superintendent
University Farm

MAKOTO TAKAHASHI, B.S., Assistant in Agriculture
B.S., Univ. Hawaii, 1928
Captain Cook, Kona, Hawaii

JAMES S. LOW, B.S., Assistant in Agriculture
B.S., Univ. Hawaii, 1926
2236 Young St.

**T. Y. GOO, B.S., Assistant in Agriculture
B.S., Univ. Hawaii, 1930
539 N. School St.

ANIMAL HUSBANDRY

*LOUIS A. HENKE, M.S., Animal Husbandman
B.S., Univ. Wisconsin, 1912; M.S., Univ. Wisconsin, 1923; Graduate Study, Univ. Wisconsin, 1929-1930
2657 Terrace Drive

*MITSUGI MANEKI, B.S., Assistant in Animal Husbandry
B.S., Univ. Hawaii, 1929
1710 Fort St.

CHEMISTRY:

JOHN C. RIPPERTON, M.S., Chemist
B.A., Fairmount College, Kansas, 1913; M.S., Kansas Agric. College, 1916; Graduate Study, Univ. Nebraska, 1913-1914
Expt. Station Reservation, Tantalus Road

* Also member of the instructional staff
** Resigned Jan. 1, 1931
*Leonora Neuffer Bilger, Ph.D., Head of Chemical Research Division
A.B., Univ. Cincinnati, 1913; M.A., Univ. Cincinnati, 1914; Ph.D., Univ. Cincinnati, 1918; Sarah Berliner Fellowship of A.A.U.W., Chemical Research, Cambridge Univ., England, 1924-1925
2328 Seaview Ave.

Wai Yen Young, B.S., Assistant in Chemical Research Division
B.S., Univ. Hawaii, 1930

Dorsey W. Edwards, B.S., Junior Chemist
B.S., Oregon State College, 1930
1333 Pensacola St.

C. Ashton Britten, Laboratory Assistant in Chemistry
Pleasanton Hotel

Horticulture:
Willis T. Pope, D.Sc., Horticulturist
B.S., Kansas Agric. College, 1898; M.S., Univ. California, 1916; D.Sc., Univ. Hawaii, 1926
Expt. Station Reservation, Tantalus Road

John Castro, Plant Propagator
Expt. Station Reservation, Tantalus Road

Nutrition Investigations:
*Carey D. Miller, M.S., Specialist in Food and Nutrition Investigations
A.B., Univ. California, 1917; M.S., Columbia, 1922; Graduate Study, Yale, 1922-1929
2627 Kaapu St.

Kisako Haida, Laboratory Assistant
934 Austin Lane

Poultry Husbandry:
*Charles M. Bice, B.S., Poultry Husbandman
B.S., Univ. Wisconsin, 1921
2002-E Hunnewell St.

Frank Botelho, Foreman, Poultry Plant
University Farm

Soil Physics:
*Harold A. Wadsworth, B.S., Collaborator in Soil Physics Investigations
B.S., Univ. California, 1916; Graduate Study, Stanford, 1927-1928
1725 Dole St.

Experiment Station

Association of Hawaiian Pineapple Canners

Administration:
Royal N. Chapman, Ph.D., Director
A.B., Univ. Minnesota, 1914; A.M., Univ. Minnesota, 1915; Ph.D., Cornell, 1917
2447 Parker St.

Harry L. Denison, B.S., Business Manager
B.S., Univ. Hawaii, 1920
4607 Kahala Ave.

*Also member of instructional staff.
OLIVE CUNNINGHAM, Secretary to the Director

CLAIRE B. REICHELT, Secretary to Business Manager

EMMA WILSON, Librarian

MINERVA M. TOWNESEND, Stenographer

KAUI WILCOX SNELL, B.A., Stenographer

AUDREY HOOPER, Stenographer

AGRICULTURE:

WILL NORMAN KING, B.S., Agriculturist
B.S., Univ. Hawaii, 1921
Wahiawa, Oahu

WILLIAM A. BALDWIN, Ph.B., Assistant Agriculturist and Agent for Maui
Ph.B., Yale, 1892
Makawao, Maui

HENRY O. THOMPSON, B.S., Assistant Agriculturist
B.S., Univ. Hawaii, 1926
Wahiawa, Oahu

FRANCIS A. I. BOWERS, B.S., Assistant Agriculturist
B.S., Univ. Hawaii, 1924
Wahiawa, Oahu

CHEMISTRY:

OSCAR C. MAGISTAD, Ph.D., Chemist
B.S., Univ. Wisconsin, 1922; M.S., Univ. Wisconsin, 1923; Ph.D., Univ. Wisconsin, 1924
4069 Black Point

FRANCIS A. E. ABEL, M.S., Assistant Chemist
B.S., Univ. Hawaii, 1921; M.S., Univ. Hawaii, 1924
4604 Kahala Ave.

CARL A. FARDE, B.S., Assistant Chemist
B.S., Univ. Hawaii, 1924
2306 Marques St.

JOHN M. HORNER, A.B., Assistant Chemist
A.B., Stanford Univ., 1922
140 Dowsett Ave.

ENTOMOLOGY:

WALTER CARTER, Ph.D., Entomologist
B.S., Univ. Montana, 1923; M.S., Univ. Minnesota, 1924; Ph.D., Univ. Minnesota, 1928
2501 Malama Way

KIYOSHI ITO, B.A., Assistant Entomologist
B.A., Univ. Hawaii, 1929
2120 Algaroba St.

KAY SAKIMURA, Assistant Entomologist
Yamaguchi School, Japan
Kaaha Lane
JOHN STANLEY, M.A., Research Assistant in Entomology
B.A., Univ. British Columbia, 1927; M.A., Univ. Minnesota, 1929
2581 Jones St.

GENETICS:
JULIUS L. COLLINS, Ph.D., Geneticist
B.S., Univ. California, 1918; Ph.D., Univ. California, 1923
2734 Kahawai
KENNETH KERNS, B.S., Assistant Geneticist
B.S., Univ. Hawaii, 1926
Waipahu, Oahu

NEMATOLOGY:
GEORGE HAROLD GODFREY, Ph.D., Nematologist
B.S., Washington State College, 1913; M.S., Iowa State College, 1917;
Ph.D., Univ. Wisconsin, 1923
2561 Malama Way
HAROLD R. HAGAN, Ph.D., Associate Nematologist
B.S., Utah Agricultural College, 1914; M.S., Harvard, 1917; Ph.D., Stan­
ford, 1929
Wahiawa, Oahu
HELENE MORITA HOSHINO, M.S., Assistant Nematologist
B.S., Univ. Hawaii, 1924; M.S., Univ. Hawaii, 1928
2736 Laniloa Rd.
JULIETTE OLIVEIRA, B.A., Assistant Nematologist
B.A., Univ. Hawaii, 1928
Absent on Leave
ERNA B. H. GITTEL, B.A., Assistant in Nematology
B.A., Univ. Hawaii, 1930
711 Prospect St.

PATHOLOGY:
MAURICE B. LINFORD, Ph.D., Pathologist
B.S., Utah Agricultural College, 1922; M.A., Utah Agricultural College,
1924; Ph.D., Univ. Wisconsin, 1927
Apt. 22, Edgewater Beach Apts.
FERDINAND P. MEHRlich, Ph.D., Assistant Pathologist
A.B., Butler Univ., 1927; Ph.D., Univ. Wisconsin, 1930
Pleasanton Hotel
CARL H. SPIEGELBERG, M.S., Assistant Pathologist
B.S., Washington State College, 1924; M.S., Washington State College,
1925; Graduate Study, Univ. Maryland, 1927-1928
MacDonald Hotel
MARJORIE WEST LORIMER, M.A., Assistant Pathologist
B.A., Univ. California, 1922; M.A., Univ. California, 1923
270-R Beach Walk

PHYSIOLOGY:
CHRISTOS PLUTARCH SIDERIS, Ph.D., Physiologist
B.C., Samos Lyceum, Greece, 1909; B.S., Univ. California, 1921; Ph.D.,
Univ. California, 1924
2633 Pamoa St.
BEATRICE H. KRAUSS, M.S., Assistant Physiologist
B.S., Univ. Hawaii, 1926; M.S., Univ. Hawaii, 1930
2557 Parker St.
THE UNIVERSITY OF HAWAII

The University of Hawaii was established by act of the Territorial Legislature in 1907. It bears the same relation to the Territory as do the several state universities to their respective states, and draws most of its financial support from the Territory. It is also in part a land-grant college. Although it never received a grant of land, such as was provided for the similar colleges of the states by the original Morrill Act of 1862, it does benefit by the Second Morrill Act of 1890. It is open to all who are qualified, regardless of sex, color, or nationality.

The growth of the University has been rapid, both in numbers of students and plant investment and in its sphere of service and public esteem. The Act of Establishment was passed by the Legislature in 1907, and the instructional work began in 1908, with five students and two instructors, in a temporary location on the grounds of the McKinley High School. After a few years the institution was moved to its present site in Manoa Valley. In 1920 a College of Arts was added and the name was changed from the College of Hawaii to the University of Hawaii.

The University of Hawaii is accredited by the Association of American Universities and is recognized as an institution of good standing, from which students may transfer without loss of credits to other American colleges and universities or to European universities. Hawaii is noted for its friendly mingling of many races, and the University reflects this in its cosmopolitan student body. Its students represent many racial groups, chiefly Caucasian, Japanese and Chinese, most of whom are American citizens because they were born in Hawaii. This friendly cosmopolitanism is an important factor in the life of the community, and should be felt in the future relations of the countries bordering the Pacific Ocean.

In the field of tropical agriculture the University has an opportunity unique among American institutions and is developing both undergraduate and graduate programs of instruction and research which should be of interest not only to residents of Hawaii but to others as well.

RELATED SERVICE

In addition to its instructional program, the University is engaged in several other forms of public service:

The Psychological and Psychopathic Clinic is a territorial institution under the management of the University. It makes examinations of persons at the request of the courts, industrial schools, the Board of Health, the Department of Public Instruction and other public institutions and organizations, and, under proper regulation, at the request of private institutions and organizations, parents or guardians. In addition the clinic is conducting investigations in the field of psychology.
The Cooperative Extension Service in Agriculture and Home Economics is conducted jointly by the University and the U. S. Department of Agriculture, receiving federal aid on the same basis as the several states. It is devoted to the advancement of agriculture in Hawaii and the improvement of rural home life.

The Hawaii Agricultural Experiment Station is the product of a recent amalgamation of the former Federal Experiment Station with the University station, and is conducted jointly by the University and the U. S. Department of Agriculture. This station coordinates its program of research with that of the Sugar Planters' Station and the Pineapple Producers' Station.

The Aquarium, at Waikiki Beach, is operated by the University as a place of education and entertainment for the benefit of the resident public and of visitors. Over a million persons have visited it during the past twenty years.

The Association of Hawaiian Pineapple Canners has affiliated its experiment station with the University. All expense of this station being borne by the Association. The field work is carried on largely at Wahiawa, the heart of the pineapple country, while the laboratory and technical investigations are conducted on the University campus in buildings erected by the Association.

Seismological Observatory. The U. S. Coast and Geodetic Survey is operating the seismological observatory in Gartley Hall under a special agreement with the University whereby the results and observations are made of service to this Territory. This is a well-equipped observatory, with good earthquake recording instruments, and is the principal station of the Coast and Geodetic Survey in Hawaii.

COOPERATING INSTITUTIONS

To supplement its own facilities for instruction and research the University has made co-operative arrangements with several other institutions.

Bishop Museum. By arrangements between the University and the Bishop Museum it is provided that there shall be reciprocity in the use of libraries, laboratories, collections and other facilities of research. Graduate students registered in the University of Hawaii will be allowed to carry on investigations under the guidance of members of the Museum staff, and work done in this way may be credited toward advanced degrees by the University. Advanced students will be allowed the use of the Museum facilities when working under proper direction, subject to such regulations as may be deemed expedient by the Director of the Museum.

Institute of Pacific Relations. The research library of the Institute is maintained on the University campus, occupying a portion of the University library and affording excellent facilities for research students in the field of international affairs.
Honolulu Academy of Arts. This excellent institution, built and endowed by Mrs. C. M. Cooke, offers to the University its unsurpassed collections of works of art from all parts of the world, for the educational advancement of the students and instructors.

The Hawaiian Sugar Planters' Association maintains an experiment station, the facilities of which are available to the University for instructional purposes. Students in sugar technology may spend a semester at this station as a regular part of their program of study, and several members of the station staff take part in the instructional work of the University.

Territorial Normal School. The University correlates the work of its School of Education with that of the Territorial Normal School sufficiently so that transfer of credits may be facilitated, and to some extent instructional service is exchanged.

Hawaii School of Religion. This school, situated near to the University, is maintained for the benefit of University and Normal School students by a group of interested citizens. It represents both the Protestant and Catholic points of view in its teaching and is supported by both groups. For a statement of the basis of credit transfers, refer to p. 110.

Rockefeller Foundation. A grant of $30,000 per year has been made to the University of Hawaii by the Rockefeller Foundation for research in the field of racial blends. The objective of this research is to discover the mental, physical, and cultural effects of the blending of the races which are resident in the Hawaiian Islands. This should have an important bearing on the future welfare of the people around the Pacific Ocean.

CAMPUS AND BUILDINGS

The University is situated in Manoa Valley, one of the most attractive of Honolulu's residential districts, about three miles from the business center.

The campus occupies an area of nearly 300 acres. A portion of this is the farm, used for experimental crops, pasturage, and live stock. At the rear of the farm lands is the Manoa stream, which not only furnishes irrigation water for the crops, but offers excellent facilities for student work in hydraulics and irrigation studies.

The principal buildings are grouped in a quadrangle which is not yet completed. These are of reinforced concrete construction, three stories in height and of somewhat uniform architecture. Hawaii Hall, the present administration building, was the first one erected. Gartley Hall for chemistry and physics, named for Mr. Alonzo Gartley, and the University Library were added a few years later. The fourth building of the quadrangle provides laboratories for the biological sciences.

A second group of reinforced concrete buildings, consisting of five one-story structures, houses the Engineering Department, and provides ample facilities for laboratories, classrooms, shops, and drafting rooms. One of these buildings is devoted to work in hydraulics, while another is equipped as a testing laboratory and serves a dual purpose,
providing instructional facilities for students and offering to local engineering and industrial firms facilities for commercial testing.

A third group of buildings is for physical education, recreation, and athletics. A large gymnasium, a swimming tank with adjoining locker rooms, a locker building for men's athletic teams, asphalt tennis courts and a turf football and baseball field and quarter-mile cinder track comprise this group. Near by is a building for the R. O. T. C. The Honolulu Stadium, about a mile from the campus, is owned in part by the Associated Students of the University and is used for all football and baseball games.

A small auditorium is situated near the main quadrangle. This building is practically fireproof, with seating capacity for 500, and is well equipped for dramatic work.

Two small residence halls and a dining room are available to those who wish to reside on the campus.

The farm is equipped with the necessary buildings for dairy, poultry and other live stock industries, a barn for tools and implements, and several cottages for the employees.

Not all the work of the University is on the Manoa Campus, for there is at Waikiki Beach a marine biological laboratory and aquarium, and at Kaimuki an astronomical observatory.

The library now contains 52,160 volumes. Extensive collections of important Chinese and Japanese works catalogued in English, are available. In addition there are on the shelves 207,060 pamphlets, many of them bulletins of agricultural experiment stations and of the various departments of the federal government. The library is a depository for government publications. Reading rooms are maintained, wherein may be found local and mainland daily papers, the leading literary magazines and reviews, and a great number of technical and scientific periodicals. Throughout the day and evening, the library and reading rooms are open to the public, and persons complying with the regulations may withdraw books for home use.

The herbarium of the University of Hawaii, in the custody of the Bishop Museum, contains the most nearly complete collection of Hawaiian plants in existence, including specimens of species which have already become extinct. The portions of the types and the cotypes of plants described by Dr. W. Hillebrand, together with the types of new species, form the most valuable part of the herbarium.

The Territory has invested about three-quarters of a million dollars in the buildings and grounds of the University and more has been added from private sources. The value of the lands occupied is over two million dollars.

**GIFTS TO THE UNIVERSITY**

The Board of Regents is authorized by the University charter to receive gifts on behalf of the University. While the larger part of the financial support of the University has been and will continue to be derived from funds appropriated by the territorial legislature and by the federal congress, it is expected that from private sources there will be occasional gifts to aid research or advance projects which are of special interest to the donors or which may have something more than local significance, for it is becoming increasingly evident that this
University has unique opportunities for usefulness beyond the limits of the island group in which it is situated.

The Rockefeller Foundation has given $125,000 over a five-year period to aid research in the racial field, while the Carnegie Endowment for International Peace has made various contributions to the work of the University.

Other gifts include the J. P. Cooke Athletic Field, the Marine Biological Laboratory and Aquarium at Waikiki by Charles M. Cooke, and the site of the astronomical observatory in Kaimuki by Mr. and Mrs. Harry F. Lewis. Students of the University have raised funds for several improvements, including a 25-yard swimming tank and adjoining locker buildings, an athletic building for the football team, and a tennis court.

ADMISSION

It is the purpose of the University of Hawaii to prepare its graduates for special distinction in whatever vocation they may choose, and to this end candidates for admission must present satisfactory evidence of their fitness for university work. This is determined partly by the scholastic record made in the school or college last attended, partly by a college aptitude examination and partly by testimonials as to character, ability, and fitness for university work.

Unclassified students, who are those taking less than a full program of work, must meet the same entrance and scholarship requirements as regular students except that those of mature age who have not the required preparatory school education may be accepted for limited work upon presenting satisfactory evidence of such previous training or experience as manifestly fits them to pursue the desired courses.

Auditors are persons who are permitted to attend certain courses as listeners, not partaking in the examinations and receiving no credits. Persons desiring the privilege of attending classes as auditors will make application to the Registrar and if the application is granted will pay the usual fee in the course and be issued an auditor's card.

ADMISSION TO FRESHMAN STANDING

Every applicant for admission to the University as a freshman must take a college aptitude examination and an English placement examination, and must submit evidence of proper preparatory training by offering in one of the ways mentioned below or by a combination of two or more of these ways, evidence of satisfactory preparation in at least 15 units of high school work (12 units from the 3-year senior high school), this work to be selected as described below. These subjects must include three units of English and one unit of algebra. (This latter requirement may be satisfied by the 9th grade General Mathematics of the Junior High Schools.) Every applicant must, in addition, satisfy all entrance requirements of the college in which he expects to take his work. (Pages 43 and 52.)

1. An applicant may present a record from an approved secondary school showing 15 (or 12) units in approved subjects. Applicants whose high school average is "B" or better are usually admitted unless they fail seriously in the college aptitude examination or in

* Courses which auditors may attend are designated in the catalog by an asterisk (*).
the English placement examination, in which case they may not be admitted. Applicants whose high school average is "C," but who make scores above the average in the college aptitude examination and in the English placement examination, may be admitted. Special consideration is given to the quality of work in the junior and senior years of preparatory school.

2. An applicant who is above average ability may take entrance examinations offered by the University and thus satisfy all or a part of the 15 (or 12) unit requirement.

3. An applicant may take examinations offered by the College Entrance Examination Board and submit statements from the Board covering certain subjects, or the applicant may take the comprehensive examinations offered by the Board and submit a certificate from the Board covering all entrance requirements. In the latter case the complete high school record must also be submitted.

A unit signifies the satisfactory completion of a course of study pursued for a full school year, with five recitations per week of not less than 45 minutes each, or the equivalent laboratory or shop exercises.

The 15 units (or 12 units) should include at least 10 (or 8) from the following fields: English, languages, mathematics, sciences (physical and biological), and social science.

Any other 5 (or 4) subjects or combinations of subjects to total 5 (or 4) units, credited by the school toward its diploma, will be accepted. However, in no case will more than two units nor less than one-half unit be accepted in any subject, and such subjects must have been pursued in accordance with regular classroom procedure involving a reasonable amount of preparation in addition to the time spent in class.

Candidates desiring to study mathematics in the University or to elect subjects for which mathematics is a prerequisite should offer algebra through quadratics and plane geometry; those desiring to enter the course in Engineering must offer in addition to the above, trigonometry, in order to complete the course in four years. Solid geometry is strongly recommended but not required.

Candidates offering freehand drawing and perspective must submit drawings made in the preparatory school.

ADMISSION TO ADVANCED STANDING

Admission to advanced standing may be granted to students who transfer with sufficient credits from another university or college of recognized standing. Students thus transferring must present an official statement of the studies offered for admission at that institution, of the studies pursued in college and the grade received in each, and also a certificate of honorable dismissal. Credit toward graduation will be given only in subjects in which a grade of C or better is recorded. Candidates presenting advanced standing are required to do a minimum of one year's work at the University of Hawaii (30 semester hours) in order to receive the Bachelor's degree.

* Credit in entrance for languages will not be granted unless at least two units in some one language are offered.
ADMISSION OF UNCLASSIFIED STUDENTS

Mature persons, ordinarily only such as are at least 21 years of age, who present satisfactory evidence of their ability to carry on the work desired may register as Unclassified Students, taking a limited program of courses. Persons less than 21 years of age may be admitted as Unclassified Students provided they are able to fully meet the entrance requirements for regular Freshman standing, but desire to carry only a limited program of courses not leading toward a Bachelor's degree.

Persons of some maturity who have had experience that manifestly prepares them for college work may be given entrance credit for such work. Just what forms of work will be given credit and just how many credits will be granted cannot be stated in advance; but each case will be passed upon individually.

Admission as an Unclassified Student is in no case permitted as a means of avoiding compliance with the requirements laid down for regular students.

ADMISSION OF GRADUATE STUDENTS

Graduates of an accredited collegiate institution may be admitted as graduate students and candidates for an advanced degree. Requirements governing this are stated in more detail on page 37.

THE CURRICULUM

The curriculum of the University is divided between two colleges, the College of Applied Science and the College of Arts and Sciences, the former including courses in agriculture, engineering, sugar technology, home economics and general science; the latter in natural and social sciences, languages, art, education, commerce, etc. Graduate courses are offered in both colleges, and the general program of extension courses is participated in by both.

The year's work is divided into two semesters of eighteen weeks each, with an additional summer session of six weeks.

CREDITS AND GRADE POINTS

Recognition of work done is given in terms both of credits and of grade points. A credit is the equivalent of three hours per week spent in the preparation and recitation of a lesson, or in the field or laboratory. The exact division of this time, however, is generally left to the professor in charge.

Grade points are computed as follows: For each semester hour 3 grade points are granted when the grade is 90 or above; 2 grade points when the grade is 80-89; 1 grade point when the grade is 70-79. Grades of 60-69 give credit for semester hours, but no grade points.

Grade points are computed in all courses in which grades are reported, including Military Science and Physical Education.

A student is not entitled to grade points for grades received upon re-examination after being conditioned in any subject.

Students entering as undergraduates with advanced standing will not be given grade points upon work done elsewhere; but on work
done here must gain grade points in the same proportion to credit hours required for graduation as is demanded of other students. No student with entrance conditions is registered as a Sophomore, none with conditions in required Freshman subjects as a Junior, and none with conditions in required Sophomore subjects as a Senior.

To graduate from the University of Hawaii, the student must have gained a minimum of 136 grade points, of which at least 69 must be gained in the last half of the course. Minimum credit requirements vary in the two colleges and in the different courses. In the College of Arts and Sciences the minimum requirement is 128 credits; in the College of Applied Science it varies from 136 to 148 credits.

**BACcalaureate DEGREES**

On satisfactory completion of a regular course in the College of Applied Science a candidate is granted the degree of Bachelor of Science (B.S.), the diploma designating the course which has been pursued. The degree of Bachelor of Arts (B.A.) is granted upon the satisfactory completion of a regular course in the College of Arts and Sciences.

The University of Hawaii will permit the substitution of the first year in an approved professional school for the fourth year of the university course; and will, upon the satisfactory completion of three years of a university course and one year in an approved professional school, grant the degree of B.S. or B.A. according to the course pursued.

Candidates presenting advanced credits from other institutions will be required to do, as a minimum, the equivalent of a year's work in residence at the University of Hawaii (at least 30 semester hours) in order to receive a Bachelor's degree. Not more than 25 per cent of the work required for the degree may be taken in Extension credit courses and ordinarily such courses are not counted as residence.

**PREPARATION FOR PROFESSIONAL DEGREES**

The prospective student of medicine may follow either of two lines of procedure. He may take a two-year course, comprising only such studies as are required for admission to the medical school. Or he may remain for three years, thereby obtaining a better preparation for his professional studies and at the same time satisfying the requirements for the degree of B.S. or B.A. It is thus possible to obtain both the degrees of B.S. or B.A. and M.D. in seven years.

Students planning to spend but two years in preparation for medical school or desiring the degree of B.S. should register in the course in General Science in the College of Applied Science. Persons desiring the degree of B.A. should register in Group III in the College of Arts and Sciences.

The medical schools adopting the requirements prescribed by the American Medical Association demand a minimum of 15 high school units, of which at least three must be in English, two in some one foreign language, two in mathematics (including algebra through quadratics), and one in history.

They also require a minimum of 60 university credit hours, as shown by the following schedule:
Military Drill

<table>
<thead>
<tr>
<th>REQUIRED SUBJECTS</th>
<th>SEMESTER HOURS</th>
<th>UNIVERSITY OF HAWAII EQUIVALENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>20</td>
<td>Chem. 101 or 102, 105 and 106, 150, 151.</td>
</tr>
<tr>
<td>Physics</td>
<td>8</td>
<td>Physics 102.</td>
</tr>
<tr>
<td>Biology</td>
<td>8</td>
<td>Botany 101, Zool. 150 and 151.</td>
</tr>
<tr>
<td>English Composition</td>
<td>6</td>
<td>English 100, or 102.</td>
</tr>
<tr>
<td>Other Non-Science subjects:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>History, Language, Economics</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

SUBJECTS STRONGLY URGED

<table>
<thead>
<tr>
<th>SEMESTER HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A modern foreign language</td>
</tr>
<tr>
<td>Advanced botany or advanced zoology</td>
</tr>
<tr>
<td>Psychology</td>
</tr>
<tr>
<td>Advanced mathematics, including trigonometry</td>
</tr>
</tbody>
</table>

OTHER SUGGESTED ELECTIVES

- English (additional), economics, history, sociology, political science, logic, mathematics, drawing, Latin, Greek.
- Students preparing for schools of law or theology may obtain the degree of B.A. by satisfactorily completing three years of work in the University of Hawaii, and one year in an approved school of law or theology.

MILITARY DRILL

In accordance with the requirements placed by the United States Congress on all Land Grant Colleges, this University offers instruction in military science and tactics. This is required during the first two years of all physically fit male students who are citizens of the United States, but is optional in the third and fourth years. A senior unit of the Reserve Officers' Training Corps is located at the University, and this advanced instruction leads to a reserve commission in the United States Army.

PHYSICAL EDUCATION

All first and second year students under 25 years of age who are carrying ten or more credits are required to take physical education.

A medical and physical examination must be taken at least once a year. This examination is made by an authorized physician under the direction of the University.

THE UNIVERSITY EXTENSION DIVISION

The University Extension Division offers a varied program of service whereby its educational facilities are available beyond the confines of the campus. These may be classified as follows: (1) special courses of instruction, both credit and non-credit, offered at such times and places as may be most convenient for the people thus served; (2) reading courses; (3) lecture service; (4) publications; (5) weekly radio programs; (6) educational film service; (7) play loan service; (8) miscellaneous public service.
Extension courses are offered, both on Oahu and on three other islands, for the benefit of those adult persons who cannot attend the regular courses.

Admission to extension courses giving credits is governed by the same rules as admission to regular courses. Extension courses which give no credit are open to any adult person who is interested and wishes to enroll.

Credits gained in extension courses conducted by the University of Hawaii may be applied toward the Bachelor's degree, but not more than 25 per cent of the total credits required to be earned at the University for the degree may be extension course credits, and ordinarily such credits are not counted as residence.

Special announcements of extension courses and other forms of service are issued from time to time and are not included in this catalogue, but may be obtained from the University Extension Division.

SUMMER SESSION

For the benefit of teachers and others who desire to attend the University but cannot do so in the regular winter and spring semesters, a third session of six weeks' duration is conducted in the summer period, in July and August. Instruction is offered by members of the University faculty and by instructors and lecturers invited from other institutions.

The schedule of classes permits the average student in the summer session to gain six credits, taking three two-credit courses. The instructional work is kept on a par with that of the longer sessions and credits given in the summer courses are of equal worth with credits in the regular courses, applicable toward a Bachelor's or an advanced degree.

Admission to the summer session is governed by the same rules as apply to the longer semesters. Candidates for the Master's degree may fulfill the requirement for credits in four summer sessions, but additional work must be done in the preparation of the thesis. At least two of these four sessions must be at this University.

Announcement of courses and faculties of the 1931 Summer Session, June 29 to August 7, will be sent upon request.

GRADUATE STUDY AND RESEARCH

Research is considered by the University as one of its important functions and it is devoting some of its resources and energy to practical studies in the fields of tropical agriculture, racial and comparative psychology, anthropology, sociology, history, international relations, chemistry, geology, zoology, botany and marine biology. Hawaii offers special opportunities for research in these fields and mature students from any part of the world are invited to come here to share in these programs of study, using the facilities of the University and of other related institutions.

Graduate study in both colleges is conducted in one informally organized functional division of the University, under the direction of a faculty committee, the chairman of which functions as dean and director. Included in this general division, but administratively distinct, is the Graduate School of Tropical Agriculture; in which several
research institutions have joined cooperatively with the University, namely the experiment stations of the Hawaiian Sugar Planters' Association and the Association of Hawaiian Pineapple Canners, the Hawaii Experiment Station and the Bishop Museum. This School, under the direction of a dean and a committee representative of the cooperating institutions, maintains its own faculty and sets its own standards, all in conformity with basic standards of the University as determined by the faculty committee on graduate study.

**ADVANCED DEGREES**

Graduates with a Bachelor's degree from an accredited university or college may engage in graduate study as candidates for an advanced degree in certain fields.

The Doctor of Philosophy degree is given in the Graduate School of Tropical Agriculture, a detailed statement of which occurs on a later page. The requirements for this and for the Master's degree are standard.

The minimum requirement for the Master's degree is one year of advanced work in residence, or its equivalent, which is usually computed as thirty semester hours. The candidate must satisfactorily complete a program of advanced study for which his previous education has laid the necessary foundation, and must also present an acceptable thesis and pass the required examinations. Four Summer Sessions, with additional research of special advanced study may be accepted as fulfilling the residence requirement for this degree.

Work of advanced grade done at institutions other than the University of Hawaii may be accepted as fulfilling part of the requirements for the Master's degree, provided that the amount of work done at the University of Hawaii shall be equal to at least one-half of the total work required. The amount of credit to be allowed for work done elsewhere will be determined by the Committee on Graduate Work after examination of the transcript of record of the candidate.

Courses numbered 300 and over in this catalogue are graduate courses and some of those numbered 200 and over may be taken by graduate students, the passing mark for such courses being "B."

Application for admission as a candidate for an advanced degree must be made in writing to the Chairman of the Committee on Graduate Work not later than October 1 for the first semester, or February 10 for the second semester, and should be accompanied by transcript of record issued by the institution from which the applicant has received his Bachelor's degree, and also by transcripts of any graduate work done at other institutions. In case the amount of undergraduate work is deemed insufficient, the applicant, if accepted, may be required to take further undergraduate courses.

The graduate student works under the direction of an advisor or a special committee appointed by the Chairman of the Committee on Graduate Work to guide his work and review its progress from time to time.

Candidates for an advanced degree must register at the beginning of each semester, in which work is done.

The advanced work may be restricted to one field or subject, or to a major and a minor, or to a major and two minors; but at least one-half of the work must be in the major, and the minors must be so cor-
related with the major as to satisfy the Committee on Graduate Work that the candidate is working with a definite and scholarly purpose.

The title of the thesis, together with the written approval of the chairman of the committee in charge, must be furnished to the Committee on Graduate Work before the end of the semester preceding that in which the degree is to be taken.

The completed thesis must be presented to the Committee on Graduate Work at least one week before the date set for the candidate's examination, and must win the approval of the committee in charge of his candidacy by demonstrating his ability not only to do original work, but also to present the results of that work in creditable form. The thesis, accompanied by the written approval of the chairman of the candidate's committee, will be returned temporarily for use in the examination. Before the candidate is granted a degree, a typewritten copy and a carbon copy of the thesis on pages $8\frac{1}{2} \times 11$ inches in size, bearing the written approval of the chairman of the committee in charge of the candidacy, must be deposited in the Library as the permanent property of the University, together with a fee sufficient to pay for binding both copies.

The examination for the degree will be conducted by the committee in charge of the candidate's work, and may be either written or oral, or both. It shall be open to all members of the faculty. The candidate must apply in writing to the Chairman of the Committee on Graduate Work not later than April 15, or January 1, for an examination. The request must bear the approval of the chairman of the committee in charge of his candidacy, and must also be accompanied by a short summary (one or two pages) of his thesis. Announcement of the time and place of examination will be made not later than May 1 for the second semester, or January 15 for the first semester.

**CIVIL ENGINEER DEGREE**

The degree of Civil Engineer (C. E.) will be granted to Bachelors of Science in Civil Engineering from this institution, who, after graduation shall complete two years of practical experience in their chosen profession, present a satisfactory paper upon some topic of interest connected with their work, complete certain assigned problems, and pass required examinations. Regulations governing the granting of this degree are essentially those governing candidates for Master's degrees, so far as fees, registration, dates for filing notices, etc., are concerned.

**SUGAR TECHNOLOGIST DEGREE**

The degree of Sugar Technologist (S. T.) may be granted to Bachelors of Science in Sugar Technology from this institution and to other Bachelors of Science, whose undergraduate work has included the proper basic studies. To become a candidate for this degree, two years of practical experience after graduation are required, and the candidate must successfully pass a qualifying examination based on assigned reading in the general field of sugar technology. Later a thesis, or final report, covering some topic of distinct value closely allied to the practical work of the candidate must be presented and accepted by the candidate's committee. Regulations governing this degree are essentially those governing candidates for Master's degrees,
so far as fees and registration are concerned. The date for the qualifying examination will be arranged on consultation with the Chairman of the candidate's Committee and the Chairman of the Committee on Graduate Work.

**SCHEDULE OF FEES**
(Per semester)

<table>
<thead>
<tr>
<th></th>
<th>Resident</th>
<th>Non-Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Undergraduates:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full-time students:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(taking 10 or more hours)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Registration fee</td>
<td>$10.00</td>
<td>$10.00</td>
</tr>
<tr>
<td>Tuition fee</td>
<td>15.00</td>
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<tr>
<td>Medical service*</td>
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<td></td>
<td><strong>$27.50</strong></td>
<td><strong>$52.50</strong></td>
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<td>Part-time students:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(including auditors)</td>
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</tr>
<tr>
<td>Registration fee</td>
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<td>10.00</td>
</tr>
<tr>
<td>Tuition, per credit hour</td>
<td>1.00</td>
<td>3.00</td>
</tr>
<tr>
<td><strong>Graduates:</strong></td>
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<tr>
<td>Full-time students</td>
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<tr>
<td>General fee</td>
<td>25.00</td>
<td>50.00</td>
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<tr>
<td>Part-time students: **</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Registration fee</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Tuition, per credit hour</td>
<td>1.00</td>
<td>3.00</td>
</tr>
<tr>
<td><strong>Extension Students:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fees as announced for each course, same for residents and non-residents; no additional registration fee. Regular and part-time students who register for extension courses pay the same fee as others.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**OTHER FEES**

Laboratory and special course fees are indicated in the description of courses. All candidates, at the time of graduation, are required to pay a diploma fee of $5.00.

All graduate students pay an additional fee of $5.00 before the award of the advanced degree, to cover the cost of binding two copies of the thesis. If the candidate for an advanced degree wishes to purchase a hood, this may be ordered at the Business Office. A hood is loaned by the University for the graduation ceremony.

Summer Session students, including both graduate and undergraduate students, pay a registration fee of $10.00 and an additional fee of $2.50 per credit hour. No distinction is made between non-residents of Hawaii and residents.

A late Registration Fee of $1.00 is required of all students who register later than the announced registration days, and a fee of one dollar is charged for each change of schedule made after the two-week interval following registration day.

A fee of one dollar is charged students for each copy of transcript of record after the first such copy has been issued.

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*A medical service fee of $2.50 per semester is charged all undergraduate students taking a full program or a part-time program of 10 or more semester hours. Payment of this fee entitles the student to the medical service as provided by the University. Students who register for less than 10 semester hours may pay this fee and thereby be entitled to the service.*

**Students now registered on the previously announced schedule of fees are given the option of continuing on that schedule or changing to the schedule announced here.**
Charges are made for special examinations given at times other than those regularly announced. The fee is paid at the business office and the receipt presented to the instructor giving the examination.

The use of steel book lockers may be secured from the business office by making a deposit of $1.75, seventy-five cents of which will be refunded upon return of the key.

All fees must be paid as part of registration and no registration card will be finally accepted until it is endorsed showing payment.

No student is permitted to register until all outstanding indebtedness to the University has been liquidated unless special permission has been obtained from the Treasurer.

Refunds of deposits are not made until the end of the university year, unless students are withdrawing from the course. Apparatus lost or destroyed is charged at market prices. Students whose breakage exceeds the deposit will pay the difference before receiving credit for the course taken.

RESIDENCE AND DINING HALLS

Two residence halls and a cafeteria are available to students on the university campus. Cafeteria service for noon luncheon is available to all students and faculty members who desire it, and in addition provision is made for the needs of occupants of the residence halls.

For the men there is a one-story building with accommodations for twenty-eight. Every room is well ventilated, some arranged for one man and others for two, while a few are in a suite arrangement with a study room between two bedrooms and designed for four men. The rooms are furnished, except linen and bedding.

For the women students who wish to live on the campus there is a one-story frame building with accommodations for sixteen, in addition to the matron who supervises the hall. The rooms are furnished, except bedding and linen. A kitchenette with buffet service is available.

A charge of $63.00 per person per semester and $25.00 for the summer session is made for these accommodations. This is payable in advance unless some other arrangement satisfactory to the Treasurer is made. No refund is made unless a satisfactory substitute occupant can be secured, in which case the rental is prorated.

Applications for rooms should be addressed to the Treasurer.

STUDENT AID AND PRIZES

To help worthy students in their efforts to obtain an education, the University offers financial aid in the form both of scholarships and loans. Some of the scholarships are available only to persons named by the donors, but most of them are awarded by the University. Several loan funds afford financial aid to students on generous terms.

Applications for scholarships and loans should be addressed to the University as far in advance as possible, so that they may receive careful consideration. Scholarships for the following college year are usually awarded about June 1.

Honolulu Chamber of Commerce Freshman Scholarship—A scholarship of $100, awarded to the needy graduate of a Honolulu preparatory school presenting the best entrance record.

Honolulu Chamber of Commerce Agricultural Scholarship—An an-
I... annual scholarship of $100, awarded to an upperclassman taking the course in Agriculture or the agricultural division of the course in Sugar Technology.

**Hilo Chamber of Commerce Scholarships**—Annual scholarships of $100, awarded by a committee of the Hilo Chamber of Commerce to residents of East Hawaii who desire to take a full regular course at the University of Hawaii.

**Maui Woman's Club Scholarship**—An annual scholarship of $100 is awarded by the Maui Woman’s Club to a graduate of the Maui High school.

**Prince Fushimi Memorial Educational Fund**—The sum of $300 is available annually for the assistance of American citizens of Japanese ancestry of high scholastic and good moral standing who are unable to fully pay their educational expenses.

**Daughters of American Revolution Scholarships**—Aloha Chapter, D. A. R., offers two scholarships of $100 each to be used preferably for girls taking the Home Economics Course, one scholarship to be given, if possible, to a girl of Revolutionary or early American ancestry.

**Chinese Community Scholarships**—A fund of about $3,000 has been given to the University of Hawaii to endow scholarships for students of Chinese ancestry. The income is awarded to students of the Junior or Senior classes.

**Stephen Spaulding Scholarship**—The income of an endowment of $2,500, given by Florence Tucker Spaulding in memory of her son, Stephen Spaulding, ex-1927, will be awarded annually as a scholarship to a male student of the University.

**Ruth C. Scudder Memorial Scholarship Fund**—This fund was established in memory of Mrs. Ruth C. Scudder by the Women’s Society of Central Union Church for deserving women students.

**Leora Parmelee Dean Scholarship**—The sum of $100 to be awarded annually by the Women’s Faculty Club of the University to deserving and needy young women. Application for this Scholarship should be addressed to the President of the Women’s Faculty Club.

**Wakaba Kai Scholarship**—The sum of $50 to be awarded annually to a Japanese girl above Freshman standing.

**Yang Chung Hui Scholarship**—The sum of $50 to be awarded annually to a Chinese girl above Freshman standing.

**Associated Women Students Scholarship.**—An annual scholarship of $50 to be awarded to a regular woman student above Freshman standing.

**Hui Pookela Scholarship.**—An annual scholarship of $50 to be awarded to a regular Junior or Senior woman student.

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**LOAN FUNDS**

**Harriet Wheeler Fund** is the gift of Mrs. Inez Wheeler Westgate, available to any worthy and needy student.

**Representatives Club Fund**, available to students selected on the basis of need and scholastic standing.

**The N. G. B. Loan Fund**, the gift of Mr. Guy Buttolph, is available to any needy and worthy student.

**The Rotary Club Loan Fund**, available to students designated by the donor.

**Daughters of American Revolution**—The D. A. R. Student Loan
Fund of Hawaii affords financial aid for the benefit of students, either women or men.

College Club of Honolulu offers loan fund aid to needy women students.

PRIZES

Berndt Prize for Public Speaking—A prize of $100 annually is offered by Mr. Emil A. Berndt, of Honolulu, for a contest in Public Speaking. This contest is open to all undergraduates, and in certain cases to special students who are registered for twelve or more semester hours.

Dean Prize for Research—The Arthur Lyman Dean prize is offered annually by the University Faculty for the encouragement of research.

STUDENT ORGANIZATIONS

A. S. U. H.—The students of the University are organized in The Associated Students of the University of Hawaii. This organization manages all athletic contests, publishes a weekly newspaper (“Ka Leo”) and an Annual (“Ka Palapala”) and supervises the activities and financial accounts of other student organizations. A general membership fee, together with a subscription fee for the newspaper “Ka Leo” and the Annual, is collected by the A. S. U. H. at the time of registration.

A. W. S.—The Associated Women Students is an organization of all the women to promote women’s activities and interests on the campus.

Hui Pookela—The Women’s Honorary Society recognizes and encourages leadership and unselfish service in student activities, extends campus hospitality, promotes scholarship, and fosters fellowship among women students. Junior and Senior women are eligible if they have maintained high scholarship and have taken part in student activities.

A chapter of Theta Alpha Phi, a national honorary dramatic organization, is maintained for the encouragement of dramatics.

Epsilon Sigma Phi, national honorary society of extension workers, is represented here by the Alpha Omega chapter.

Pi Gamma Mu, national honor society in the field of Social Science, is represented by the Hawaii Alpha chapter.

Phi Kappa Phi, a national honorary society which recognizes outstanding scholarship in all fields of study, is represented by a chapter.

The Hawaii Union, an honorary debating society, not only affords recognition to those who have been active in debate, but fosters an interest in public speaking both in the preparatory schools and the University.

Several social clubs and associations are in existence. There are no national Greek letter fraternities on the campus.

The International Relations Club is interested in better relations between races and nations and is developing a junior league of nations council.

The University Y. M. C. A. is an association of Christian students and faculty men who have organized in order to develop Christian character among the students and afford opportunity for expression of the spirit of brotherhood through the various student activities.
The College of Applied Science combines the instructional program usually offered by colleges of agriculture and colleges of engineering. Five lines of study are offered to students of this College, as follows:

1. Agriculture
2. Engineering
3. Sugar Technology
4. Home Economics
5. General Science

During the first two years of the course military science and physical education are required of all students. Exemption from these requirements must be secured from the proper faculty committee.

Admission. Candidates who wish to complete the Engineering course in four years must present algebra through quadratics, plane geometry and trigonometry, from secondary school. In addition, solid geometry is strongly advised but not required. In other courses in which college mathematics is a requirement at least algebra through quadratics and plane geometry should be presented for entrance.

Candidates expecting to study engineering are strongly urged to begin the study of both physics and mechanical drawing in preparatory school. Candidates offering mechanical drawing as an entrance unit will be required to submit the plates drawn by them in the preparatory school. They will be placed in a special section in the class in mechanical drawing, and permitted to begin at once on the more advanced work.

Requirements for Graduation. The degree of Bachelor of Science is granted upon satisfactory completion of any of the four-year programs of study offered by this College, provided the student has been registered in that course for at least two semesters prior to the time of graduation. 136 credits and the same number of grade points are required for graduation in all courses except engineering, in which 148 credits are required. In those courses in which summer field work or practice is either required or elective the number of credits required for graduation is increased by the number of credits given for such summer work. In some cases the student is permitted to spend his fourth year at some approved professional college but is granted the Bachelor's degree by this University. (See page 34.)

AGRICULTURE

The courses in this department are designed to give the student an intimate knowledge of the fundamental principles which underlie agriculture as a science and a profession, and thus equip him for effective service either in practical farming, agricultural education, or research work. Agricultural science comprehends a wide range of subjects, and includes something from nearly every department of human learning.
The natural sciences of geology, chemistry, physics, botany, zoology, bacteriology, and physiology are directly and intimately related to it. Not in the sciences alone should the agricultural student be broadly educated, but also in mathematics, languages, history, and economics.

In outlining these courses the object sought is first to teach the general laws governing the relationship of growing crops and living animals to soil, climate, and surroundings. The method is by laboratory investigations, field experiments and lectures. This study of the fundamentals will be required of all students who intend to specialize in any advanced line of agricultural work.

Following this fundamental work the special applications and modifications appertaining to particular crops and problems are studied.

The outline of courses for the first year is the same for all students in agriculture, with opportunities for divergent specializing in later years. The second and third years include a few required courses but there is ample opportunity for the student to elect those courses which pertain most closely to the branch of agriculture in which he is most interested.

**REQUIRED COURSES**

**FIRST YEAR**
- Botany 101
- Chemistry 101 or 102
- English 100 or 102
- Mathematics 149 or 150, 151
- Military Science and Physical Education

**SECOND YEAR**
- Physics 102
- English 120 or 130
- Military Science and Physical Education

**THIRD YEAR**
- Agriculture 250
- Agriculture 251
- Agriculture 254

**FOURTH YEAR**
- No required courses, except that major requirements must be satisfied.

Before the end of the Freshman year, the student must submit for approval, to the Advisor and Dean, a detailed program of courses for the remaining three years, indicating as his major one of the following:


The general program of studies should be so arranged that the student's time will be divided as follows:

- General College Courses............. 60 credits
- General Agricultural Courses........ 20 credits
- Major Agricultural Requirement
  (Not including general courses)........ 16 credits
- Free electives—either agricultural courses in other than major branch or general electives........... 40 credits

Total requirement...............136 credits (minimum)

*The number of free electives will decrease as the credits in the three groups above are increased.
Students specializing in the study of pineapple production are advised to take Agriculture 258 in the summer following the Junior year. Pineapple Field Practice (Agr. 263) is the only course taken by these students in the second semester of the Senior year.

Students specializing in agricultural education to fit themselves for vocational service under the Smith-Hughes Act of Congress should take certain of the courses in Psychology and Education, as advised by the Dean.

ENGINEERING

The Course in Engineering is designed to give thorough training in the fundamental principles upon which professional engineering practice is based, and to illustrate the application of these principles by the solution of numerous practical problems. Persons entering this course are expected to be well prepared in the physical sciences and in mathematics up to and including solid geometry and plane trigonometry. It is desired to emphasize the necessity of thorough preparation in order that the more serious work of mastering technical subjects may not be hampered by lack of proper groundwork.

The general plan provides a broad foundation in English, mathematics, chemistry, physics, and drawing during the first two years. The work of the last two years is more technical and professional in its nature, embracing the study of the principles involved in power development by means of the various prime movers, including steam engines, water-wheels, gas and gasoline engines, and steam turbines; and also a study of the design of such machines, and of the materials entering into their construction, as well as practical tests to determine their working efficiency and economy of operation. It is aimed to fit graduates to assume gradually, as practical experience is acquired, those administrative responsibilities which are more and more devolving upon men of technical training, and to become ultimately skillful practical engineers. So far as possible, the importance of each subject covered is illustrated by the application to some work which is met in actual practice. It is also intended that the course shall be valuable from an educational viewpoint; therefore, while the student is learning each subject both theoretically and practically, the training of his mind is kept in view as well as the needs of the profession.

REQUIRED COURSES

<table>
<thead>
<tr>
<th>FIRST YEAR</th>
<th>SECOND YEAR</th>
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<tbody>
<tr>
<td>Civil Engineering 101</td>
<td>Civil Engineering 125</td>
</tr>
<tr>
<td>Mechanical Drawing 101</td>
<td>Civil Engineering 151</td>
</tr>
<tr>
<td>Mathematics 104</td>
<td>Mechanical Drawing 133</td>
</tr>
<tr>
<td>Chemistry 101 or 102</td>
<td>Mathematics 106</td>
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<tr>
<td>English 100 or 102</td>
<td>Physics 150, 151</td>
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<tr>
<td>Military Science and</td>
<td>English 120 or 130</td>
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<tr>
<td>Physical Education</td>
<td>Military Science and</td>
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<td></td>
<td>Physical Education</td>
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</table>
SUGAR TECHNOLOGY

The courses in Sugar Technology are designed primarily for those who desire to enter into active service in some branch of the sugar industry. Although these courses, since they prepare for one particular industry, might be termed highly specialized, the importance of a sound training in general science has not been overlooked. In the third and fourth years enough special instruction in subjects pertaining directly to the sugar industry is given so that the man who completes this course should have sufficient technical understanding to prove of some immediate value in a subordinate position on a plantation, and yet not have his future progress hampered by an inadequate theoretical training.

The Hawaiian Sugar Planters' Association offers many very valuable opportunities for making more practical the instructional work of the University. Advanced students serve as apprentices in their mills and plantations, and take part in their Experiment Station projects and activities.

The cane sugar industry, as carried on in the tropics, comprises in itself two quite distinct branches: the growing of cane, and its manufacture into sugar. Inasmuch as it would be extremely difficult, if not impossible, to acquire a thorough knowledge in both these branches in four years, the courses in Sugar Technology are offered in three divisions.

**Agricultural Division.** The first year is almost parallel with the course in Agriculture. In the third year it is advisable to elect certain courses in chemistry in addition to strictly agricultural topics, for the reason that sugar production is probably more dependent on chemistry than is any other branch of agriculture. Sugar analysis is also required, as familiarity with this work is often required of an agricultural chemist. The lectures on cane sugar manufacture are required in the fourth year, as it is desirable that the agriculturist have some knowledge of what happens to the cane after he has grown it.

**Sugar Chemistry Division.** The work of the first two years follows closely that of the Agricultural Division, but in the third and fourth years the course differs in offering more work in chemistry, with the purpose of giving such training in chemistry as shall prepare a student not only to become an efficient sugar chemist, but also to conduct investigations leading to better methods of control in the manufacture of sugar.

**Sugar-House Engineering Division.** The first year is identical with the course in Engineering, while the second year differs only in the substitution of qualitative analysis for advanced mechanical drawing. Chemistry is continued in the third year, together with the most essen-
Sugar Technology

tial of the engineering subjects. Students in this division take sugar analysis and sugar manufacture together with those of the Sugar Agricultural Division.

During the summer vacation between the third and fourth years a minimum of six weeks' work on one of the plantations, or in connection with the work of the Experiment Station of the Hawaiian Sugar Planters' Association, is required of students in all divisions. The student must submit a written report in duplicate of the work performed.

The second semester of the fourth year is devoted almost entirely to practical work. Arrangements are made whereby students in the Sugar Agriculture Division serve as student assistants in the Experiment Station of the Hawaiian Sugar Planters' Association, and those in the Sugar-house Engineering Division serve as special apprentices in the factory of one of the plantations, where they actually perform the manual labor required at the various stations of the mill and boilinghouse. Careful notes must be kept of this work and a report in duplicate submitted at the end of the semester.

This also applies to students in the Sugar Chemistry Division, who may elect either field or factory practice.

REQUIRED COURSES

AGRICULTURAL DIVISION

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Botany 101</td>
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<tr>
<td>Chemistry 101 or 102</td>
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<tr>
<td>Mathematics 150, 151*</td>
<td></td>
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<tr>
<td>English 100 or 102</td>
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<tr>
<td>Drawing, M. D. 101</td>
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<tr>
<td>Military Science and</td>
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<tr>
<td>Physical Education</td>
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CHEMISTRY DIVISION

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<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tr>
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<tr>
<td>Chemistry 101 or 102</td>
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<td>Mathematics 150, 151*</td>
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<tr>
<td>English 100 or 102</td>
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<tr>
<td>Drawing, M. D. 101</td>
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<tr>
<td>Military Science and</td>
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<tr>
<td>Physical Education</td>
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FIRST YEAR

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<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Botany 101</td>
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<tr>
<td>Chemistry 101 or 102</td>
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<tr>
<td>Mathematics 150, 151*</td>
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<tr>
<td>English 100 or 102</td>
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<tr>
<td>Drawing, M. D. 101</td>
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<tr>
<td>Military Science and</td>
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<tr>
<td>Physical Education</td>
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SECOND YEAR

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>English 120 or 130</td>
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<tr>
<td>Chemistry 150, 151</td>
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<tr>
<td>Physics 102</td>
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<tr>
<td>Civil Engineering 101</td>
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<tr>
<td>Military Science and</td>
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<tr>
<td>Physical Education</td>
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THIRD YEAR

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Agriculture 250, 251, 254</td>
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<tr>
<td>Sugar Technology 201, 253</td>
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<tr>
<td>Agriculture 252</td>
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<tr>
<td>Sugar Technology 250, 252, 255</td>
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<tr>
<td>Economics 150</td>
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FOURTH YEAR

<table>
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<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Agriculture 252</td>
<td></td>
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<tr>
<td>Sugar Technology 250, 252, 255</td>
<td></td>
</tr>
<tr>
<td>Economics 150</td>
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</tbody>
</table>

* Students who offer 3½ units of mathematics for entrance will not be required to take mathematics 150, 151, but will ordinarily be expected to elect mathematics 152, 153.
A summer course (Sugar Technology 253) must be taken in the field during the summer period following the Junior year. The second semester of the senior year is spent in the field or mill taking Sugar Technology 255 or 257, for which 16 credits are granted.

SUGAR-HOUSE ENGINEERING DIVISION

FIRST YEAR
Mathematics 104
Chemistry 101 or 102
Mechanical Drawing 101
Civil Engineering 101
English 100 or 102
Military Science and
Physical Education

SECOND YEAR
Mechanical Engineering 129
Mathematics 106
Physics 150, 151
Chemistry 105, 150
English 120 or 130
Military Science and
Physical Education

THIRD YEAR
Civil Engineering 252, 253, 255
Mechanical Engineering 282
Engineering Laboratory (X.E.) 253
Sugar Technology 201, 253
Chemistry 230
Physics 250, 253

FOURTH YEAR
Mechanical Engineering 284
Physics 200
Sugar Technology 250, 252, 257
Economics 150

In the summer period following the Junior year the student must take Sugar Technology 253.

The second semester of the Senior year is devoted entirely to Factory Practice (Sugar Technology 257).

HOME ECONOMICS

The courses in Home Economics allow specialization in either Household Art or Household Science but are designed to give some fundamental training in the branch not chosen as a major. A program combining the fundamental subjects of Household Art and Household Science as well as the required training in Psychology and Education is provided for students who wish to fit themselves as teachers of Home Economics. These students will register at the beginning of the junior year in the School of Education and will be held to the courses in Education and Psychology as required by that School (see p. 57). Students in Home Economics are expected to major in one branch of the subject and elect the other branch as a minor. In order to guide the student, certain elective subjects are suggested as particularly adapted for the work of that year. The student will be assisted by her faculty advisor in arranging a program of studies adapted to her needs and capabilities.

To meet a major requirement, students must offer courses totaling at least 18 credits in the particular major with at least 12 credits in allied or closely related subjects; for a minor, these totals are 12 and 8.
Home Economics

REQUIRED COURSES

<table>
<thead>
<tr>
<th>HOUSEHOLD SCIENCE</th>
<th>HOUSEHOLD ART</th>
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<tbody>
<tr>
<td><strong>FIRST YEAR</strong></td>
<td></td>
</tr>
<tr>
<td>English 100</td>
<td>English 100</td>
</tr>
<tr>
<td>Chemistry 101 or 102</td>
<td>Chemistry 101 or 102</td>
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<tr>
<td>Household Science 150</td>
<td>Household Science 150</td>
</tr>
<tr>
<td>Art 150, 151</td>
<td>Art 150, 151</td>
</tr>
<tr>
<td>Household Art 110</td>
<td>Household Art 110</td>
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<tr>
<td>Household Art 112</td>
<td>Household Art 112</td>
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<tr>
<td>Household Art 150</td>
<td>Household Art 151</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Physical Education</td>
</tr>
<tr>
<td>†Botany 156</td>
<td>†Botany 156</td>
</tr>
<tr>
<td>†Geography 151</td>
<td>†Geography 151</td>
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<td></td>
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<tr>
<td><strong>SECOND YEAR</strong></td>
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<tr>
<td>English 120 or 130</td>
<td>English 120 or 130</td>
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<tr>
<td>Household Art 114</td>
<td>Household Art 114</td>
</tr>
<tr>
<td>Household Science 102</td>
<td>Household Science 102</td>
</tr>
<tr>
<td>Art 172, 175</td>
<td>Art 154, 155, 172, 175</td>
</tr>
<tr>
<td>*Chemistry 105</td>
<td>Economics 160, 151</td>
</tr>
<tr>
<td>†Chemistry 150, 151</td>
<td>Electives 3 to 5 credits each</td>
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<tr>
<td>Economics 150, 151</td>
<td>semester</td>
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<tr>
<td>Physical Education</td>
<td>Physical Education</td>
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<tr>
<td><strong>THIRD YEAR</strong></td>
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<tr>
<td>Household Science 200</td>
<td>Art 250-251</td>
</tr>
<tr>
<td>Home Economics 250</td>
<td>Art 170-171</td>
</tr>
<tr>
<td>Chemistry 260, 263</td>
<td>Household Art 252, 253</td>
</tr>
<tr>
<td>Home Economics 252, 253</td>
<td>Home Economics 250</td>
</tr>
<tr>
<td>Zoology 291</td>
<td>Home Economics 252, 253</td>
</tr>
<tr>
<td>Elective 6 to 9 credits each semester</td>
<td>Household Science 271</td>
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<tr>
<td></td>
<td>Elective 6 to 9 credits each</td>
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<tr>
<td><strong>FOURTH YEAR</strong></td>
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<tr>
<td>Household Science 251</td>
<td>Art 276, 277</td>
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<tr>
<td>Household Science 249</td>
<td>Art 173</td>
</tr>
<tr>
<td>Household Science 291</td>
<td>Household Science 291</td>
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<tr>
<td>Elective 10 to 12 credits each semester</td>
<td>Elective 10 to 12 credits each</td>
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<td>semester</td>
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</tbody>
</table>

The total requirement of credits and grade points as stated on page 43 must be met. The student may elect any subject and offer credits so obtained in order to fulfill the free electives.

† Suggested electives.
* First semester only.
GENERAL SCIENCE

Students who desire to specialize in the biological sciences or in chemistry, physics or mathematics may register in the General Science course as candidates for the Bachelor of Science degree. It is intended that each student shall have a knowledge of the elements of a considerable range of subjects, and at the same time specialize in some field sufficiently to become acquainted with its more advanced phases and proficient in its methods of work. In order to accomplish this result the student is allowed considerable latitude in the selection of studies, but is required to carry the major part of his elective work in some one group of sciences.

In order to graduate in the General Science course the student must have passed the prescribed studies of the first and second years, must have completed fundamental courses and have satisfactorily completed courses aggregating not less than a total of 136 credits. One of the two groups—Physical Sciences or Biological Sciences—must be selected during the first year, and at least 60 per cent of the elective work of the course must be in this group. No credit toward graduation is given for courses which cover only field work or practice.

Before the end of his Freshman year, the student must file with the Dean a program, approved by the Dean, indicating the courses he intends to take during the remaining three years of his collegiate work. He must designate as his major subject one of the following: (1) Botany, (2) Zoology, (3) Chemistry, (4) Physics and Mathematics. During the last four semesters the student must devote the major part of his time to the subject selected and to closely related courses in the other subjects. To graduate it will be necessary that at least 30 credit hours be gained in his major subject.

Students who plan to specialize in Chemistry, Zoology or Botany should have a working knowledge of German and French, since it is essential for advanced work in these subjects. Such students, therefore, should elect German or French in the Freshman year. In every case, the student should consult for advice the head of that department in which he plans to take the major portion of his work.

Students who plan to meet the entrance requirements of medical schools by either two or three years of resident collegiate work, electing the major portion of their work in science, should enter this course. Electives chosen must, to a large extent, be governed by the standard admission requirements of medical schools (see page 34). Attention of entering students is particularly called to the prerequisite for Physics 102. Students who enter with algebra through quadratics, plane geometry, and trigonometry are not required to elect Mathematics 150, 151 in their Freshman year.

Prescribed courses are few. In the Freshman year, the student must take English 100 or 102, Chemistry 101 or 102 and Military Science and Physical Education. In the second year, he must take English 120 or 130, and Military Science and Physical Education. In the succeeding years, there are no required courses but, prior to graduation, every student must complete fundamental courses aggregating at least six credits in at least five of the following seven groups:
An outline list of the courses from which the group elective work must be selected is given below:

GROUP ELECTIVE WORK

GROUP A

PHYSICAL SCIENCES

1st Year
Math. 104, 149, 150, 151, 152, 153
Geog. 150, 151
Drawing
Language
or
Political Science
150 and 151

*Math. 106
Phys. 102, 150, 151
Chem. 105, 106, 150, 151, 161
Geol. 252, 253, 256
C. E. 101
M. D. 133
Language

or

History 140

3rd and 4th Years
Math. 250, 252, 253, 254, 255, 270, 271, 272, 273, 274, 275
Chem. 211, 212, 213, 214, 215, 216, 230, 280, 281, 263, 318
Sugar Tech. 201, 250, 252
Phys. 200, 250, 253, 255, 257, 351
C. E. 231, 252, 253, 255
M. E. 252, 282
Geol. 255

GROUP B

BIOLOGICAL SCIENCES

1st Year
Botany 101
Zoology 150, 151
Geography 150, 151
Drawing
Language
or
Political Science 150 and 151

*Botany 102, 106, 107, 156, 155
Chemistry 105, 106
Zoology 100
Geology 252, 253, 256
H. S. 102
Physics 102
Psychology 150
Language

or

History 140

3rd and 4th Years
Bot. 151, 153, 158, 200, 209, 210, 253, 254, 255, 268, 300, 301
Chem. 230, 260, 261, 263
Zool. 102, 152, 153, 251, 253, 260, 261, 270, 271, 291, 300, 301
Agr. 250, 251, 254, 261, 262
Geol. 255, 261
H. S. 200, 249, 251, 271, 350, 351
Econ. 150, 151
Physics 255, 257

* First year electives are open to Sophomores.
† First year science electives taken by Juniors and Seniors count half credit only.
Second year electives are open to Juniors and Seniors.
The College of Arts and Sciences has a twofold purpose. Its first aim is to make possible a comprehensive and thorough acquaintance with those fields of thought and achievement, both in the humanities and the sciences, upon which our present civilization has been reared. It seeks also, through the operation of a system of group electives, commencing with the Sophomore year, to prepare the student for those activities which are professional rather than technical in their nature, such as law, medicine, teaching, journalism, commerce, and public and social service.

In the main, therefore, the courses of study offered in this College are those generally recognized as forming the basis of a liberal education. Because of our unique geographical position, standing midway between continental America and the Orient, Hawaii must understand the Orient as well as the Occident. More than usual attention is therefore given to the languages, literature, philosophy, and history of the lands bordering upon the Pacific.

Admission. For admission to this college 15 (or 12) acceptable units as defined on pages 31 and 32 should be offered, three of which must be in English and one in algebra. (This latter requirement may be satisfied by the 9th grade General Mathematics of the Junior High Schools.) Students planning to enter Group III, Biological and Physical Sciences, will find it advantageous to offer high school algebra through quadratics and plane geometry.

Requirements for Graduation. To be entitled to the degree of Bachelor of Arts, the candidate must

(a) have passed all the prescribed studies (see page 53).
(b) have received credit for a minimum of 128 semester hours, and
(c) have gained a minimum of 136 grade points,* of which at least 69 must have been earned during the last half of the course.

Graduates from the College of Arts and Sciences are awarded the degree of Bachelor of Arts.

Language Requirements. Students in the College of Arts and Sciences must complete French 101, Spanish 101, German 101, or an equivalent by the end of the Sophomore year; or Chinese 200, Japanese 200, Hawaiian 200, or an equivalent by the end of the Junior year. Students who fail to meet this requirement will not be allowed credit toward graduation for a language course taken later to make up this deficiency.

Number of semester hours a semester. Except as provided below, no student in the College of Arts and Sciences shall be permitted to register for more than 16 semester hours in any semester, in addition

* For an explanation of grade points see page 33.
Bachelor of Arts Degree

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to the prescribed courses in Military Drill and Physical Education. Students who have, however, during the preceding semester, gained a minimum of 30 grade points may register for 18 credit hours, in addition to Military Drill and Physical Education; as may Freshmen during their first semester, provided their grades in the subjects offered for entrance average 85% or more.

Although the greater part of the work is elective, the student is expected to select his studies in conformance with a well-defined program. To this end he registers in one of the five groups of allied subjects indicated below, and is given a faculty advisor who will assist him in his choice of studies. No credit will be given for any course not regularly entered, with the Dean's approval, upon the registration card.

Group I. Social Sciences.
Group II. Languages, Literature, and Art.
Group III. Natural and Physical Sciences.
Group VI. Education. (See School of Education, p. 57.)
Group V. Economics and Business.

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

Prescribed Courses

<table>
<thead>
<tr>
<th>FIRST YEAR</th>
<th>SECOND YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Credits</td>
</tr>
<tr>
<td>Semester</td>
<td></td>
</tr>
<tr>
<td>English 100 or 102</td>
<td>3</td>
</tr>
<tr>
<td>Science*</td>
<td>3 or 4</td>
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<tr>
<td>Pol. Sci. 150, 151</td>
<td>3</td>
</tr>
<tr>
<td>Modern Language</td>
<td>3</td>
</tr>
<tr>
<td>Mil. Sc.</td>
<td>1</td>
</tr>
<tr>
<td>Phys. Ed.</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>17-18</td>
</tr>
</tbody>
</table>

THIRD AND FOURTH YEARS

All electives, provided the Modern Language requirement has been met.

GROUP ELECTIVES

In addition to the courses listed above as required of all students in the College of Arts and Sciences, certain elective courses must be chosen to meet the group requirements stated below. Other electives may be chosen as the student desires, provided the prerequisites of the courses are satisfied. The student is expected, however, to map out a plan of study with the aid of a faculty advisor. The group electives are listed under the heads of the respective groups, together with the year in which they can ordinarily be most advantageously taken.

* Chem. 101 or 102, or Bot. 101, or Zool. 150, 151, or Survey 100. This requirement may be met either in the Freshman or the Sophomore year.

† Unless met by end of Freshman year.
GROUP I—SOCIAL SCIENCE

Students preparing for the study of law, journalism, or for public or social service will select this Group. Of the elective courses at least 42 semester hours are to be chosen from courses in History, Political Science, Sociology, Economics, Business and Geography.

First and Second Years:
History 100, 110, 124, 125, 140
Geography 150, 151
Political Science 170, 171
Economics 123, 150, 151
Sociology 150, 151, 160, 161

Third and Fourth Years:
History 220, 241, 243, 244, 245, 247, 253, 254, 256, 257, 258, 259, 265, 291, 310, 320, 327
Geography 252, 253, 300
Political Science 200, 245, 252, 254, 255, 256, 261, 262, 263, 271, 330
Economics 260, 261, 270, 273, 276, 281, 285, 300
Business 275, 291

GROUP II—LANGUAGES, LITERATURE AND ART

Students desiring to specialize either in languages and literature, or in art, should select this Group.

Of the elective courses, a minimum of 40 semester hours must be chosen from the courses in English, French, Spanish, German, Hawaiian, Chinese, Japanese, and Art; Economics 123; History 110, 291; Political Science 256, 271; Psychology 252; Sociology 150, 151.

GROUP III—NATURAL AND PHYSICAL SCIENCES

Students preparing for medicine or dentistry will select this Group, provided they are candidates for the degree of Bachelor of Arts. See page 34.

Of the elective courses, at least 48 semester hours must be chosen from some group of related sciences. A statement of the minimum requirements of medical schools and of subjects strongly urged appears on page 35.

First and Second Years:
Chemistry 101, 102, 105, 106, 150, 151, 161
Botany 101, 102, 106, 107, 151, 153, 155, 156, 157, 158
Zoology 100, 102, 150, 151, 152, 153
Mathematics 104, 106, 149, 150, 151, 152, 153
Physics 102, 150, 151

Third and Fourth Years:
Chemistry 211, 212, 213, 214, 215, 216, 217, 230, 260, 261, 263, 318
Botany 200, 208, 210, 253, 254, 256, 258, 300, 301
Zoology 251, 253, 260, 261, 270, 271, 291, 300
Mathematics 250, 252, 253, 254, 255, 270, 271, 272, 273, 274, 275
Physics 260, 250, 253, 255, 257, 361
Geology 252, 253, 255, 256, 261, 300
GROUP IV—EDUCATION

Students who desire to enter the teaching profession will prepare for admission to the School of Education (see page 57), electing courses in the first and second years which will contribute to the objective in view. Psychology 150 and Education 151 will be taken in the second year.

GROUP V—ECONOMICS AND BUSINESS

Students desiring a training in Economics and Business will register in this Group. During the Freshman and Sophomore years, courses are offered in English, a foreign language, Sociology, Political Science, History and Geography. Specialization in Economics and Business begins in the Junior year. The student then selects, with the assistance of the group advisor, one of the five fields or programs of study into which the work of the Group is divided. These fields are: (a) Business Management and Finance, (b) Merchandising, (c) Foreign Trade, (d) Accounting, and (e) Economics. Each of these fields comprises in addition to a liberal allowance of elective credit hours a group of required courses so selected as to present a general survey of Economics and Business and a considerable degree of specialization in the field concerned. Students who are undecided as to their future business connections will register in Economics.

OUTLINE OF COURSES IN ECONOMICS AND BUSINESS

FIRST YEAR

English 100 or 102
Political Science 150, 151
Modern Language (French, German, Spanish, Hawaiian, Japanese, or Chinese)
Geography 150, 151

SECOND YEAR

English 130
Modern Language (continued)
Economics 150, 151
Business 150, 151

THIRD AND FOURTH YEARS

BUSINESS MANAGEMENT AND FINANCE

Business 250, 251, 260, 261, 264, 265, 266, 270, 271, 291
Economics 260, 261, 270, 276
English 201
Political Science 254, 255

MERCHANDISING

Art 156
Economics 260, 270, 273
English 201
Political Science 254, 255
FOREIGN TRADE

Economics 260, 273, 285
English 201
History 124, 125
Political Science 170

ACCOUNTING

Business 150, 151, 250, 251, 259, 260, 261, 264, 265, 270, 271, 291
Economics 260, 276
English 201
Political Science 254, 255

ECONOMICS

Business 150, 151, 264, 270, 271
Economics 260, 261, 270, 276, 281, 285
History 243
Political Science 171, 254
Sociology 151
SCHOOL OF EDUCATION*

Faculty

While the entire faculty of the University is available for instructional service for students in the School of Education, those listed below conduct professional courses in the School.

Thayne M. Livesay, Education and Psychology
E. Lowell Kelly, Education and Psychology
Fred E. Armstrong, Agricultural Education
Robert R. Spencer, Supervisor of Practice Teaching
Katherine Bazore, Home Economics
John S. Donaghho, Mathematics
Otto Klum, Physical Education
Cecyl B. Lovejoy, English
Adelaide Morris, Art and Design

Purpose

The School of Education is a professional unit of the University admitting only students who have done two years of college work and who can satisfy certain entrance requirements. The School offers a course of study covering two years, leading to the Bachelor's degree, and graduate courses leading to an advanced degree. It is intended that the School will perform the following functions: Provide professional training for undergraduate students who expect to teach in secondary schools; provide further professional training for teachers in service; provide advanced work for graduate students leading to the M.A. degree; conduct research relating to local problems of educational and psychological import.

Admission

All prospective teachers are expected to enter the School of Education.

Students from either college of the University or from other collegiate institutions of recognized standing may be admitted provided they (1) have earned a minimum of 64 semester hours credit and an equal number of grade points, (2) have satisfactorily completed certain lower division courses, or their equivalent, required by the College of Arts and Sciences, and in addition Education 151 and Psychology 150, and (3) pass an entrance examination in oral and written English.

Degree Requirements

Candidates for the degree of Bachelor of Arts in Education must satisfactorily fulfill the requirements set by the College of Arts and Sciences and in addition must complete the courses prescribed by the School of Education.

* In September, 1931, this will become a part of the Teachers College of the University, in accordance with an Act of the 1931 Legislature.
Required Professional Courses

<table>
<thead>
<tr>
<th>JUNIOR YEAR</th>
<th>SENIOR YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 250</td>
<td>Education 252</td>
</tr>
<tr>
<td>Education 251</td>
<td>*Education 252a-g</td>
</tr>
<tr>
<td>Education 252</td>
<td>Education 253</td>
</tr>
<tr>
<td>Education 260</td>
<td>Education 261</td>
</tr>
<tr>
<td>Education 261</td>
<td>Education 295</td>
</tr>
</tbody>
</table>

All candidates will be required to prepare for teaching in two fields, with a minimum of 20 semester hours in each field.

Graduates who intend to begin their teaching in Junior High Schools of Hawaii should choose their teaching subjects from the following list: Art, Agriculture, Economics and Business, English, Home Economics, Languages, Mathematics, Physical Education, Science, Social Science.

Students in vocational agriculture and home economics will register in the School of Education but continue to be subject to the graduation requirements prescribed by the College of Applied Science, receiving the degree of Bachelor of Science.

Candidates for the Master's degree are governed by the rules and regulations of the University pertaining to graduate study. (See p. 36.)

GRADUATE SCHOOL OF TROPICAL AGRICULTURE

The Graduate School of Tropical Agriculture of the University of Hawaii is established for the purpose of providing facilities for research and graduate training in the several branches of science pertaining to tropical agriculture. To provide the best possible physical equipment and instructing personnel several scientific institutions in Honolulu have joined with the University of Hawaii in a cooperative union, each providing certain facilities.

ADMISSION

Admission is limited to students who are graduates of some collegiate institution of recognized standing, or whose experience and training are considered to be the equivalent. In general, students will be required to have an adequate knowledge of the sciences fundamental to their major field and which will qualify them to carry on a major research problem. Only those applicants for admission will be accepted whose previous training seems to enable them to prosecute the work in prospect in the Graduate School. This will imply, as a general rule, that acceptable candidates will be those who hold a Master's degree or who have done professional work beyond the Bachelor's degree in the chosen field.

* Certain of these courses are given in alternate years only and should be taken in the Junior year.
Degree Requirements

Students may be admitted either (1) as candidates for an advanced degree, (2) as research fellows, not seeking a degree but desirous of prosecuting some special research, or (3) as special students participating in a course or two. Candidates for an advanced degree may seek that degree in this institution or in another by transfer of credits. If the student wishes to receive the degree from this institution it will be necessary for him to pass a qualifying general examination at least one year prior to the awarding of the degree. The requirements for advanced degrees are standard. It is the intention, for the present, to limit the admission of candidates for advanced degrees to a small number.

The courses of study are in general organized on the seminar basis. A limited number of persons may be admitted as auditors in certain of the lecture courses. No credits are given to auditors nor are permanent records kept of their work.

Inasmuch as the accommodations are limited, the Graduate School of Tropical Agriculture may decline the applications of some prospective students even though they are adequately prepared. Consequently, any one not a resident of Honolulu who is interested in applying for admission is urged to submit his application by mail rather than to incur the expense of travel to Hawaii before acceptance by the School.

Students may arrange to transfer credits to other institutions for the purpose of receiving degrees if they desire.

Degree Requirements

While major emphasis is placed on non-degree work, the Graduate School will accept a limited number of candidates for the doctor's degree.

For the Master of Science degree the student is required to spend at least one academic year in residence, complete satisfactorily a program of study and research prescribed by the committee in charge of his candidacy, and pass a general examination at the end of his course to show his grasp of the subject under study.

For the Doctor of Philosophy degree the student is required to spend at least three academic years in residence, at least one year of which must be at the University of Hawaii, and must complete satisfactorily a program of research and study prescribed by the committee in charge of his candidacy, and pass the necessary examinations. A qualifying general examination, which includes a test of reading knowledge of both French and German, must be passed at least one academic year (nine months) prior to the awarding of the degree, and a student will not be formally considered a candidate for the doctor's degree until he has passed this examination. The final examination will be given on completion of the Doctor's dissertation, and will comprise a presentation and defense of the dissertation.
COURSES OF INSTRUCTION

Courses numbered 100 to 199 are Freshman and Sophomore, or lower division courses. Those numbered 200 to 299 are for Juniors and Seniors, but may be open to Graduate Students. The numbers 300 to 399 designate Graduate courses, but in some instances Seniors may register in these.

Courses which extend through the year (two semesters) are designated by 00 to 49, as 100 to 149, 200 to 249 and 300 to 349. Courses of one semester length are designated by 50 to 99, as 150 to 199, 250 to 299 and 350 to 399.

Courses marked by an asterisk are open to auditors (see page 31).

AGRICULTURE

100 Orientation Course

A series of about five lectures on the agriculture of Hawaii. Designed to acquaint the student with the different fields of agriculture in the Territory with a view to enabling them to more intelligently select a major field of study at the end of the freshman year. First semester. Required of all freshmen in Agriculture. No credits.

151 Animal Husbandry

A general study of the important breeds of horses, cattle, sheep, and swine, their feeding, care and management. Lectures, recitations and laboratory work. Fee $1.00. Second semester, 3 credits.

152 Poultry Husbandry

An elementary course dealing with the embryology of the baby chick, the anatomy of the digestive and reproductive systems, the genetics of egg production, and the principles of poultry husbandry. Two lectures and one laboratory per week. Fee $1.00. First semester, 3 credits.

250 Soils

The origin and physical properties of local soils including a consideration of texture, structure and moisture relations. Required of Juniors in Agriculture and Sugar Technology, Agriculture and Chemistry divisions. Prerequisites: Chemistry 101 or 102 and Physics 102. Three lectures or recitations and two laboratory periods each week. Fee, $3.00; returnable deposit, $2.00. First semester, 5 credits.

251* Crops

A study of the history, botany and culture of the leading tropical and temperate zone crops with special emphasis on the former. Required of Juniors in Agriculture and Sugar Technology, Agriculture and Chemistry divisions. Prerequisite: Agriculture 250. Two lectures or recitations, one laboratory period each week. Fee $2.00. Second semester, 3 credits.
Courses of Instruction

252* Sugar Cane Production  
H.S.P.A. Experiment Station Staff

A study of the varieties of cane, their planting, irrigation, fertilization, and harvesting. Includes visits to various experimental fields and plantations. Students are required to keep Fridays as free from other work as possible for field trips. Prerequisites: Agriculture 250 and 254. Lectures, recitations, and laboratory periods. Fee $2.00. First semester, 4 credits.

253* Dairying  
Henke

A study of dairy cows, the production, handling, and marketing of milk and milk products, milk testing and separation, butter-making, etc. Two lectures or recitations, and one laboratory period a week. Fee $1.00. First semester, 3 credits. Alternates with Agriculture 257. Not given in 1931-32.

254 Principles of Genetics  
Collins

A study of the fundamentals of genetics as a basis for the improvement of plants and animals. It includes a thorough study of the operation of the Mendelian laws, the chromosome theory of heredity and of variation. Application of a knowledge of genetics to practical affairs will be pointed out in appropriate places throughout the course. Two lectures per week, one problem set per week, assigned readings and demonstrations. Prerequisites: Botany 101 and Zoology 150 or their equivalent. Required of Juniors in Agriculture and Sugar Technology, Agriculture Division. Second semester, 3 credits.

255 Poultry Husbandry  
Bice

A course dealing with problems of management on a large commercial poultry farm; an hour report on one phase of the poultry industry; assigned outside reading and discussions based upon important research problems. Prerequisite: Agriculture 152. Two lectures, one quiz. Fee $1.00. Second semester, 3 credits.

257 Feeds and Feeding  
Henke

A detailed study of the feeding of all kinds of farm and plantation animals. Lectures and recitations. First semester, 3 credits. Alternates with Agr. 253. Given in 1931-32.

258 Pineapple Field Practice  
A.H.P.C. Experiment Station Staff

Properly qualified students will be recommended for eight weeks of summer practice work as student assistants at the Experiment Station of the Hawaiian Pineapple Canners' Association at Wahiawa. The student assistants will be under the direction of the Director of the Station and will be detailed to various activities of the Station with a view to becoming acquainted with as many aspects as possible of pineapple culture. Only students who register in the course in Agriculture may use these credits towards graduation. Advised, as prerequisite for Agriculture 260. 6 credits.

259 Poultry Husbandry  
Bice

Special problems largely in the field of poultry husbandry research. Individual work; course not conducted as a class exercise. First or second semester. Credit by arrangement.
260 Pineapple Production

A general study of pineapple production. Prerequisites: Botany 101 and 106, Zoology 150 or its equivalent, Chemistry 101 or 102, and Agriculture 250. First semester, 4 credits.

261* Horticulture


262 Advanced Genetics

A study of the organization of the germinal materials. Methods and results of modification of germinal materials. The course is designed primarily for those who expect to make genetics a major study and for those who expect to be engaged in academic or experiment station work. Two lectures per week, problems, assigned readings, field trips and demonstrations. Prerequisite: Agriculture 254. First semester, 3 credits.

263 Senior Field Practice in Pineapple Production

A.H.P.C. Experiment Station Staff

During the second semester of the Senior year students majoring in Pineapple Production will be required to work in the capacity of student assistants at the Experiment Station of the Hawaiian Pineapple Canners' Association at Waialua, under the supervision of the Director of the Station, or be sent out as assistants to the field men in charge of experimental and other work on various plantations. A full report of the work in duplicate must be submitted at the end of the semester. 16 credits.

264 Coffee Culture

A course in the cultivation and production of coffee, with reference to Hawaiian conditions. First semester, 3 credits. Not offered in 1931-32.

265 Agricultural Thesis

Henke and Agricultural Staff

Advanced individual work in field and laboratory, with accompanying library work. Second semester, credit by arrangement.

291 General Irrigation Practice

Wadsworth

Irrigation in its relation to crop production. A general course covering the sources of irrigation water; soil moisture, and its relation to plant growth, distribution and measurement of water and the water requirements of common plants. Open to Juniors and Seniors. No prerequisites. Three recitations, one laboratory. Second semester, 4 credits.

300 Research Work

Henke and Agricultural Staff

Situated in a climate where out-of-door experimental work can be carried on the year round, Hawaii affords ideal opportunities for research in tropical agriculture. First and second semesters. Credit by arrangement.
Courses of Instruction

ART

Courses 150-151, Art Appreciation and Design, are prerequisites for all work in design, interior decoration, stage craft and stage costume, illustration, commercial art, and crafts.

Courses 154-155, Freehand Drawing and Painting, are prerequisites for advanced painting, etching, illustration, commercial art, advanced interior decoration, stage craft and stage costume, and industrial design.

Students who apply for advanced standing or for exemption from any art course must submit examples of previous work.

Art Appreciation

150-151 Art Appreciation and Design Morris
The philosophy of esthetics and analysis of the elements and principles underlying all the space arts. Illustrated lectures, museum trips, class discussion, and simple exercises in line, dark-and-light and color harmony to stimulate appreciation and develop creative power. Second semester: formerly course 153. More advanced exercises in an appreciative study of art structure. Abstract and naturalistic forms used in simple compositions. Imaginative use of abstract form and pattern. No prerequisite. Two periods studio. First and second semesters, 2 credits each.

250-251 Art Appreciation and History Morris
The philosophy of esthetics and analysis of the art elements and principles underlying all the space arts; followed by an appreciative study of traditional art forms, their origin and development, as shown in the finest art products of various peoples, ages, periods, schools or artists. The influence of Occidental and Oriental art upon each other and a tentative evaluation of contemporary art. First semester: brief survey of Prehistoric, Primitive, Ancient, Early Medieval, Gothic and Renaissance art. Emphasis placed upon appreciation of fine examples rather than upon historical detail. Second semester: Appreciation of Oriental art. Prerequisites: Junior standing. Art 150 recommended. Illustrated lectures and museum trips. First and second semesters, 2 credits each.

Crafts

175 Textile Decoration Rempel
A course in the various techniques and processes of decorating materials used on the stage, in the home and in costuming. Processes used; drip dye, tie dye, direct dye painting, applique, stick printing, stencil and batik. Prerequisites: Art 150-151, present catalogue. Second semester, 2 credits.

276-277 Stage Craft and Stage Costume Rempel
Art structure as related to the stage and stage costume. Primary moods and emotions depicted through freely painted stage designs. Designing sets for plays. Construction, lighting and manipulation of miniature stage and stage sets. Brief history of costume and the stage. Costume design for the stage. Use of line, dark-and-light and color to present mood and character. Prerequisites: Art 150-151; 154-155; 170. First and second semesters, 2 credits each.
Design

150-151 Beginning Course: See Art Appreciation and Design Morris

156 Elementary Lettering Rempel
Appreciation and study of fine lettering. Study of modern letter forms and attractive layouts in advertising. Exercises in the underlying principles of lettering for freedom and originality of expression. Quick and accurate writing for commercial purposes with emphasis upon design. Prerequisites: Art 150-151. Prerequisites will be waived in the case of students from the advertising class. First semester, 2 credits.

170 Imaginative Design Rempel
Creative power and originality developed through use of imaginative motifs, fundamental design structure, interpenetration of planes, and abstract form and color movements. Prerequisites: Art 150-151, present catalogue. First semester, 2 credits.

171 Industrial Design Rempel
Designs for specific crafts and industries, including pottery, leather, wood, metal, etc. Designs rendered in commercial style. Prerequisites: Art 150-151; 154-155; 170. Second semester, 2 credits.

270 Advanced Composition Rempel
Creative composing of all manner of naturalistic and imaginative forms, in two and three dimensions. Emphasis upon well balanced and harmonious compositions. Prerequisites: Art 150-151, 170. First semester, 2 credits. (Not given in 1931-32.)

Drawing and Painting

154-155 Freehand Drawing and Beginning Painting Rempel
Principles of perspective and development of feeling for fine quality in line and mass drawing of still life, casts, buildings, interiors and furniture. Value renditions in various mediums. Memory sketching. Second semester: representative painting and a study of the technique of water-color. This course is a prerequisite for advanced painting, etching, illustration, commercial art, industrial design, advanced interior decoration, stage craft and stage costume. Two periods studio. No prerequisite. First and second semesters, 2 credits each.

160-161 Painting Luquiens

266-267 Etching Luquiens
A study of the technical methods of etching, including line etching and dry point, and for students who so wish, soft ground, aquatint, etc. Work will be chiefly in landscape, but ample opportunity will be given advanced students to follow their own preferences in subject and treatment. Press and other permanent equipment furnished by the University. Studio fee, $1.00 per semester. Prerequisite: Art 160-161. Two
periods, studio and outdoor work. First and second semesters, 2 credits each.

Illustration and Commercial Art

272 Beginning Illustration

Imaginative figure drawing, including features and types, draped figure and action sketching. Also a study of notan compositions and rendering of various forms and structures in black and white. Prerequisites: Art 150-151, 154-155. First semester, 2 credits. (Not given in 1931-1932.)

273 Book Illustration

Illustration of fables, legends and imaginative tales. Beginning with spontaneous expression and leading to a more carefully planned composition. Prerequisites: Art 150-151, 154-155, 272. Second semester, 2 credits. (Not given in 1931-1932.)

275 Commercial Art

Fundamentally a course in composition plus the technical requirements of advertising and the psychology of selling. A study of post-impressionistic trend in various commercial mediums including newspapers, magazines, car-cards, posters, trademarks, folders, etc. Prerequisites: Art 150-151, 154-155, 156. Second semester, 2 credits.

Interior Decoration

172 House Design and Decoration

Appreciative study of the house, its surroundings and furnishings. Lectures, excursions to shops, museums and homes for practical demonstrations and discussions. Large compositions of simplified mass and arrangement of furnishings in the room. Color harmony. Historic styles and present day applications. Prerequisites: Art 150-151. First semester, 2 credits.

173 Furniture Design

Original designs for furniture. Study of period, peasant, Oriental and contemporary designs with regard to their suitability to the modern home. Original design for complete rooms, elevations and perspectives in color. Prerequisites: Art 150-151; 154-155, 170, 171. Second semester, 2 credits. (Not given in 1931-1932.)

BOTANY

101 General Botany

A study of the seed and spore plants. The structure of the members of the plant body of the seed plants, the relation of form to function and adjustment to external conditions are given special attention during the first semester. In the second semester, a brief survey of the principal groups from algae to seed plants, with a study of the life history of representative forms. The evolution of the vegetative and reproductive organs of the plant as related to the habitat. One hour lecture or recitation and two periods laboratory a week. Fee $3.00 per semester. Locker deposit $1.00. First and second semesters, 3 credits each.
102a Systematic Botany of the Flowering Plants  
St. John

An introduction to the flowers that are native, introduced, or cultivated on the Hawaiian Islands. The student learns to identify the plants, learns their geographic distribution, and their useful or harmful properties. The history of taxonomy and the botanical exploration of the islands. Frequent field trips to the native forests of the mountains and the collection of specimens for herbaria. Planned to give a wide acquaintance with plants. A preparation for advanced work and an aid in teaching. Prerequisite: Botany 101. One lecture hour and two laboratory periods a week. Fee $2.50 per semester. First and second semesters, 3 credits each.

106a Plant Physiology  
Bean

A study of the principal functions of plants, such as absorption, translocation, photosynthesis, nitrogen assimilation, and respiration, which are concerned with normal nutrition and growth. Prerequisites: Botany 101 and Chemistry 101. One lecture or discussion hour and two laboratory periods per week. Fee $3.00; breakage deposit $3.00, each semester. First and second semesters, 3 credits each.

107 Histological Technique  

A course in the preparation of permanent microscopic mounts of plant tissues. Includes methods of killing, fixing, embedding, sectioning, staining and mounting of tissues of various kinds. Supplements Courses 153 and 209. Valuable to students in plant breeding who are interested in the study of physical basis of heredity. Prerequisite: Botany 101. Six to twelve hours laboratory per week. Fee $2.00 per credit hour. First and second semesters, 2 to 4 hours credit. (Not given in 1931-1932.)

151 General Bacteriology  
Allen

An introductory course in bacteriology, emphasizing the morphology, culture, and physiology of microorganisms. The major groups of bacteria are studied with respect to their characteristics, functions, and their applications to household and industrial processes. The laboratory exercises concern the various phases of bacteriological technique. Prerequisite: Botany 101 or Zoology 151. Two lecture hours and two laboratory periods each week. Fee $5.00. Second semester, 4 credits.

153 Plant Pathology  
Allen

A systematic study of plant diseases. The course deals with a discussion of topics on the rise and development of the science of plant pathology; definitions, symptoms, and classifications of plant diseases; relation of diseases to the environment; methods of investigating plant diseases; relations of insects to plant diseases; storage, transportation, and marketing problems arising from plant diseases; and control measures, such as the use of fungicides, disease-resistant plants, clean seed, quarantine and inspection. The more common diseases of plants are studied in the laboratory, and the etiological agents isolated and identified. Prerequisite: Botany 101. One lecture hour and two laboratory periods each week. Fee $3.50. Second semester, 3 credits. (Offered in alternate years. Given in 1931-1932.)
155 Nutrition of Plants

A course dealing with: viability of the seed; nutrition of the embryonic plant during germination of the seed; development of adult from embryonic structures; intake of raw materials; and manufacture of food by the adult plant. No prerequisites. Two hours of lecture with demonstrations. Second semester, 2 credits.

156-157 Bacteria in Relation to the Individual and the Public

A course stressing the importance of bacterial activities in everyday life. The history of bacteriology, the most important groups of bacteria, and the methods of studying bacteria, are reviewed briefly. Special attention is given to the roles that bacteria play in agriculture, the dairy industry, the supervision of water supplies, sewage disposal, the canning industries, epidemics, types of diseases, and the bacteriological treatment of the most common diseases. Open to Freshmen. Two lectures each week. Each semester, 2 credits.

158 Mycology

A course of study on the structure, classification, and physiology of the major groups of fungi. The student becomes acquainted with the systems of classification, the taxonomic keys, and learns to identify representative forms of the fungal groups. Considerable attention is paid to the text-book treatment and the current mycological literature on these forms. Recommended for students anticipating work in plant pathology. Prerequisite: Botany 101 or two semesters of Zoology. One lecture hour and two laboratory periods each week. Fee $3.00. First semester, 3 credits. (Offered in alternate years. Not given in 1931-1932.)

200 Botanical Problems

The pursuit of any advanced botanical problem. Open to undergraduates. Can be taken repeatedly. Fee $1.00 per credit hour. Credit hours to be arranged.

209 Plant Anatomy

A study of the structure of vascular plants. The origin and differentiation of tissues and the relation of structure to function are emphasized. Prerequisite: Botany 101; Botany 107 desirable but not required. One hour recitation, two laboratory periods per week. Fee $5.00, deposit $3.50. First and second semesters, 3 credits each.

210 Biological Seminar

Presentation of seminar reports, reports upon research, or reviews of current biological literature. Recommended for juniors, seniors, and graduates, and to be taken repeatedly. One recitation hour per week. First and second semesters, 1 credit each.

253 Plant Ecology

A study of plants in relation to their environment, including the climatic and geographic factors. Plant sociology, comprising the origin, development, structure, and succession of plant societies. Prerequisite: Botany 102. Fee $3.00 per semester. Two lecture hours and two laboratory periods per week. Second semester, 4 credits.
254 Advanced Taxonomy  
St. John

A synoptical treatment of the higher Dicotyledons, with laboratory study of the important families, of plant distribution, and the independent identification of collections. Qualified students may do part of their work in the Herbarium of the Bishop Museum. Prerequisite: Botany 102. Fee $1.00 per credit hour. One lecture hour and one or more laboratory periods each week. First semester, 2 or more credits.

256 Advanced Plant Physiology  
Bean

A study of the process of nutrition and growth of plants based on modern interpretations of such subjects as permeability, ascent of sap, photosynthesis, respiration, enzyme action, the role of inorganic elements, nitrogen assimilation, and plant buffer systems. Discussions of the pro-seminar type devoted to recent literature of the subject and selected laboratory experiments. Prerequisites: Botany 106 and Chemistry 260. One discussion hour and one or two laboratory periods per week. Fee $2.50 per credit hour. First semester, 2 or 3 credits.

258 Agricultural Bacteriology  
Allen

A study of the role of the bacteria in nitrogen, carbon, and sulphur processes in the soil, the formation of humus, the decomposition of cellulosic and nitrogenous materials and the relation of these processes to agriculture. The latter part of the course deals with a study of the more common pathogenic soil bacteria of plants and animals. Recommended for students of agriculture. Prerequisite: Botany 151. Two lecture hours and two laboratory periods each week. Fee $3.50. First semester, 4 credits. (Offered in alternate years. (Not given in 1931-1932.)

300 Botanical Research  
St. John, Bean, or Allen

Open to graduate students who show sufficient preparation and ability to carry on studies of an investigational nature. Fee $1.00 per credit hour. Hours and credits to be arranged.

301 Physiological Seminar  
Sideris

A thorough discussion of the latest advances in general and in plant physiology. The topics will include: physiochemical properties of protoplasm; water relations of plants; mineral nutrition; metabolism; and photosynthesis. Prerequisites: Botany 256 and Chemistry 211. One and one-half hour discussion per week. First and second semesters, 1 credit each.

CHEMISTRY

Undergraduate students majoring in chemistry are required to take the following courses: 101 or 102, 105, 106, 150, 161, 211, 212, 230, 216 or 217; and may elect any other chemistry courses. At least one year of college physics and mathematics is strongly advised.

101 General Chemistry  
Wrenshall and Fujimoto

An elementary course in general chemistry, for students without previous training in the subject, designed to serve either as a foundation for advanced courses in chemistry, or as a brief survey for those
who do not intend to take further work in the science. Students who receive entrance credit in chemistry will not be given University credit in this course. Three hours classroom and one period laboratory a week. Texts: "General Chemistry," by Deming, and accompanying laboratory manual. Fee $5.00 per semester; breakage deposit, $3.00 per semester. First and second semesters, 4 credits each.

102 Advanced Inorganic Chemistry Bilger and Fujimoto

Designed to qualify students who have had chemistry in preparatory schools for advanced work in chemistry, or to serve as a comprehensive survey of the science. Fundamental theories and laws of chemistry are emphasized. Experimental lectures, recitations, and laboratory work. Texts: "General Chemistry," by Deming; "Exercises in General Chemistry," by Deming and Arenson. This course may not be taken for credit by students who have received credit for Chemistry 101. Prerequisite: a previous course in elementary chemistry. Three hours classroom and one laboratory period a week. Fee $5.00 per semester; breakage deposit $3.00 per semester. First and second semesters, 4 credits each.

105 Organic Chemistry Wrenshall

The first semester is restricted to a brief survey of both the aliphatic and aromatic series, to accommodate students in courses requiring only one semester of organic chemistry; special emphasis and detailed consideration, however, being given to the chemistry of carbohydrates, fats, and proteins. The second semester is devoted to a detailed study of the various classes of aliphatic and aromatic compounds, their chemical properties and the synthetic methods whereby they are prepared. For those who specialize in chemistry and sugar technology, chemistry division, this must be accompanied by the laboratory course. Text: J. F. Norris' "Organic Chemistry." Prerequisite: Chemistry 101 or 102. Three hours classroom a week. First and second semesters, 3 credits each.

106 Organic Chemistry Laboratory Wrenshall

To be taken in conjunction with Chemistry 105. A study of the preparation, separation and analysis of a number of organic compounds. One period laboratory a week. Text: "Experimental Organic Chemistry," by J. F. Norris. Fee $6.00 per semester; breakage deposit $5.00 per semester. First and second semesters, 1 credit each.

150 Qualitative Analysis Bilger

A course in systematic qualitative analysis covering the characteristic reactions, detection, and separation of the common basic and acidic ions. Methods for the solution and analysis of solid unknowns are included. In the lecture periods the fundamental principles of theoretical chemistry and reactions involved in the analysis are studied. Text: "Qualitative Chemical Analysis," by A. A. Noyes. Prerequisite: Chemistry 101 or 102. Two lectures and two periods of laboratory a week. Fee $5.00; breakage deposit $5.00. First semester, 4 credits.
151 Quantitative Analysis

An abridged course of quantitative analysis primarily for Agricultural and Household Science students. Text: "Quantitative Analysis," by Popoff. Prerequisite: Chemistry 150. One hour classroom and two periods of laboratory a week. Fee $5.00. Breakage deposit $5.00. Second semester, 3 credits.

161* Colloidal Chemistry

An introduction to the chemistry of colloids. Assigned readings and written reports are required. Open to students who have completed Chemistry 150. Text: "Laboratory Manual of Colloid Chemistry," by Holmes. One class period and one laboratory period a week. Fee $3.00. Breakage deposit $3.00. Second semester, 2 credits.

211 Physical Chemistry

An introductory course in theoretical chemistry, including the study of pressure-volume relations of gases, theories of solution, homogeneous chemical equilibrium, phase rule, colloids, thermochemistry, electrochemistry, and the modern theories of the constitution of matter. It is required that this course be taken concurrently with Chemistry 212 and 214. Text: "Physical Chemistry for Colleges," by Millard. Prerequisites: Chemistry 150 and 230. Two hours classroom a week. First and second semesters, 2 credits each.

212 Physical Chemistry Laboratory

A series of laboratory exercises in the practice of physical chemical methods. Open to students who have completed or are taking Chemistry 211. Text: "Experimental Physical Chemistry," by Daniels, Mathews and Williams. Prerequisites: Chemistry 150 and 230. This course must accompany Chemistry 211 and 214. One laboratory period a week. Fee $3.00 per semester; breakage deposit $5.00 per semester. First and second semesters, 1 credit each.

213 Advanced Physical Chemistry Laboratory

A continuation of Chemistry 212. Open only to students who have completed Chemistry 212. Permission to take Chemistry 213 must be obtained from the instructor before registration. Fee $3.00 per semester; breakage deposit $5.00 per semester. First and second semesters, 1 credit each.

214 Problems in Physical Chemistry

A course dealing with the solution of physico-chemical problems. It is required that this course be taken concurrently with Chemistry 211. One hour classroom a week. First and second semesters, 1 credit each.

215 Chemical Literature

A library course in which articles appearing in current chemical periodicals are studied, and topics are assigned for reports. Prerequisites: Chemistry 101 or 102, 105, 150 and 230. To be taken in conjunction with Chemistry 216. One hour classroom a week. First and second semesters, 1 credit each.
216 Advanced Quantitative Analysis
Primarily a laboratory course covering the analyses of such materials as foodstuffs, fertilizers, soils, sugar-house products, water, urine, etc. Prerequisites: Chemistry 101 or 102, 105, 150 and 230.

217 Advanced Organic Chemistry
Chiefly laboratory work with collateral reading in various reference books and chemical journals. Occasional class discussions and frequent conferences largely replace the usual lectures and quizzes. A limited number of compounds of physiological or pharmacological interest are prepared by methods selected to illustrate general organic reactions, more difficult to perform than those given in Chemistry 106, such as the preparation of salicyl aldehyde by Reimer’s reaction, and Skraup’s synthesis of quinoline. Representative substances prepared will be completely analyzed. Prerequisite: Chemistry 105, 106 and 230 (the last may be taken parallel). Fee $2.00 per credit; breakage deposit $5.00 per semester. First and second semesters, hours and credits to be arranged. (Offered in alternate years. Given in 1931-1932.)

230 Quantitative Analysis
The principles of gravimetric and volumetric analysis, including laboratory practice in calibration of glassware, determination of the constants of the balance, and the analysis of pure substances and commercial products. Text: "Quantitative Analysis," by Popoff. Prerequisites: Chemistry 102, or 101 and 150. One hour classroom and two periods laboratory a week. Fee $5.00 per semester; breakage deposit $5.00 per semester. First and second semesters, 3 credits each.

260* Biological Chemistry
A course consisting of lectures, recitations, supplementary reading, and laboratory periods dealing with the chemistry of food constituents, plant and animal life and nutrition. Prerequisites: Chemistry 101 or 102, 150, 151, and first semester of 105. Two hours classroom and one laboratory period a week. Fee $3.00; breakage deposit $3.00. First semester, 3 credits.

261* Agricultural Chemistry
A course consisting of recitations, supplementary reading and laboratory periods dealing with the chemistry of soils, fertilizers, and foods. Prerequisites: Chemistry 260 and its prerequisites. Two hours classroom and two laboratory periods a week. Fee $3.00; breakage deposit $5.00. Second semester, 4 credits.

263 Food Analysis
A course dealing with the chemistry of foods; food laws, food preservation, and methods of food analysis. Primarily for Junior and Senior students in Household Science. One lecture or recitation period and two laboratory periods per week. Prerequisites: Chemistry 260 and its prerequisites. Fee $3.00; breakage deposit $5.00. Second semester, 3 credits.
318 Chemistry Research  Dillingham, Wrenshall, E. M. and L. N. Bilger

The conducting of a research problem and preparation of a related thesis in pure or applied chemistry. Elective course primarily for Senior and Graduate students. Hours, credits and fees to be arranged. Fees and breakage deposits not less than $5.00 each per semester. Prerequisites: Chemistry 101 or 102, 105, 106, 150, 161, 230 or their equivalents. Prerequisite or parallel: Chemistry 211, 212, 216 or 217.

CIVIL ENGINEERING
(See Engineering)

ECONOMICS AND BUSINESS

Economics

123 Economic History  Cameron

An historical survey of economic institutions from primitive times until the present. Population trends, agricultural changes, labor and manufacturing systems, evolution of capital and business organization, origin and growth of transportation facilities, development of money and banking are some of the topics discussed. Causes and effects of institutional changes and their relation to human welfare are stressed. Fee, $1.50. First and second semesters, 3 credits each. (Not offered, 1931-1932.)

150-151 The Principles of Economics  Cameron

The principles that underlie consumption, production, exchange and distribution. A brief analysis of some recent economic problems such as the control of trusts, the regulation of railways and public utilities, monetary and banking reform, etc. Prerequisite: Sophomore standing. First and second semesters, 3 credits each.

252 Introduction to Economics  Cameron

A brief survey of economic principles and problems of special interest to students in Agriculture, Civil Engineering and Sugar Technology. Not open to majors in other departments except by consent of the instructor. Credit cannot be received for both this course and course 150-151. Second semester, 3 credits.

260 Money and Banking  Cameron

Principles governing the functioning of money, laws controlling its value, monetary history and present monetary system of the United States followed by an analysis of the principles underlying sound banking and a detailed study of the banking system of the United States. Prerequisite: Economics 150-151 or Economics 252. First semester, 3 credits.

261 Public Finance  Bennett

262-263 Practical Banking Cameron

Actual work in the Bank of Hawaii and Bishop First National Bank two afternoons each week from one o'clock until the books are balanced, accompanied by supplementary readings in bank organization and management. Open only to students who have credits in or are registered in Economics 260 and are recommended by the group advisor and accepted by the bank interested. First and second semesters, 2 credits each.

270 Public Utilities Cameron

The economic nature and history of public utilities, including railroads, followed by a critical study of some of the more important problems involved in their control by the state. Prerequisite: Economics 150-151 or Economics 252. Fee $1.50. Second semester, 3 credits.

273 Water Transportation Cameron

A study of transportation agencies by water in both domestic and foreign trade. The evolution, services and organization of these carriers, their relation to other types of carriers, problems of competition and monopoly, the history and effects of subsidies and indirect forms of government aid are some of the more important topics discussed. Special attention is given to Pacific basin carriers. Prerequisite: Economics 150-151 or Economics 252. Second semester, 3 credits. (Not offered, 1931-1932.)

276 Trusts and Industrial Combinations Cameron

The history of industrial combinations, the economics of concentration and the evils of combination from the standpoint of both investor and public. Attempts at regulation by state and federal authority and plans for safeguarding the public interest. Prerequisite: Economics 150-151 or Economics 252. First semester, 3 credits. (Not offered, 1931-1932.)

281 Labor Problems Bennett

An analysis of the labor problem from the standpoints of capital, labor and public. Phases of the subject emphasized are origin and sources of wage-earners, unemployment, wages, unionism, collective bargaining, strikes and boycotts, cooperation, socialism and labor legislation. Prerequisite: Economics 150-151 or Economics 252. First semester, 3 credits.

285 Theory and Control of Foreign Trade Bennett

The theory of international trade historically considered, followed by a detailed study of its control by governments through tariffs, commercial treaties, the consular service, etc. Prerequisites: Economics 150-151 or Economics 252. First semester, 3 credits.

300 Seminar in Economics Cameron and Bennett

Directed reading or research work in selected fields. A thesis is required. Open only to graduates and seniors who have displayed the ability to carry on independent work. First and second semesters. Credits given depend on the work done but in no case can a student receive more than three credits a semester.
Business

149 Outline of Accounting Graham
A brief survey of accounting. Emphasis is placed on the reading and interpretation of financial statements. First semester, 3 credits.

150-151 Elementary Accounting Graham
A study of the fundamental principles of accounting supplemented by practice in the solution of problems. The proprietorship equation, principles of debit and credit and their application to the balance sheet and the profit and loss statement, controlling accounts and the use of the simple columnar journals. Prerequisite: Sophomore standing. Open only to Commerce majors; to others only by permission of instructor. First and second semesters, 3 credits each.

250-251 Intermediate Accounting Graham
The principles and practices of accounting in relation to the corporation. Accounting for capital stock, bonds, sinking funds, theory and practice of depreciation, capital and revenue expenditures and special reserves. Preparation of the balance sheet and profit and loss statement for managerial use. Prerequisite: A grade of at least 70 in Business 151, Economics 150-151. First and second semesters, 3 credits each.

252-253 Advanced Accounting Graham
A study of topics not covered in Business 150-151 and 250-251, such as the consolidated balance sheet and income statement, budgetary control. Particular emphasis will be placed on the relation of accounting to management. Prerequisite: A grade of at least 70 in Business 251. First and second semesters, 3 credits each. (Not offered 1931-1932.)

259 Office Management Graham
Office organization and management. Particular emphasis is placed on layout, equipment, record keeping, qualifications of manager and personnel, promotion of efficiency and the function of the office in a business unit. Prerequisite: Business 150-151. Second semester, 2 credits. (Not offered, 1931-1932.)

260-261 Business Law Steadman
This course deals in a general way with the following subjects: Contracts, agency and sales, negotiable instruments, the legal aspects of credits and collections and the law of competition. Prerequisite: Junior standing. First and second semesters, 2 credits each.

264 Business Organization and Management Cameron
General principles underlying the organization and management of businesses. Some of the topics discussed are, selection of goods, principles of location and size, problems of expansion, legal forms of organization, customer and public relations, capital and labor policies, etc. Prerequisite: Economics 150-151 or Economics 252. First semester, 3 credits.
Courses of Instruction

265 Corporation Finance
Graham

Problem of the financial administration of corporations. The background of financial administration, determination of capital requirements, sources and devices for securing capital, marketing securities, control of capital disbursements, control of credit, control of income, organization for financial administration. Prerequisites: Economics 150-151 or Economics 252, and Business 150-151. Second semester, 3 credits.

266 Investments and Investment Banking
Graham

A general survey of investments and investment banking stressing the economic theory of investment, tests of investment, personnel of investors, investment credit analysis, mathematics of investment, general principles underlying investing, tools of investment, types of investment institutions and their functioning in the process of investment. Prerequisites: Economics 150-151 or Economics 252 and Business 150-151. First semester, 3 credits. (Not offered, 1931-1932.)

270-271 Marketing
Bennett

A survey of the marketing structure of modern industrial society. Fundamental functions performed in the marketing process and the channels through which these functions are executed. Problems of the manufacturer, wholesaler and retailer. Market analysis and research. Marketing policies. Prerequisites: Economics 150-151 or Economics 252 and Business 150-151. First and second semesters, 3 credits each.

272 Sales Management
Bennett

An analysis of the essentials of a good sales organization. The sales manager and his relation to factory, product and market, price making and price protection, selection of salesmen, training, equipment and compensation of salesmen, sales conventions and conferences, sales competition and sales budgeting are some of the topics emphasized. Prerequisites: Economics 150-151 or Economics 252 and Business 150-151 and 270-271. First semester, 2 credits. (Not offered, 1931-1932.)

273 Advertising
Bennett

An economic and psychological analysis of advertising followed by a study of the technique employed, such as copy, layout, slogans, trade-marks, campaigns, etc. Prerequisite: Economics 150-151 or Economics 252 and Business 270-271. Second semester, 3 credits.

275 Technique of Foreign Trade
Bennett

A study of the goods entering into foreign trade accompanied by an analysis of the more important foreign markets, channels of distribution in foreign countries, export organizations and export selling methods and policies. Pacific basin trade emphasized. Problem method used. Prerequisites: Economics 150-151 or Economics 252 and Business 270-271. Second semester, 3 credits.

276 Retail Merchandising
Bennett

Retail store management and selling methods. Topics stressed are personnel problems, employee turnover, wages and training of sales-
people, store location, merchandise classification and control, layout and management of displays, stock turnover, determination of the most profitable lines, of costs of distribution, price policies, credit and financial policies, returned goods, delivery and general administrative problems. Prerequisites: Economics 150-151 and Business 150-151 and Business 270-271. First semester, 3 credits.

280 Personal Salesmanship Bennett

A study of sales tactics and methods. Buying motives, prospecting, equipment, sales canvass, securing the interview, approach, demonstration, objections, closing and types of customers are some of the subjects emphasized. Consideration is also given to the more important problems of particular kinds of personal selling as insurance, real estate, etc. Prerequisite: Economics 150-151 or Economics 252 and Business 270-271. First semester, 2 credits. (Not offered, 1931-1932.)

282-283 Practical Salesmanship Bennett

Actual selling covering the fields of house-to-house, commodity and specialty selling. This course offers students an opportunity to apply under supervision the principles presented in Business 280. Open only to students who have taken or are taking Business 150-151 and Business 280. First and second semesters, 2 credits each.

291 Statistics Bennett

Statistical indices of business conditions, averages and means of their determination, graphic presentation, elimination of seasonal variation and secular trend, moving averages, dispersion, skewness, correlation, etc. Prerequisite: Junior standing and permission of the instructor. Second semester, 3 credits.

300 Seminar in Business Cameron, Graham and Bennett

Directed reading or research work in selected fields. A thesis is required. Open only to graduates and seniors who have displayed the ability to carry on independent work. First and second semesters. Credits given depend on the work done but in no case can a student receive more than three credits a semester.

EDUCATION

151* Introduction to Education Kelly

This course is intended for beginning students in Education and others who may be interested in the field even though they are not looking forward to the teaching profession. The aim is to give the student a survey of the broad field of Education. Treatment is given to such topics as teaching as a profession, public school organization, the curriculum, the historical background of American education, scientific principles of child training, etc. Not open to first year students. Second semester, 3 credits.

251 Principles of Secondary Education Kelly

This course deals with the principles fundamental to the organization, administration, curricula, and subject matter of the secondary
school. The nature of the adolescent; the objectives of secondary education; junior and senior high school organization and relations; values of the various secondary school subjects; and adapting secondary instruction to individual differences are some of the major topics considered. Prerequisite: Psychology 250. Second semester, 3 credits.

252 Principles of Teaching in Secondary Schools Livesay

A treatment of the application of psychological principles to classroom procedure. The course covers such topics as diagnosis of pupils, motivation, lesson planning, discipline, socialized recitation, project teaching, and supervised study. Systematic visits to secondary schools may be required as part of the course. Limited to seniors and graduate students in the School of Education. First semester, 3 credits.

252a Teachers’ Course in Home Economics Bazore

A course for prospective teachers of Home Economics as well as for teachers in service. The course will include such topics as the aims in teaching home economics, problems in the various phases of subject matter, methods of presentation, planning a course of study to fit the needs of the girl, aids in teaching, and laboratory equipment and text-books. Second semester, 2 credits.

252b Teachers’ Course in Mathematics Donaghho

An analysis of the mathematics of the secondary school courses with reference to the underlying principles and methods of teaching. Prerequisites: Elementary algebra and plane geometry. First and second semesters, 2 credits each.

252c Teachers’ Course in Physical Education Klum, Gay, Gill

A course for men and women who expect to handle physical education activities in secondary schools. The course covers the organization and administration of an entire sports program. Restricted to Juniors and Seniors and others with proper background, with registration contingent upon the consent of the instructor. Second semester, 2 credits.

252d Teachers’ Course in Oral Expression Lovejoy

A course designed to give prospective teachers of English an appreciation of the aims and functions of Oral Expression in the secondary school, and practice in the special techniques necessary to achieve these ends. Alternates with Education 252e. Open to juniors and seniors. First and second semesters, 2 credits each.

252e Teachers’ Course in Written Expression

A course designed to give prospective teachers of English an appreciation of the aims and functions of Written Expression in the secondary school, and practice in the special techniques necessary to achieve these ends. Alternates with Education 252d. Open to juniors and seniors. First and second semesters, 2 credits each.
252g  Teachers' Course in Art  Morris

A course in the organization and administration of Art Education. Class discussions of various theories, methods and systems of teaching art. The development of a constructive program of art education with practical application to the work in the Junior High School. Second semester, 2 credits.

253  Practice in Teaching in Secondary Schools  Spencer

Practice in teaching in the secondary schools in Honolulu. An arrangement exists between the School of Education and the Department of Public Instruction whereby qualified students may have opportunity to do practice teaching in Honolulu public secondary schools. Usually this involves the responsibility of a class or group for the remainder of the year. All students registered in this course will be required to attend a one-hour conference each week. Open only to Seniors or Graduate students. Either semester, 5 credits.

260  Statistical Methods  Kelly

This course covers in a practical way the statistical and graphic methods of value to the classroom teacher and school administrator. Tabulation, graphical representation, the calculation of measures of central tendency and dispersion, and the calculation and interpretation of zero order correlations. Open only to seniors and graduate students. First semester, 3 credits.

261  Educational Measurements  Kelly

A study of the common errors in teachers' marks and ways of improving such marks; the use of standard educational and mental tests in school work with practice in scoring such tests and in interpreting the results; and the criteria by which to judge tests. Open only to seniors and graduate students. Second semester, 3 credits.

271  Principles of Vocational Education  Armstrong

What vocational education is; the development of vocational education, with special reference to agriculture; organizations adapted to this type of work; organization for vocational education in Hawaii. Required of those preparing to teach vocational agriculture. Three lecture-recitations per week. Second semester, 3 credits.

272  Teaching Agricultural Related Subjects  Armstrong

Methods of correlating academic subjects of the junior high school and of the upper grades in grammar schools with vocational agriculture as taught in Hawaii. Special attention will be given to working out courses in English, arithmetic, geography, and other subjects. Three lecture-recitation periods per week. First semester, 3 credits.

273  Visual Education  Armstrong

The use of visual aids in teaching. Practice in making charts and lantern slides and in mounting specimens. The use of charts, lantern slides, motion pictures and other visual aids in teaching. Study of stereopticons and motion picture projectors. Two lecture-recitation periods and one laboratory period per week. Second semester, 3 credits.
Courses of Instruction

274 Methods of Teaching Vocational Agriculture Armstrong
Designed for those preparing to teach vocational agriculture in Hawaii. The course covers such topics as long time programs, annual plan of work, special methods of teaching vocational agriculture, agricultural projects, records, reports. Open only to seniors or graduate students. Three lecture-recitation periods per week. First semester, 3 credits.

275 Practice in Teaching Vocational Agriculture Armstrong
Practice teaching in a department of vocational agriculture. Designed for students who are fairly familiar with Hawaii's major crops. Second semester, 3 credits.

277 Practice Teaching and Field Practice Armstrong
Designed for those who are not acquainted with Hawaiian agriculture. Students will spend the entire semester on some plantation having a department of vocational agriculture where they will alternate between practice teaching and practical field work. Open only to seniors approved by the Professor of Agricultural Education. Second semester, 16 credits.

283 Girl Scout Training Course Smith
A course designed to interest and provide preliminary instruction to any student wishing information on leisure time program for girls. Parts of the tenderfoot, second-class, and first-class badge requirements will be presented as the Girl Scout troop leader presents them to a troop of girls in various stages of progress. Visits to Girl Scout troops and outdoor trips will be features of the course. Limited to junior and senior women. Second semester, 1 credit.

295 History of Education in the United States Livesay
A study of the evolution of American educational institutions from the colonial period to the present, with attention to the political, social, religious, and economic factors as they have influenced educational development. Limited to seniors and graduate students. Second semester, 3 credits.

Graduate Courses

300 Educational Research The Staff
An opportunity is offered for qualified graduate students to work on research problems in some field of Education. Registration allowed only after consultation with the staff member concerned. Either semester, 1 to 3 credits, depending upon the nature of the investigation.

350 History of Education Livesay
A survey of the development of educational thought and practice, from the time of the Greeks down to the present, with special attention to the origins of and influences responsible for the modern school systems. First semester, 3 credits.

360 Advanced Statistical Methods Kelly
This course is a continuation of 260, and deals with series of related measures. Special attention is given to the interpretation of
educational data by means of partial and multiple correlation and regression equations. First semester, 2 credits.

380 Seminar in Research and Thesis Writing  
Livesay  
This course is designed to assist graduate students in thesis preparation and will deal principally with research technique and thesis development. Registration only by permission of instructor. First semester, 2 credits.

385 Seminar in Philosophy of Education  
Livesay  
A critical examination of the outstanding educational theories in the light of their influence upon modern educational practices. Second semester, 2 credits.

ENGINEERING

Civil Engineering

C. E. 101 Surveying  
C. Andrews  
Plane surveying, supplemented by lectures and drafting-room exercises. The use of the chain, tape, transit and level, and practice in the manipulation of these instruments in the field. The drafting-room work includes practice in the computations that the surveyor is called upon to make, and plotting from original notes. Text: Breed and Hosmer's "Principles and Practice of Surveying," Vol. 1. Prerequisites: M. D. 101, Mathematics 104 or 150 and 151. Required of Freshmen in Civil Engineering and Sugar Technology, Sugar-house Engineering division; Sophomores in Sugar Technology, Agricultural division. Elective for Sophomores in Agriculture, General Science and Sugar Technology, Chemistry division. $2.00 per semester. Two field or drafting periods and one recitation. First and second semesters, 3 credits each.

C. E. 125 Roads and Pavements  
Webster and Keller  
Lectures, laboratory, practice in testing materials of road construction, and inspection of local types of pavements. The lecture work covers the construction and maintenance of various types of roads and city pavements, special reference being made to local types. Prior to inspection trips, the specifications under which the road to be visited was built are studied. In the laboratory the student becomes familiar with the type machines used in testing road materials and the methods of performing such tests. Text: Wiley's "Principles of Highway Engineering." Prerequisites: C. E. 101 and M. D. 101. Sophomores in Civil Engineering. $2.00 per semester. First and second semesters, 2 credits each.

C. E. 151 Graphical Statics  
C. Andrews  
Lectures and drafting. The determination of the stresses in framed structures by the graphical method, using the funicular polygon and the stress diagram. The stresses in roof and bridge trusses under vertical and inclined loads are obtained in the drafting room. Prerequisite: M. D. 101. Sophomores in Civil Engineering and Sugar Technology, Sugar-house Engineering division. Second semester, 2 credits.
C. E. 201 Surveying and Drawing  
C. Andrews  
Recitation and field and drafting work, covering the various methods of making and plotting topographical surveys, including the theory and use of the plane table, stadia, sextant, and solar attachment to the transit. Students are required to make and reduce observations illustrating the methods of base line measurement, triangulation, and precise leveling. Text: Breed and Hosmer's "Principles and Practice of Surveying," Vol. II, and Leland's "Practical Least Squares." Prerequisites: Mathematics 106 and C. E. 101. Juniors in Civil Engineering. $2.00 per semester. First and second semesters, 3 credits. (Alternates with C. E. 227. Offered in 1931-1932.)

C. E. 227 Surveying  
C. Andrews  
Railroad surveying, construction, and economics. Field work and recitations covering the methods of establishing grade lines, laying out circular and transition curves, the reconnaissance, preliminary and location surveys for a railroad; earthwork computation, maps, profiles; plans of structures and estimates. Texts: Willard's "Maintenance of Ways and Structures"; Searles & Ives' "Field Engineering." Prerequisites: C. E. 101, Mathematics 106. Seniors in Civil Engineering. $2.00 per semester. First and second semesters, 3 credits each. (Alternates with C.E.201. Not offered in 1931-1932.)

C. E. 229* Municipal Engineering  
Keller  
Lectures and recitations, including the general principles and methods of construction and cost; city water supply; waterworks, and fire protection; the method of sewage and garbage disposal; the hydraulics of sewers; the relation of rainfall to storm flow. Part of the course is devoted to municipal transportation problems now handled by the various public service commissions. Texts: Babbitt & Doland, "Water Supply Engineering"; Metcalf & Eddy, "Sewerage and Sewage Disposal, a Textbook"; Engineering Periodicals and U. S. Government Reports. Seniors in Civil Engineering. First and second semesters, 3 credits each.

C. E. 231* Soil Mechanics  
C. Andrews  
Lectures and discussions covering the field of recent scientific investigations relating to earthwork engineering, particularly dealing with the work of Terzaghi and other European and American investigators. The first part of the course deals with the physical factors involved in earth pressure phenomena, including a study of the physical properties of soils which are of practical importance in connection with engineering operations. The second part of the course is devoted to a study of the various soil phenomena which are known to occur in connection with earthwork operations and foundation work. Open to seniors in engineering and to qualified practicing engineers. First and second semesters, 2 credits each.

C. E. 252* Analytical and Applied Mechanics  
C. Andrews  
The fundamental principles of the various branches of applied mechanics, and the use of higher mathematics in the solution of problems relating to engineering work. Includes the study of analytical statics, composition and resolution of forces, application to rigid
bodies, centers of gravity, centers of mass, friction, work, flexible cords, funicular polygon, and the catenary, together with a large number of problems to illustrate special and general methods of solution. The analytical theory of kinetics is developed and special attention is given to the laws of motion, variable forces, constrained motion, central forces, impact, energy, dynamics of prime movers, moments of inertia, rotary motion, and the simple and compound pendulum. Text: Poorman's "Mechanics." Prerequisite: Mathematics 106. Juniors in Civil Engineering and Sugar Technology, Sugar-house Engineering division. First semester, 4 credits.

C. E. 253* Structural Mechanics C. Andrews

C. E. 255 Hydraulics Keller
Lectures and recitations covering the more important principles of hydraulics which govern and treat of fluids at rest, hydrostatic pressure, manometers, and Pitot tube, Venturi meter, strength of pipes, pressure of water against walls and dams, earth pressure, barometric leveling, flow of liquids through pipes and over weirs, fluid friction, loss of head, flow of water in open channels, Kutter's formula, impulse and resistance of fluids, the Pelton water wheel, overshot, breast and undershot wheels; turbines and reaction wheels, and the general practice of turbine testing. The laboratory practice includes the gauging and measurement of flow in channels and over weirs, tests of water motors of various types, tests of hydraulic rams, and pumping machinery of various kinds. Text: Schoder & Dawson's "Hydraulics." Prerequisite or parallel: C. E. 252 and 253. Juniors in Civil Engineering and Sugar Technology, Sugar-house Engineering division. Second semester, 3 credits.

C. E. 276 Structural Design Keller
Lectures and drafting exercises, in which the student computes the stresses and designs the members of a plate girder bridge and a steel building truss. Includes the making of complete detail drawings and specifications, done under close supervision and carefully checked. The important general points are covered by lectures, minor points being taken up with individual students during the progress of the work. Text: Hool & Kinne "Stresses in Framed Structures" and "Structural Members and Connections." Seniors in Civil Engineering. First semester, 3 credits.

C. E. 277 Bridge Design Keller
Lectures and drafting exercises following C. E. 276 and covering the complete design of a single track through bridge for a given
conventional loading, and including all computation, the making of complete engineer's drawings, and the specifications. Text: Hool & Kinne "Steel and Timber Structures." Seniors in Civil Engineering. Second semester, 3 credits.

C. E. 279 Concrete and Masonry Structures  
C. Andrews

The properties of stone, brick, and concrete, and their uses in engineering structures, such as foundations, retaining walls, piers, abutments, and dams; including the design of arches and dams in stone, and the design of reinforced concrete structures, such as beams, girders, columns, floor slabs, and highway bridges. Lectures and drawing-room work, supplemented by library reference. Text: Hool & Kinne, "Concrete and Masonry Structures." Prerequisites: C. E. 252 and 253. Seniors in Civil Engineering. Second semester, 3 credits.

C. E. 280 or 281 Water Analysis (may be taken either semester)  
Keller

A laboratory course which covers the standard methods of making physical, chemical, and bacteriological examinations of water and sewage. Text: American Public Health Standard "Methods. Prerequisite or parallel: C. E. 229. Elective for Seniors in Civil Engineering. Either semester, credits to be arranged.

C. E. 284-285 Hydraulic Laboratory  
Keller

A laboratory course in which emphasis is placed on the calibration of weirs and orifices. Various types of hydraulic tests, the calibration of nozzles, short tubes, and the study of loss of head in different kinds of pipes may be included. The type of testing varies and is governed by the opportunity afforded. Prerequisite or parallel: Hydraulics (C. E. 255). Elective for seniors in civil engineering. Either semester, credits to be arranged.

C. E. 286 Building Construction  
Keller

Lectures and discussions covering the details of general building construction, including dwellings, factories, and power plants. Part of the course is devoted to a study of the various types of dams and reservoir walls and the typical methods used in constructing them. Included in the work of the course is a series of sheets prepared by the students covering typical details for various types of building construction. Text: Huntington, "Building Construction." Seniors in Engineering. First semester, 3 credits.

C. E. 287* Arches  
C. Andrews

Design and investigation of the stability of masonry and reinforced concrete arches. Lectures and drafting exercises, covering the design of a typical masonry arch bridge, and the drawing of equilibrium polygons for various loadings. Prerequisite: C. E. 253. Elective for seniors in Civil Engineering. Second semester, 2 credits.

Mechanical Drawing (M. D.)

M. D. 101 Mechanical and Freehand Drawing  
Webster and Hoy

Elementary drafting, which includes freehand sketching, freehand lettering, use of instruments, conventional sections, isometric, oblique, and cabinet drawing, development of surfaces, drawing from models
(using parts of machines from the mechanical laboratory as models),
the making of shop drawings, tracing and blue-printing, in which
particular attention is given to lettering, general neatness, and accu-
of materials and instruments required is about $50.00. First and
second semesters, 2 credits each.

M. D. 133 Descriptive Geometry
Webster
Descriptive geometry, with special reference to its application to
practical work in the drafting office, embracing lectures and drafting-
room practice in which problems of a practical nature are worked out.
Prerequisites: M. D. 101 and Mathematics 104. Texts: "Descriptive
Geometry," Tracy & North. "Exercises in Descriptive Geometry,"
Kirby. Sophomores in Engineering and Sugar Technology, Sugar-
house Engineering division. First and second semesters, 2 credits
each.

Mechanical Engineering (M. E.)

M. E. 150 Office and Shop Methods
C. Andrews
Lectures familiarizing the students with the type and use of
machinery and tools used in pattern, forge, machine, and boiler shops;
also the writing of bills of materials and methods of estimating costs.
Sophomores in Civil Engineering and Sugar Technology, Sugar-
house Engineering division. First semester, 2 credits.

M. E. 252 Materials of Engineering
Keller
Lectures and recitations on the properties and requirements for
materials used in engineering construction, including wood, iron, steel
and concrete. Methods of manufacture as affecting quality of material,
standard tests employed to secure the proper grade of material, and
standard specifications. Prerequisites: Mathematics 106, M. D. 133.
Juniors in Civil Engineering. First semester, 3 credits.

M. E. 282 Steam Machinery
C. Andrews
The fundamental laws governing the transformation of heat into
work, embracing the properties of gases, laws of expansion, heat
measurement, the mechanical equivalent of heat, properties of steam,
construction and study of steam tables, and heat analysis as applied
to steam and internal combustion engines. The solution of a large
number of problems of a practical nature is required. Lectures and
recitations. Prerequisites: Mathematics 106, M. D. 133. Senior Civil
Engineers and Juniors in Sugar Technology, Sugar-house Engineering
division. First semester, 3 credits. (Not offered in 1931-32.)

M. E. 283 Contracts and Specifications
Keller
Lectures on contracts, touching upon points likely to be of value
to engineers, together with such principles of law as should be under-
stood by the engineer who is entrusted with the drawing of contracts,
followed by a detailed study of typical contracts and specifications
for engineering work of various kinds. Text: Simpson & Dillavon,
"Law for Engineers and Architects." Prerequisite: M. E. 282, or C. E.
229. Seniors in Civil Engineering. Second semester, 2 credits. (Not
offered in 1931-1932.)
M. E. 284 Engineering of Sugar Plants  G. H. W. Barnhart
Lectures and drafting-room exercises involving the application of
the fundamental principles of engineering practice to modern sugar
works, including grinding and evaporating machinery, boiler and
equipment plant, conveying machinery, industrial railways, arrangement
of buildings, layout of plant, and other general and special engineering
considerations affecting the making and refining of sugar. Prerequi­
site: M. E. 282. Seniors in Sugar Technology, Sugar-house Engineer­
ing division. First semester, 4 credits. (Not offered 1931-1932.)

Engineering Laboratory (X. E.)
X. E. 253 Materials Laboratory Keller
Laboratory practice in testing the materials of construction, in­
volving complete tests of specimens of wood, iron, steel, and concrete
in their various forms. Special attention is given to the preparation
and testing of specimens of concrete, both plain and reinforced, in
the form of cubes, columns, beams, and girders. The facilities avail­
able for such work are ample and the instruction given covers a large
number of practical tests, thus affording the student valuable means
of familiarizing himself with the behavior of such materials under
stress. Prerequisite: C. E. 252. Juniors in Civil Engineering and
Sugar Technology, Sugar-house Engineering division. Fee $5.00.
Second semester, 3 credits for students in Civil Engineering and 2
credits for students in Sugar-house Engineering division of Sugar
Technology.

ENGLISH

All candidates for admission to the University as regular students
and all special students desiring to elect English 100 or 102 are given a
placement test in English. All who fail to make a satisfactory grade
must register in English 50.

50 Elementary Composition Young
An elementary course in composition to be taken by all Freshmen
whose placement tests show insufficient preparation for English 100.
At the beginning of the second semester those who are deemed
qualified may register for English 100B; for others the course will
continue throughout the year. Three class meetings a week; 1 credit.
Students taking this course will be charged a fee of $10.00 a semester.

100 Composition Neil, Clark, Wilson, Lovejoy, Stewart, Young
The principles of exposition, description, and narration; analysis
of illustrative specimens; frequent written exercises, and individual
conferences with instructor; occasional exercises in oral composition;
collateral reading. Designed to lead not only to correctness of ex­
pression, but also to a knowledge of constructive principles. Either
this course or English 102 is required of all Freshmen. First and
second semesters, 3 credits each.

100B Composition Young
This course is essentially a repetition of the first semester of Eng­
lish 100, and is given for the convenience of those who complete
English 50 in one semester. Students satisfactorily completing English
100B will qualify for admission to English 120 and 130; but they will be expected to complete course 100 during the second semester of their Sophomore year. Second semester, 3 credits.

102 Composition

This course parallels English 100, but is open to election to a limited number, chosen on the basis of their school records and the scores made in the English placement test and the college aptitude examination. It will differ from English 100 in that less stress will be laid upon the mechanics of composition and more upon reading and creative writing. Membership in the second semester will be determined by the grade of work done in the first semester in either this course or in English 100. First and second semesters, 3 credits each.

120 Technical and Business English

The principles of technical exposition. Composition and analysis of technical reports, scientific papers, and professional letters. Weekly written exercises, and a long paper each semester. Frequent individual conferences with the instructor. May be taken in place of English 130 by Sophomores in the College of Applied Science. First and second semesters, 2 credits each.

130 English Literature

A survey of English literature from Beowulf to Wells, with special attention to the development of the ideas and ideals that have helped shape our present ways of life. In addition to the reading of some standard history of literature and collection of extracts, there will be a detailed study of at least six complete novels and plays. Required of all Sophomores in the College of Arts and Sciences, and may be elected by all other Sophomores in place of English 120. First and second semesters, 3 credits each.

140 Journalism

A study of practical journalism, with the first semester devoted to the writing of news stories, feature stories, and editorials, and the second semester to copyreading, proofreading, and headline writing. Laboratory work on Ka Leo. First and second semesters, 2 credits each.

150-151 Oral Reading

Reading aloud in class of modern poetic and dramatic selections, with special attention to correct pronunciation, proper use of the voice, and appreciative expression of the author's meaning. First and second semesters, 2 credits each.

160-161 Play Production

A practical course dealing with interpretation (including body control and diction), directing, make-up, scenery, costume design, lighting, properties, stage management, and business management. Designed to prepare for the production of school, club, or community plays in all their phases. The stage of the new auditorium will be available. First and second semesters, 3 credits each.
162-163 Modern Drama  
Wyman  
A critical reading of selected modern plays with special emphasis upon dramatic values. First and second semesters, 3 credits each.

164-165 Dramatic Interpretation  
Wyman  
A laboratory course in the interpretation of the drama, supplementing the courses in Play Production and Play Writing. Practice in oral expression and stage technique, followed by public presentations. The plays will be staged and produced by the class in Play Production, English 160-161, under the direction of the instructor. Special attention will be paid to plays written by the class in Play Writing (English 250). Open to all students that have had stage experience or show promise of development. Credits will depend on the amount of time given to the course; in general 54 hours of practice work will be given one credit hour. First and second semesters, $\frac{1}{2}$ to 2 credits each.

201 Business Correspondence and Commercial Journalism  
Peavey  
Designed specially for students in Economics and Business. A study of principles and practices observed in business correspondence; continued practice in the writing of business letters dealing with sales, credit, complaints, adjustments, collections, etc., and of other business forms. A study of the literature of advertising. Practice in writing campaign letters, advertising folders, and promotion articles for newspapers and periodicals. Reading in current magazines, especially "Printers' Ink" and "The Magazine of Business." Open only to Juniors and Seniors. First and second semesters, 2 credits each.

205 Public Speaking  
Beck  
Practice in the preparation and delivery of public speeches of the types most commonly used; group discussions, formal and informal addresses, sales talks, after dinner speeches and orations. Class sessions are conducted according to parliamentary law and extemporaneous speaking is stressed. Prerequisite: English 100. First and second semesters, 3 credits each.

206 Persuasion, Argumentation, and Debate  
Beck  
Influencing the opinions and actions of others by logical thinking and persuasive argument. First semester, a study of the logical basis of argument and brief drawing. Second semester, persuasive elements in debate and in editorial writing. Class discussions and debates. Open to Juniors and Seniors. First and second semesters, 2 credits each.

207 The Novel  
Neil  
The novel in England from Defoe to Hardy. Prerequisite: English 130 or equivalent. First and second semesters, 3 credits each.

208 English Prose and Poetry, 1830-1890  
Neil  
The first semester will deal with certain representative prose writers with special emphasis upon Carlyle, Arnold, Ruskin, and Newman. During the second semester a study will be made of the more considerable poets of the period with special emphasis upon Tennyson and Browning. Prerequisite: English 130 or equivalent. First and second semesters, 3 credits each.
210 Directed Reading
Schwartz
Weekly reading, with informal class reports and discussions, of some important books which are not read in connection with other courses. The grade in the course will be determined by the amount and nature of the reading, and the quality of the reports. Open only to a limited number having the consent of the instructor. First and second semesters, 2 credits each.

213 The Bible as Literature
Andrews
A study of the types of literature represented in the Bible, their development, and their content as influenced by historical and social conditions; together with the development of the Bible in English translations and their influence on English literature. Prerequisite: English 130 or equivalent. First and second semesters, 3 credits each.

214 World Literature
Sinclair
An outline course in world masterpieces in English translation. First semester: the major writings of Japan, China, India; second semester: the classics of Persia, Arabia, Greece, and Italy. Special attention to national psychology as revealed in national literature. Prerequisite: English 130 or equivalent. First and second semesters, 3 credits each.

240 American Literature
Andrews
The critical reading of representative poems, essays, and fiction in an endeavor to discover and appreciate the larger movements that have entered into American civilization. Prerequisite: English 130 or equivalent. First and second semesters, 3 credits each.

250 The One-Act Play
Andrews
A course in creative writing. The technique of the one-act play, analysis of selected plays, and the writing of original plays. It is planned that productions deemed worthy be presented by college players. Prerequisite: English 130 or equivalent. English 240 is recommended as a parallel course, and will be demanded as a prerequisite after 1931-1932. First semester, 3 credits.

251 The Short Story
Andrews
A course in creative writing, following English 250. The technique of the short story, analysis of selected stories, and the writing of short stories. Prerequisite: English 130 or equivalent. English 240 is recommended as a parallel course, and will be demanded as a prerequisite after 1931-1932. Second semester, 3 credits.

252-253 Shakespeare
Schwartz
Rapid reading of the principal plays in chronological sequence. Lectures on the social and theatrical background of the period to aid the student in an intelligent appreciation of the plays. Prerequisite: English 130 or equivalent. First and second semesters, 3 credits each.

254 Modern Poetry
Schwartz
A consideration of the most significant contemporary British and American writers of verse with special reference to recent trends of thought and belief. Prerequisite: English 130 or equivalent. First semester, 3 credits.
Courses of Instruction

255 The Modern Novel
Schwartz
The novel in England and America since Meredith and James. Prerequisite: English 130 or equivalent. Second semester, 3 credits.

262 Eighteenth Century
Schwartz
A survey of the principal English writings of the Eighteenth Century (excluding the novels, but including biography, memoirs, and letters) with emphasis upon the literary, social, and political theories of the times and their influence upon modern life. First semester, 3 credits.

263 English Poets of the Age of Romanticism
Schwartz
A study of the representative work of Wordsworth, Coleridge, Byron, Keats, and Shelly as typical of the romantic thought and social ideals of the early 19th century. Prerequisite: English 130 or equivalent. Second semester, 3 credits.

300 English Seminar
Andrews
Designed primarily for graduates, though properly qualified Seniors may be admitted. The intensive study of movements, periods or authors, either British or American. Weekly meetings for reports and discussions. First and second semesters, 2 credits each.

FRENCH

100* Elementary Course
McGee and Boucher-Biggs
Phonetics, dictation, conversation, reading and easy prose and poetry. Texts: Fraser and Squair's French Grammar; Talbot's "La France Nouvelle"; selected readings from Merimée, Halevy, Loti, and others; Fournon and Broussard's "Pour Parler Français." First and second semesters, 3 credits each.

101* Nineteenth Century French Novel
McGee and Boucher-Biggs
Reading of selected masterpieces of Hugo, Daudet, Balzac, Sand, and others. Conversation, essays, and lectures. Carnahan's "Short French Review Grammar." Prerequisite: One year of French in college or two years in preparatory school. First and second semesters, 3 credits each.

200* Contemporary French Literature
Pecker
(This course and all to follow are conducted entirely in French.) Critical study of the most modern movement in French prose, with especial attention to war literature. Texts for use in class are imported directly from Paris. Essays, lectures, and discussion on contemporary topics. Prerequisite: Two years of college French or equivalent. First and second semesters, 3 credits each.

201* Phonetics
Pecker
202* Advanced Conversation and Composition  
Pecker
A practical course in everyday current French. Reading of French newspapers and magazines with discussion of various aspects of contemporary French life. Compositions on assigned topics. Prerequisites: Three years of college French or equivalent. First and second semesters, 2 credits each.

250* Classic Drama  
Pecker
Masterpieces of Corneille, Racine and Molière. Lectures in French upon the literary history of the period. Additional outside reading and research will be assigned. Prerequisite: Three years of college French or equivalent. First semester, 2 credits.

251* Romantic School  
Pecker
Readings from Lamartine, de Musset, Hugo, etc. Lectures in French upon the significance and influence of the Romantic movement. Individual research and reports on assigned topics. Prerequisite: French 250. Second semester, 2 credits.

252* Modern French Drama  
Pecker
This course alternates with French 250. Selected plays of Brieux, Hervieu, Rostand, Masterlinck, Bernard, Becque, Bernstein, and others. Rapid reading with essays, lectures, and discussions. Individual research and reports. Prerequisite: Same as for French 250. First semester, 2 credits. (Not offered 1931-1932.)

253* Advanced French Seminar  
Pecker
This course alternates with French 251. Continuation of study as outlined for French 252, or similar work on any phase or period of French literature in which students may be interested. Prerequisite: French 252. Second semester, 2 credits. (Not offered 1931-1932.)

260-261 Modern French Literature  
Pecker
Individual research in modern French literature. Weekly oral and written reports. First and second semesters, 2 credits each.

GEOGRAPHY

150 Elements of Geography  
Coulter

151 Economic Geography  
Coulter
A study of the relationship of the production of the more important raw materials of industry to natural environment and the distribution of the products in international trade. Factors which have led to the concentration of manufacturing in certain regions, and world trade in manufactured goods, are also discussed. Prerequisite: Geography 150. Second semester, 3 credits.
200  Field Geography  Coulter
This course includes mapping of land utilization and the collection and presentation of other field data. Registration only on consent of instructor. Hours and credits to be arranged. (Given in 1930-31.)

252  Geography of North America  Coulter

253  Geography of the Pacific Basin  Coulter
This course is a survey of the major geographic regions of the Pacific Basin from the standpoint of the relationship between the principal economic activities and the natural environmental complex. Special attention is given to Japan and China. Prerequisite: Geography 150 or 151. Second semester, 3 credits.

300  Geography Seminar  Palmer and Coulter
Special work in geography may be arranged for students capable of advanced study. Registration only on consent of instructor. Hours and credits to be arranged.

GEOLOGY

252  Physical Geology  Palmer
The work of the atmosphere, streams, ground water, lakes and oceans, snow and ice, earthquakes and volcanoes. The nature of these agents and the results they accomplish. Text is Miller's Introduction to Physical Geology. Prerequisite: Either Chemistry 101, Chemistry 102, Botany 101, Zoology 150, or Physics 102. Two recitations and one laboratory period a week. Fee $1.00. First semester, 3 credits.

253  Historical Geology  Palmer
The history of the earth, of its continents and ocean basins, and of its plant and animal inhabitants. The text is Miller's Introduction to Historical Geology. Prerequisite: Geology 252 or 256. Two recitations and one laboratory period a week. Fee $1.00. Second semester, 3 credits.

255  Geology of Ground Water  Palmer
The origin, amount, distribution, circulation, recovery and quality of ground water. Special reference is made to Hawaiian ground water. Prerequisite: Geology 252 or 256. Two recitations a week. Fee $1.00. Second semester, 2 credits.

256  Geology for Engineers  Palmer
The work of the various geologic agencies, with especial reference to the structures they produce and the significance of these structures to engineers. Required of Juniors and Seniors in Civil Engineering. Three recitations a week. First semester, 3 credits. (Alternate years; not offered 1931-1932.)
261 Crystallography  
A series of lectures on Crystallography, including the geometrical laws of crystals, the crystal systems, and crystal drawing. One lecture a week. Admission only with permission of the instructor. Second semester, 1 credit.

300 Geology Seminar  
Special work in geology may be arranged for students capable of more advanced work. Registration only on consent of instructor. Hours and credits to be arranged.

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>100</td>
<td>Elementary German</td>
<td>Hörmann</td>
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<tr>
<td></td>
<td>A course for beginners in the German language. Grammar developed from easy reading material. Exercises in reading and translating German. Singing of German folk songs. Text: Mueller and Wenckebach, &quot;Glückauf&quot; (a First German Reader). Storm, &quot;Immenssee.&quot; First and second semesters, 3 credits each.</td>
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<tr>
<td>101</td>
<td>Intermediate German</td>
<td>Hörmann</td>
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<tr>
<td></td>
<td>Continuation of German grammar according to methods used in first year, with especial stress on sentence construction. A vocabulary for conversation is built up by discussing pictures. Reading: Practice of sight-reading in class. Each student must read one German book at home every six weeks and hand in a written English report. First and second semesters, 3 credits each.</td>
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<tr>
<td>102</td>
<td>Intermediate Scientific German</td>
<td>Hörmann</td>
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<td>The work of the first semester is similar to German 101, with the exception of reading matter, which is taken from scientific material. In the second semester each student is trained in written translation of scientific material in his chosen field of interest. German scientific journals are used for the purpose. Text: W. Scholz, &quot;German Science Reader.&quot; Prerequisite: German 100. First and second semesters, 3 credits each.</td>
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<tr>
<td>200</td>
<td>Advanced German</td>
<td>Hörmann</td>
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<tr>
<td></td>
<td>Rapid reading for comprehension. German classics: Lessing, &quot;Minna von Barnhelm&quot; and &quot;Nathan der Weise&quot;; Schiller, &quot;Wallenstein&quot; and &quot;Don Karlos&quot;; Goethe, &quot;Götz von Berlichingen&quot; and &quot;Egmont&quot;; Bürger, &quot;Balladen.&quot; Compositions. This course is conducted entirely in German. (Alternates with German 201; not offered 1931-1932.) First and second semesters, 3 credits each.</td>
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<tr>
<td>201</td>
<td>Advanced German</td>
<td>Hörmann</td>
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<tr>
<td></td>
<td>In this course contemporary German literature is read. Composition is similar to that in German 200. The course is conducted entirely in German. First and second semesters, 3 credits each. (Alternates with German 200; offered 1931-1932.)</td>
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</tr>
<tr>
<td>202</td>
<td>Advanced Scientific German</td>
<td>Hörmann</td>
</tr>
<tr>
<td></td>
<td>An advanced course in German scientific reading with especial stress on sentence construction characteristic of scientific writing.</td>
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</table>
Courses of Instruction

Sight-translation of scientific material is practiced in class. The home work is the same as that of the second semester of 102. This course prepares well for the reading requirements of an advanced degree. Prerequisite: Two years of college German or permission of the instructor. First and second semesters, 1 credit each.

HAWAIIAN

100  A First Course in the Hawaiian Language  Wise
Reading the Hawaiian-English New Testament. First and second semesters, 3 credits each.

101  Second Course in the Hawaiian Language  Wise
Reading the Hawaiian-English New Testament. First and second semesters, 3 credits each.

200  Advanced Course  Wise
Reading and translation of meles and Hawaiian songs. Composition, literal and figurative Hawaiian songs. First and second semesters, 3 credits each.

300  Hawaiian Literature and Arts  Wise
Study of Hawaiian meles; ancient traditions and customs and the arts and crafts of old Hawaii. Composition of meles and songs. Transposition of Hawaiian prose to mele. First and second semesters, 2 credits each.

HISTORY

(Introductory Courses. Open to all students.)

100*  General European History  Chase
Development of Europe, political and social, from the time of the Teutonic invasions to the present. Library fee, $1.00. First and second semesters, 3 credits each.

110*  English History  Chase
A survey of the political and social history of England from the earliest times to the present. Emphasis on events and institutions especially significant for the later history of English-speaking peoples. Library fee, $1.00. First and second semesters, 2 credits each.

124  History of Japan  Harada
A survey of Japanese history and civilization; political, social and intellectual development of the nation. Lectures and readings. First and second semesters, 2 credits each.

125  History of China  Lee
A general survey of Chinese history. Study of the geographical background, origin of the Chinese people, Chinese feudalism, the development of political and social institutions, the growth and expansion of the Chinese empire, China's relation with her neighbors; factors, events, and forces that have hindered and hastened the development of Chinese civilization and the making of a new nation. First and second semesters, 2 credits each.
140* History of the Americas  
Bailey  
A general survey of the history of North and South America from the discovery to the present time. The planting of European civilization in the western hemisphere; the growth of the colonies of the different nations; colonial systems; the international contest for the continents; the wars of independence in English and Latin America; the growth of the independent American republics; their relations with each other and with the rest of the world. The emphasis is on the development of the United States and its relation to the other countries of the western hemisphere. Library fee, $1.00. First and second semesters, 3 credits each.

(Intermediate Courses. Open to all students of junior standing.  
Specially qualified sophomores may be admitted by permission of instructor.)

220 Modern History of Japan  
Harada  
The modern evolution of Japan since 1868; social, economic and political changes and international relations during the contemporary period. Prerequisite: History 124 or permission of instructor. First semester, 2 credits.

241 History of Oriental Religions  
Harada  
Lectures on Confucianism, Buddhism, Shinto, Bushido and Christianity in the Far East, and modern religious and ethical movements in India, China and Japan. First and second semesters, 2 credits each.

243* Recent History of the United States  
Bailey  
A detailed consideration of the development of the United States from 1868 to the present. Emphasis on political readjustment, economic unrest, and problems attendant upon the emergence of the United States as a world power. Prerequisite: History 140 or permission of instructor. First and second semesters, 2 credits each.

244* Diplomatic History of the United States  
Bailey  
A survey of the foreign relations of the United States from 1778 to the present. A preliminary consideration of the machinery and methods by which diplomatic procedure is carried on. Emphasis on the origin and development of policies of particular importance at present. Prerequisite: History 140 or permission of instructor. First and second semesters, 3 credits each.

245* History of the West  
Bailey  
Territorial growth of the United States through colonial to modern times; the diplomacy and politics of expansion; the settlement and development of the West; the influence of expansion upon American thought and institutions. Prerequisite: History 140 or permission of instructor. First and second semesters, 2 credits each. (Not offered 1931-1932.)

247 The Pacific Region in Modern Times  
Kuykendall  
First contacts of East and West; explorers, traders, and missionaries; international rivalries; recent developments. First and second semesters, 2 credits each.
Courses of Instruction

253* History of Latin America Bailey
   The political, social, and economic development of the Latin republics of North and South America. Considerable attention is devoted to those countries in which the United States is most interested. A detailed consideration of such topics as the Monroe Doctrine, Pan-Americanism, etc. Prerequisite: History 140. Second semester, 3 credits. (Not offered 1931-1932.)

254* Ancient History Chase
   Greek history to the Roman conquest; Roman history of the sixth century A.D. Emphasis on early Mediterranean background; Greek and Roman colonial systems; the effect of imperialism on the institutions of Rome; and the cultural and institutional contributions of Greece and Rome to our modern civilization. First semester, 3 credits. (Not offered 1931-1932.)

256* Mediaeval Europe (400 to 1500) Chase
   A political and social history of Western Europe from the fifth to the sixteenth centuries. Prerequisite: History 100 or permission of instructor. First semester, 3 credits. (Not offered 1931-1932.)

257* Modern Europe (1500 to 1815) Chase
   A political and social history of Western Europe from the sixteenth to the nineteenth centuries. Prerequisite: History 100 or permission of instructor. Second semester, 3 credits. (Not offered 1931-1932.)

258* Europe, 1815-1878 Chase
   The political and social development of Europe from the Congress of Vienna to the Congress of Berlin. The growth of democracy, nationalism and socialism. Prerequisite: History 100 or permission of instructor. First semester, 3 credits.

259* Europe Since 1870 Chase
   Imperialism and colonial rivalries; pre-war diplomacy; post-war settlements. Prerequisite: History 100 or permission of instructor. Second semester, 3 credits. (Not offered 1931-1932.)

265 British Constitutional History Chase
   An explanation of the development, the underlying principles, and the operation of the British constitution. It is also the aim of the course to give a background for American constitutional history. Prerequisite: History 110 except for pre-legal students. Required of all pre-legal students. Second semester, 3 credits.

291 Chinese Civilization Lee
   A general survey of the origin and development of the institutions of China. Illustrated lectures, assigned readings, and discussions. Fee, $1.25. First semester, 2 credits.

(Seminar Courses)

310 Introductory Seminar in American History Bailey
   Introduction to historical method, including evaluation of sources, bibliography, note taking, etc. Training in the organization and presentation of historical dissertations. Open only by permission of the
instructor to qualified seniors, special students, and graduate students. Required of all candidates for the master's degree in history. The work of the second semester is optional. First and second semesters, 2 credits each.

320 Seminar in European History
Chase
Application of the historical method to an assigned problem in European history. Open only by permission of the instructor to qualified seniors, special students and graduate students. Work of the second semester is optional. First and second semesters, 2 credits each.

327 Seminar in Hawaiian History
Kuykendall
A seminar course open only by permission of the instructor to graduate students and special students. Each member of the class will be assigned a subject for investigation throughout the year and will be required to present a paper embodying the results of the investigation. The course must be taken for both semesters. First and second semesters, 2 credits each.

HOME ECONOMICS

General Courses

H.E. 250 Household Management
Bazore
A study of the practical arrangement, organization, equipment, and care of the house in relation to costs and their contribution to better family life. Special consideration to individual and family budgets. Open to Juniors and Seniors only. Two lectures, one 2½-hour laboratory period. First semester, 3 credits.

H.E. 252 Child Training
Erwin
A consideration of the importance of the pre-school years in the development of the individual and a study of a constructive program of training with special emphasis on the normal child in the home situation. Designed to give students a better understanding of the nature and needs of childhood. Planned especially for home economics students but open to all Juniors and Seniors. Prerequisite: Psychology 150. First semester, 2 credits.

H.E. 253 Child Care
This course is concerned with the physical care and indications of health in the infant and pre-school child. It aims to give the student a fundamental knowledge of the factors making for positive health, of common diseases, of physical defects and disturbances which should have medical attention; and of the relation of child health and hygiene to other trends making for better children. Planned especially for home economics students but open to all Juniors and Seniors. Second semester, 2 credits.

H.E. 295 Field Practice in Home Economics
Miller
After the Junior or Senior year properly qualified students, upon the recommendation of the home economics advisor and the assistant director of the agricultural extension service, may apply for summer work under the immediate direction of a county home demonstration agent. Hours and credits to be arranged.
Courses of Instruction

Household Art

H.A. 110 Garment Making
A fundamental course in hand and machine sewing; a study of the use of commercial patterns, scientific fitting, cutting, making and buying various types of garments. Lectures, discussions, and laboratory work required of students in Home Economics. Open to regular and special students. Fee $3.50 per semester. First and second semesters, 2 credits each.

H.A. 112 Textiles
A study of the development of the textile industry from primitive types to the present, considering their historic and economic importance. Method of manufacture of the various fibers, identification and grading of fabrics, physical testing for quality and adulteration. First and second semesters, 1 credit each.

H.A. 114 Dressmaking and Designing
The principles underlying the cutting and fitting of costumes of various sorts through the drafting and modification of foundation patterns. The application of the principles of costume design and textile selection in the construction of two costumes. Original work is required. Lectures, discussion and laboratory work. Prerequisite: H.A. 110 and 112; prerequisite or parallel: Art 150, 153. Fee $3.50 per semester. First and second semesters, 2 credits each.

H.A. 150-151* Costume Appreciation
Discussion and demonstration to develop appreciation of costume as a means of art expression. Costume is considered from the standpoint of abstract design, becomingness, suitability and expressiveness. Open to all students. Fee $1.50. First and second semesters, 1 credit each.

H.A. 252 Millinery
The construction and trimming of hats, beginning with the use of foundation materials; making of wire and willow frames; copying from models and pictures; original designs. Prerequisite: H.A. 114. Fee $5.00 per semester. First semester, 3 credits.

H.A. 253 Advanced Dressmaking
This course includes tailoring and other advanced problems. The student is to express her ability in choosing materials from her previous training in textiles, and her efficiency in design and dressmaking from her work in the previous design and dressmaking courses. Prerequisite: H.A. 114. Fee $3.50. Second semester, 3 credits.

Household Science

H.S. 102 Food Economics
The selection, preparation and experimental comparison of foods as related to composition, cost and season. Students are required to give some time to meal planning, serving and demonstrations. The cost and availability of foods with regard to economic conditions, produc-
tion, transportation and marketing will be considered. Prerequisite: Chemistry 101 or 102; H. S. 150 or its equivalent. Fee $5.00 per semester. One lecture, two 2½-hour laboratory periods. First and second semesters, 3 credits each.

H.S. 150 Elementary Food Preparation

A study of the classes of foodstuffs and fundamental processes of food preparation with emphasis on meal planning and serving. The production, manufacture and composition of the common foods are considered in lecture. Required of all students majoring in Home Economics who do not offer entrance credits in high school cookery approved by the Household Science Department. Open to all students, no prerequisites. One lecture, two 2½-hour laboratory periods. Fee $5.00. First semester, 3 credits.

H.S. 200 Nutrition

A study of the nutritive requirement of man; the function of food in the body; the nutritive value of foods and their place in the diet. Prerequisites: Chemistry 101, or 102; Chemistry 105. Prerequisite or parallel: Chemistry 260. Two lectures and one 2½-hour laboratory period. Fee $5.00 per semester. First and second semesters, 3 credits each.

H.S. 249-349 Research

Problems according to preparation. Investigation of nutritional problems; animal and human feeding experiments. For seniors and graduates. Fee $5.00 per semester. Hours and credits to be arranged.

H.S. 251 Food Investigation

Special problems relating to cost, preparation, and utilization of food. Studies may be of a general nature or with reference to Hawaiian conditions. Laboratory and conferences. Prerequisite: H.S. 102. Fee $5.00. Second semester, 3 credits.

H.S. 252-253 Field Practice in Household Science

During the senior or graduate year students who have completed H. S. 200, Advanced Nutrition, may take field practice in cooperation with any of the organizations listed below. Credits and hours to be arranged. First and second semesters.

1. The Social Service Bureau of Honolulu will give field practice in social nutrition work under the direction of its trained workers for seniors or graduates majoring in Household Science. H. S. 200 must be taken previously or parallel. Sociology satisfactory to the Social Service Bureau will also be required. The number of hours and credit will be arranged for each student.

2. The Queen's Hospital of Honolulu will also cooperate with the Household Science Department of the University, so that seniors or graduates may obtain field practice as dietitians in the hospital. Hours and credit will be arranged for each individual student.

3. The Castle Kindergarten of Honolulu offers field practice in the Nursery School. Child Training and Child Psychology courses satisfactory to the director of the Kindergarten must be taken prerequisite
Courses of Instruction

or parallel with the work there. For this course H. S. 271 may be offered in place of H. S. 200.

H.S. 271 Elementary Nutrition Bazore
A study of the principles of diet in relation to health and their application in the planning of meals for the family. Required of all Home Economics students not taking H. S. 200. Prerequisite: H. S. 150 or its equivalent approved by instructor. Two lectures, one 2½-hour laboratory period. Fee $5.00. Second semester, 3 credits.

H.S. 291 Practice Course in Home Management Bazore
Practical application of previous courses in Home Economics. Management and care of the home including planning, preparation of meals, budgeting the income, purchasing of supplies and keeping accurate account of household expenditures. Groups of four to six students live in the house for four to six weeks under supervision of an instructor. Prerequisite: Junior or Senior standing. Fee to be arranged each year. Conferences and laboratory period to be arranged. Second semester, credit to be arranged. (Not offered in 1931-1932.)

H.S. 350-351* Seminar in Nutrition Miller
The course includes a review of current literature of interest to students of nutrition. The major part of the work is the preparation of reports and reviews of articles on assigned topics, followed by group discussion. Prerequisite: Qualified preparation in nutrition and physiological chemistry. The permission of the instructor is required for admission to the course. One meeting of 1½ hours each week. First and second semesters, 1 credit each.

See pages 48, 49 for outline of courses in Home Economics. After the second year the student may choose a household art major or household science major. Education courses to satisfy the requirements for teaching may be taken as electives in the junior and senior years if desired.

MATHEMATICS

104* Engineering Mathematics Webster
(a) Analytic geometry, plane and solid. (b) Spherical trigonometry. (c) A short course in advanced algebra, including simultaneous quadratic equations, binomial theorem, theory of equations, infinite series, logarithms, compound interest and annuities, probability, determinants. (d) A short course in differentiation. Required of Freshmen in Engineering. Prerequisites: Elementary Algebra, Plane and Solid Geometry, Plane Trigonometry. First and second semesters, 5 credits each.

106* Calculus Donaghho
Differential and integral calculus. Required of Sophomores in Engineering. Prerequisite: Course 104. First and second semesters, 3 credits each.

149 Algebra and Plane Trigonometry Yap
A course in algebra including the quadratic equations, arithmetic and geometric series, binomial theorem, and logarithms. Plane trigo-
nometry. Analytic geometry. Prerequisite: One year of high school algebra, and one year of plane geometry. Five hours a week. First and second semesters, 3 credits each.

150* Plane Trigonometry
Hoy, Yap
Prerequisites: Algebra and Plane Geometry. First semester, 3 credits.

151* Algebra and Analytic Geometry
Hoy, Yap
Prerequisites: Algebra, Plane Geometry and Plane Trigonometry. Second semester, 3 credits.

152* Analysis
Donaghho
A brief course in analytic geometry, differentiation, integration, and applications, intended to meet the needs of students of natural science. Prerequisites: Algebra, Plane Geometry, Plane Trigonometry. First semester, 3 credits.

153* Analysis
Donaghho
Continuation of Course 152. Satisfactory completion of this course will be accepted for entrance into Math. 106. Second semester, 3 credits.

250* Astronomy
Donaghho
A brief course in practical astronomy, adapted to the needs of engineering students. Required of students in Engineering. Prerequisite: Course 104. First semester, 3 credits. Alternates with M. E. 282. (Offered in 1931-1932.)

252* Differential Equations
Hoy
Prerequisite: Course 106. First semester, not more than 3 credits.

253* Differential Equations
Hoy
Continuation of Course 252. Second semester, not more than 3 credits.

254 Vector Analysis
Donaghho
Alternates with Mathematics 250. Prerequisite: Mathematics 106. First semester, not more than 3 credits. (Not offered 1931-1932.)

255 Vector Analysis
Donaghho
Continuation of Mathematics 254. Second semester, not more than 3 credits. (Not offered 1931-1932.)

270-271 Fundamental Concepts of Mathematics
Yap
Teachers who wish to know more of the foundations of elementary mathematics will find this course useful. Some of the results of recent investigation, especially in their bearing on elementary mathematics, will be discussed. Other topics will include the logical foundations of algebra and geometry, the Euclidean constructions with the ruler and compass, leading to the non-Euclidean. Open also to Juniors and Seniors. Prerequisites: Algebra, Plane and Solid Geometry, Trigonometry. First and second semesters, 3 credits each. Alternates with Mathematics 274-275. (Offered in 1931-1932.)
Courses of Instruction

272-273 History of Mathematics
This course will include a general survey of the growth of elementary mathematics by chronological periods. Special attention will be given to racial achievements. Prerequisites: Algebra, Plane and Solid Geometry, Trigonometry. First and second semesters, 3 credits each.

274-275 Theory of Equations
Complex numbers, theorems on the roots of an equation, graphs, construction, Descartes' rule of signs, Horner's method, Newton's method, imaginary roots, symmetric functions, and determinants, are some of the topics discussed. An elective course for those majoring in mathematics. Satisfactory completion of this course will be accepted for admission to calculus. Alternates with Mathematics 270-271. (Not offered in 1931-1932.) Prerequisite: Mathematics 149, or 150-151. First and second semesters, 3 credits each.

MECHANICAL DRAWING
(See Engineering)

MECHANICAL ENGINEERING
(See Engineering)

MILITARY SCIENCE AND TACTICS
All male students who are citizens of the United States and physically fit are required to enroll during their first two years in the Reserve Officers' Training Corps, and to devote three periods a week of not less than one hour each to military science and training.

At the end of the basic course a student who so elects and who is selected by the President of the University and the Professor of Military Science and Tactics, and who signs a form of written agreement prescribed by the Secretary of War, may be enrolled for two more years of service in the Reserve Officers' Training Corps. Such students are required to devote five hours a week to an advanced course in military science and training throughout two years and the completion of this work becomes for them a prerequisite for graduation. They are required also to attend one summer camp of six weeks' duration. While enrolled in the Advanced Course, except the time at camp, they receive thirty cents a day, approximately $175.00; at camp, the ration itself is furnished and they are paid at the rate of seventy cents a day for the six weeks.

The Course of Instruction for the Infantry Unit, Senior Division, Reserve Officers' Training Corps

<table>
<thead>
<tr>
<th>Basis for calculation of time available</th>
<th>Basic Course</th>
<th>Advanced Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Minimum hours of instruction per week required by law</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>2. Estimated number of weeks per academic year</td>
<td>36</td>
<td>36</td>
</tr>
<tr>
<td>3. Estimated total available academic hours</td>
<td>96</td>
<td>160</td>
</tr>
<tr>
<td>4. Credits for each semester, 1st year</td>
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<td>3</td>
</tr>
<tr>
<td>Credits for each semester, 2nd year</td>
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<td>3</td>
</tr>
<tr>
<td>Credit for Advanced Course Camp</td>
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### SUBJECTS AND SCOPE

#### The First Year Basic Course

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Hours Allotted</th>
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<tbody>
<tr>
<td>Drill and command</td>
<td>65</td>
</tr>
<tr>
<td>Military courtesy and discipline</td>
<td>3</td>
</tr>
<tr>
<td>Military hygiene and first aid</td>
<td>5</td>
</tr>
<tr>
<td>Rifle marksmanship</td>
<td>15</td>
</tr>
<tr>
<td>Scouting and patrolling</td>
<td>6</td>
</tr>
<tr>
<td>National Defense Act</td>
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#### The Second Year Basic Course

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Hours Allotted</th>
</tr>
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<tbody>
<tr>
<td>Drill and command</td>
<td>50</td>
</tr>
<tr>
<td>Musketry</td>
<td>10</td>
</tr>
<tr>
<td>Automatic rifle</td>
<td>12</td>
</tr>
<tr>
<td>Scouting and patrolling</td>
<td>12</td>
</tr>
<tr>
<td>Combat principles</td>
<td>12</td>
</tr>
</tbody>
</table>

#### The First Year Advanced Course

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Hours Allotted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map reading and sketching</td>
<td>24</td>
</tr>
<tr>
<td>Drill and command</td>
<td>50</td>
</tr>
<tr>
<td>Machine guns</td>
<td>42</td>
</tr>
<tr>
<td>37 MM gun and 3-inch mortar</td>
<td>20</td>
</tr>
<tr>
<td>Combat principles</td>
<td>24</td>
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</table>

#### The Second Year Advanced Course

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Hours Allotted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Military law and O. R. C. regulations</td>
<td>15</td>
</tr>
<tr>
<td>Military history and policy</td>
<td>20</td>
</tr>
<tr>
<td>Administration</td>
<td>8</td>
</tr>
<tr>
<td>Field engineering</td>
<td>10</td>
</tr>
<tr>
<td>Drill and command</td>
<td>53</td>
</tr>
<tr>
<td>Combat principles</td>
<td>54</td>
</tr>
</tbody>
</table>

### MUSIC

**Music 100**  
Choral work for men and women. First and second semesters, 1 credit each.

**Music 101**  
Choral work for women only. First and second semesters, 1 credit each.

Courses in music taken in the Punahou School of Music may be credited towards graduation from the University of Hawaii, provided the courses taken are of a nature to justify the granting of credit. The courses that may be credited and the number of credits each will carry is determined by the University.

Students desiring credit for work done in the Punahou School of Music should file the necessary information with the Registrar of the University, and at the same time make a written request for credit stating fully the nature of the course and the amount of time the course will demand.
**Courses of Instruction**

**Band**

Male students, who are interested in music, may register and join the University Band. Attendance required: Full practice 3 hours weekly; individual instruction as necessary. Credits: Two (2) for those not members of the R. O. T. C.; one (1) for members of the R. O. T. C.

**ORIENTAL STUDIES**

**Chinese Language and Literature**

100 **First Year Chinese**


100b **Beginners' Course for Occidental Students**

Study of foundation characters. Pronunciation and construction of characters; simple conversation and translation. Text to be compiled by the instructor. First and second semesters, 3 credits each.

(Note: Since the methods and technique of teaching the Chinese language to Occidental students are necessarily different from those in presenting the subject to Oriental students, a separate division of Beginners' Chinese is offered for Occidental students.)

101 **Second Year Chinese**

Continues the study of 250 more foundation characters and idioms each semester. Reading, construction of characters and sentences, dictation, conversation, translation and composition. Text: Lee's "Every Day Chinese," Lessons 51-100. First and second semesters, 3 credits each.

200 **Third Year Chinese**


(Note: A separate section with emphasis on spoken Mandarin may be offered for those students from the Chinese language schools and other qualified students if the enrollment is sufficiently large.)

250 **Chinese Literature**

Study of some of the classical and modern masterpieces of poetry and prose. This course is especially prepared for those who have finished Chinese 200 and other qualified students. First semester, 2 credits.

251 **Chinese Literature in English**

Study of some of the classical and modern masterpieces of Chinese literature in English translation. Lectures on the development of Chinese literature and reading of original translations. This course is open only to those who have taken the first semester's work in any one of the following courses: Chinese 200, History 125, or 291, English 214. Second semester, 2 credits.
Japanese Language and Literature

100 Beginner's Japanese

Reading and translation of Japanese language readers, Katakana, Hiragana and simple Chinese characters. Dictation and composition. First and second semesters, 3 credits each.

100b Colloquial Japanese, First Year (For Occidental Students)

Pronunciation and conversation, using romanized spelling. The use of simple words and idiomatic phrases in everyday conversation. Reading and translation of romanized readers and magazines. First and second semesters, 3 credits each.

101 Intermediate Japanese

Reading and translation of Japanese language readers, more Chinese characters. Dictation, composition and letter writing. First and second semesters, 3 credits each.

101b Colloquial Japanese, Second Year (For Occidental Students)

Continuation of the First Year. Reading, translation and writing in Katakana, Hiragana and simple Chinese characters. Japanese language readers and magazines. First and second semesters, 3 credits each.

200 Advanced Japanese


240 Japanese Literature

An outline of the Japanese literature from the ancient to the contemporary period, in English language. Reading Aston's History of Japanese literature, with supplementary lectures and selections from English translations of Japanese classics. First and second semesters, 2 credits each.

251 Seminar in Contemporary Literature

Reading in Japanese of representative writers of today. First semester, 2 credits.

252 Seminar in Japanese Classics

Reading of the Japanese Classics, historical and literary; selections from the literature of 8th to 15th century in original. Open only to qualified students. Second semester, 2 credits.

Other Related Subjects

English

214 World Literature (p. 88).
Courses of Instruction

History
124 History of Japan (p. 93).
125 History of China (p. 93).
220 Modern History of Japan (p. 94).
241 History of Oriental Religions (p. 94).
291 Chinese Civilization (p. 95).

Political Science
200 Political Problems of the Pacific (p. 108).
262 Governments of the Far East (p. 109).
263 International Relations of the Far East (p. 109).

Sociology
291 Cultural Contacts in Hawaii (p. 111).
350-351 Some Aspects of Race Contacts in Hawaii (p. 112).

PHYSICAL EDUCATION
All men and women under 25 years of age, who are registered for ten or more semester hours of work, are required to take a minimum of one credit hour per week of physical education during the freshman and sophomore years. Attendance and the successful completion of this work is required for graduation. For Juniors and Seniors physical education is optional.

A medical and physical examination is given to every student at the beginning of the university year, and those who require it may be given special corrective work instead of the regular class work in physical education.

Courses of Study

100 Freshman Course (Men) Klum, Faus, Gill, Searle
Required of all first year men. One hour lecture and two hours of supervised exercise per week. First and second semesters, one credit each.

101 Freshman Course (Women) Faus, Gay
Required of all first year women. One hour lecture and two hours of supervised exercise per week. First and second semesters, one credit each.

102 Sophomore Course (Men) Klum, Gill, Searle
Required of all second year men. Three hours per week of supervised exercise. First and second semesters, one credit each.

103 Sophomore Course (Women) Gay
Required of all second year women. One hour lecture, two hours supervised exercise. First and second semesters, one credit each.

105 Swimming (Women) Gay
A. Beginners' section.
Freshmen and Sophomore women who are unable to swim, are required to register for this course in place of P.E. 101 or P.E. 103. Three hours per week. First and second semesters, one credit each.

B. Advanced section.
Open to all students. Three hours per week. First and second semesters, one credit each.
107 Natural Dancing

This course deals with the relationship of music and art to body movements. Open to all students.

A. Beginners' section.

This course includes the fundamentals and technique of the dance. Two periods a week. First and second semesters, one credit each.

B. Advanced class.

A continuation of the above with more attention being given to the dramatic element of the dance. Two periods a week. First and second semesters, one credit each.

200 Junior Course (Men) Klum, Gill, Searle

Optional to all third year men. Three hours supervised exercise. First and second semesters, one credit each.

201 Junior Course (Women) Gay

Optional to all third year women. Three hours supervised exercise. First and second semesters, one credit each.

202 Senior Course (Men) Klum, Gill, Searle

Optional to all fourth year men. Three hours of supervised exercise. First and second semesters, one credit each.

203 Senior Course (Women) Gay

Optional to all fourth year women. Three hours of supervised exercise. First and second semesters, one credit each.

150 Hygiene Faus

This course is planned primarily for students interested in physical education, teachers, and pre-medical students. It will cover elementary human anatomy and physiology and hygiene as related to preservation of health of the individual. It will include newer concepts of mental hygiene and habit training in children. First semester, 3 credits.

151 Public Health Faus

This course will cover means and methods used to preserve the Public Health, including Federal Public Health Service and Local Board of Health activities. There will be several lectures on nutrition as it applies to the underweight child of school age. Second semester, 3 credits.

260 Basketball, Track and Field Gill

For men who expect to coach basketball and track activities in secondary schools. Registration contingent upon the consent of the instructor. First semester, 2 credits.

261 Football Klum

A course in theory and practice of the fundamentals of football for prospective coaches. Details of each position, training, managing and the technique of developing offensive and defensive tactics. Registration contingent upon the consent of the instructor. Second semester, 2 credits.
Courses of Instruction

270 Women’s Athletics
Gay
This course deals with the coaching of team games such as basketball, volleyball and baseball and other sports such as archery, tennis, etc. Registration contingent upon the consent of the instructor. First semester, 2 credits.

PHYSICS

Students taking courses including laboratory work in the Department of Physics are charged, uniformly, fees of $3.00 per laboratory credit hour and breakage deposits of $2.00 per laboratory credit hour.

102 General Physics
Kirkpatrick and Miyake
Mechanics, sound, heat, light, electricity and magnetism, and modern atomic physics. Prerequisite: Mathematics 151. The student’s work is about equally divided between laboratory effort and text study. This is the course regularly taken by pre-medical students. First and second semesters, 4 credits each.

150 Mechanics and Properties of Matter
Eller
Parallel course Mathematics 106. Three lecture-recitation periods and one laboratory period weekly. This is a required course for Sophomore students in Engineering. First semester, 4 credits.

151 Heat and Light
Eller
Parallel course Mathematics 106. Three lecture-recitation periods and one laboratory period weekly. This is a required course for Sophomore students in Engineering. Second semester, 4 credits.

200 Advanced Electricity
Eller
Prerequisites: Physics 150 and 250. One lecture period and two laboratory periods during the first semester, and two lecture periods and one laboratory period during the second semester. This is a required course for Senior students in Engineering. The laboratory work comprises measurements of current, voltage, resistance, inductance, capacitance, and magnetic properties, and the testing of commercial electrical machinery. First and second semesters, 3 credits each.

250 Electricity and Magnetism
Eller
Prerequisites: Physics 150 and Mathematics 106. Two lecture-recitation periods and one laboratory period weekly. This is a required course for Junior students in Engineering. First semester, 3 credits.

253 Electrical Measurements
Eller
Prerequisites: Physics 250 and Mathematics 106. One lecture-recitation period and two laboratory periods weekly. This is a required course for Junior students in Engineering. The work is identical with that of the first semester of Physics 200, comprising study and measurement of the fundamental electric and magnetic quantities. Second semester, 3 credits.
255 Light
Prerequisite: Physics 102 or its equivalent. Lens systems, theory and applications of diffraction, spectrometry, interference, polarization. Two lectures and one laboratory period weekly. First semester, 3 credits.

257* X-Ray
The historical development of knowledge of x-rays, theoretical considerations, bearing of x-ray research upon problems of modern physics, modern x-ray technique. Two lecture-discussion meetings a week. Second semester, 2 credits. (Not offered 1931-1932.)

361 Physical Research
Students possessing requisite qualifications will be permitted to pursue original investigations, under the supervision of the department. Hours and credits by arrangement.

POLITICAL SCIENCE

150 American Institutions
George, Bachman
A rapid survey of territorial and national political institutions and problems. Special emphasis on the duties and privileges of citizenship. Library fee, $1.00. Required of all Freshmen in Arts and Science. First semester, 3 credits.

151 Governments of Europe
George, Bachman
A survey of the governmental organization and politics of the states of Europe. Library fee $1.00. Required of all Freshmen in Arts and Science. Second semester, 3 credits.

170* International Relations and Organization
Bachman
The conflicts of nationality, imperialism, international trade, and foreign policy; the development of international organization. First semester, 3 credits.

171 Problems of Democracy
Bachman
A study of the problems of the modern democratic state; electoral problems; the direct primary, political propaganda, etc. Second semester, 3 credits.

200 Political Problems of the Pacific
Bachman
A survey of the most important problems, both domestic and international, of the nations within the Pacific area. First semester, 3 credits. (Not offered 1931-1932.)

245 Current Problems in National Politics
George, Bachman
A study of recent developments in national politics. First and second semesters, 2 credits each.

252 Constitutional Government of the United States
Bachman
The constitutional basis of our presidential system, federal government, separation of power, checks and balances, and limited government. Required of all pre-legal students. Second semester, 3 credits. (Not offered 1931-1932.)
### Courses of Instruction

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor(s)</th>
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</thead>
<tbody>
<tr>
<td>254*</td>
<td>Municipal Government</td>
<td>Lum</td>
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<tr>
<td>255</td>
<td>Municipal Administration</td>
<td>Lum</td>
</tr>
<tr>
<td>256*</td>
<td>American Political Parties</td>
<td>Bailey</td>
</tr>
<tr>
<td>261*</td>
<td>International Law</td>
<td>Bachman</td>
</tr>
<tr>
<td>262*</td>
<td>Governments of the Far East</td>
<td>Lum</td>
</tr>
<tr>
<td>263*</td>
<td>International Relations of the Far East</td>
<td>Lum</td>
</tr>
<tr>
<td>271*</td>
<td>Territories and Dependencies of the United States</td>
<td>Bachman</td>
</tr>
<tr>
<td>330</td>
<td>Seminar in Political Science</td>
<td>George, Bachman</td>
</tr>
</tbody>
</table>

**PSYCHOLOGY**

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>150*</td>
<td>General Psychology</td>
<td>Kelly</td>
</tr>
<tr>
<td>250*</td>
<td>Educational Psychology</td>
<td>Kelly</td>
</tr>
</tbody>
</table>

An introductory course in psychology offering a survey of the various aspects of mental life. (Although it is not a prerequisite, beginning students in psychology will find Zoology 150 of great benefit). Not open to first year students. First semester, 3 credits.

This course deals with psychological principles underlying the educative processes, and includes such topics as native endowment, transfer of training, individual differences, sex differences, habit formation, the role of instincts in education, etc. Prerequisite: Psychology 150 or its equivalent. First semester, 3 credits.
252* Racial Psychology
Porteus
This course will deal primarily with comparisons of the educational, social, mental, and industrial status of the various racial groups in Hawaii. The subject matter of these lectures will be taken from investigations already completed or in progress which relate to the reality and nature of racial differences as influenced by heredity and environment.

Note: As the material will change from year to year students may, with the approval of the instructor, re-enroll in this course for credit. First semester, 2 credits.

300 Research in Psychology
The Staff
An opportunity is offered for graduate students, and others properly qualified, to carry on special investigations. Either semester, credit to be arranged. Registration allowed only after consultation with the staff member concerned.

310 Directed Reading in Psychology
Livesay
Open only to those qualified to do independent work and show results. Either semester, credit to be arranged. Roughly one point of credit is the equivalent of 54 hours of satisfactory work. Registration only with consent of instructor.

351 Advanced Educational Psychology
Kelly
The application of experimental evidence in the field of psychology to the major educational problems. Attention will be given to the bearings of recent psychological theories upon education. Second semester, 2 credits.

361 Mental Deficiency and Abnormality
Livesay
A consideration of the causes and principal types of deficiency and abnormality with suggestions for appropriate educational treatment. This course is designed to aid teachers and administrators in recognizing subnormal and neurotic children, and in making the proper educational adjustments. Second semester, 3 credits.

REligion
Courses in religion taken in the Hawaii School of Religion may be credited toward graduation from the University of Hawaii, provided the courses taken are of a nature to justify the granting of credit. The courses that may be credited are designated by the University.

Students desiring credit for work done in the Hawaii School of Religion should register the courses which they intend to take on their University registration cards, which shall be considered a written request for credit for such courses. Complete registration is made at the School of Religion building.

SocIology
150* Introduction to the Study of Sociology
Lind
An orientation course. Physical conditions, population, human nature, social contacts and social processes, social evolution and social problems. Not open to freshmen. First semester, 3 credits.
151 The Community  
Lind  
A background for the study of community problems. The factors which determine the location and growth of communities. Types of communities. The selection and movement of population elements. Dominance and subordination. The community pattern and social organization. Lectures, discussions and field study. Prerequisite: Sociology 150. Second semester, 3 credits.

160-161 Methods in Social Case Work  
Bergen  
The purpose of the course is to develop a technique in investigation, diagnosis and treatment of social work cases. Case studies will be made. Relevant laws will be examined. Readings. Open only to graduate students, to seniors who have had one year's work in sociology and who are doing work under the direction of some social agency, and to social workers. First and second semesters, 3 credits each.

260-261 Discussion as Social Process  
Killam  
Some principles and methods of social relationships. The first semester will deal primarily with the person-to-person phase of the problem such as relations between parent and child, men and women, the individual and his racial group. The second semester deals with the social group and gives attention to the development of technique in group discussion leadership. Readings, discussions, field work and reports. First and second semesters, 3 credits each.

264 Social Control  
Adams  
An examination of the nature of social institutions, their origins, growth and decline. Social control as exercised by institutions. Primary and secondary relations, formal and informal control. Institutions and personality traits. Personal and social disorganization. Lectures, special reports and class discussion. Prerequisite: A year of Sociology, one semester of which must be Sociology 150. First semester, 3 credits.

267 The Family  
Adams  
Primitive types of family organization. Evolution of family systems. A comparative study of the Oriental and Occidental family. Family systems and personality traits. Prerequisite: Sociology 150. Second semester, 3 credits.

291* Cultural Contacts in Hawaii  
Adams  

294-295 A General View of Social Work  
Bergen  
The principles underlying social work as revealed by social work practice. Lectures. The analysis of reports of social agencies. Read-
University of Hawaii

ings. Class discussions. Observation. Prerequisite: A year's work in Sociology. This prerequisite may be waived in the case of students of sufficient maturity and experience. First and second semesters, 3 credits each.

350-351 Some Aspects of Race Contacts in Hawaii Adams, Lind
A seminar course for students engaged in research. Lectures treating of concepts useful in research and presenting the results of research in Hawaii. Each member of the class presents a research project, secures the data relative to his problem, organizes such data and presents the results to the class for criticism and discussion. Admission to not more than eight seniors and graduates by special permission. Tuesday evening, 7:30-9:30. First and second semesters, 2 credits each.

SPANISH

100* Elementary Course McGee
Conversation and dictation. Both Castilian and Latin-American pronunciation taught. Texts: Coester's Spanish Grammar; Padre Isla's "Gil Blas de Santillana"; Dorado's "Espana Pintoresca"; Alarcon's "El Capitan Veneno"; Gutierrez' "El Trovador"; Crawford's Spanish Composition. First and second semesters, 3 credits each.

101* Contemporary Spanish Literature McGee
Works of Galdós, Valera, Pereda, Ibáñez, and others. Conversation and composition based on Waxman's "A Trip to South America." Commercial correspondence. First and second semesters, 3 credits each.

250* Spanish Classics Pecker
Works of Cervantes, Lope de Vega, Tirso de Molina, Calderón de la Barca, and others. The picaresque novel, "Lazarillo de Tormes." Lectures upon the history of Spanish literature. Composition, conversation, and review of grammar. Prerequisite: two years of college Spanish. First semester, 2 credits. (Not offered 1931-1932.)

251* Advanced Spanish Seminar Pecker
Rapid reading of modern Spanish novels, plays and current periodicals. Lectures and discussions. Individual research and reports on assigned topics. Seneca's "Spanish Conversation and Composition." Prerequisite: Spanish 250. Second semester, 2 credits. (Not offered 1931-1932.)

252* Modern Spanish Novel Pecker
Rapid reading course with advanced work in composition and conversation. Review of grammar. This course alternates with Spanish 250. Prerequisite: two years of college Spanish. First semester, 2 credits.

253* Modern Spanish Drama Pecker
Rapid reading of modern Spanish plays, with continued work in composition, diction and conversation. Cool's "Spanish Composition." This course alternates with Spanish 251. Prerequisite: Spanish 252. Second semester, 2 credits.
Courses of Instruction

SUGAR TECHNOLOGY

In addition to the courses outlined below there are other Sugar Technology courses listed in the Chemistry and Agriculture Departments.

201 Sugar Analysis Dillingham

Laboratory and lecture course intended to fit the student for the position of chemist in a sugar-house laboratory, or to give him a good working knowledge of chemistry as applied to the manufacture of raw and refined sugar. Among the topics taken up are the theory and construction of the polariscop and the refractometer, the calibration and testing of laboratory apparatus, general laboratory routine, and the fitting out of a sugar laboratory, the methods of sampling and of analysis of the various products met with in a cane sugar factory.

In order to take this course the student must have a working knowledge of general chemistry and laboratory manipulations. Prerequisites or parallel: Chemistry 101 or 102, 150 and 151. Required of Juniors in Sugar Technology. One lecture and two laboratory periods a week. Fee $5.00 per semester; breakage deposit, $3.00 per semester. First and second semesters, 3 credits each.

250 Sugar-House Calculations Dillingham

A lecture and recitation period in which instruction is given in sugar-house calculations, in working out problems involving the yield and losses ordinarily encountered in actual factory work, and in making out typical laboratory reports such as are required by plantations in the Hawaiian Islands. Prerequisite: S. T. 201 and 253. Seniors in Sugar Technology. First semester, 1 credit.

252 Sugar Manufacture McAllep

A series of lectures and recitations on the manufacture of sugar, taking up in detail a discussion of the various types of machinery and apparatus employed in the best modern factories and the principles involved in their use, embodying such topics as multiple milling, the effect of various types of roller grooving, pressure and maceration on extraction, clarification of juices, multiple effect evaporation, the economical use of steam, sugar boiling, crystallization in motion, and the curing, drying, and preparation of sugars for the market. Though this is primarily a course for cane sugar men, a brief description of the methods employed in beet sugar manufacture and refinery practice is also given, together with a discussion of the various processes for making white sugar direct from the cane. Required of Seniors in Sugar Technology. Prerequisites: S. T. 201 and 253. Three hours a week classroom. First semester, 3 credits.

253 Summer Practice Dillingham

During the summer vacation between the Junior and Senior years, students in Sugar Technology will be required to spend at least six weeks in practical field or mill work. Those taking field work become student assistants in the Experiment Station of the Hawaiian Sugar Planters' Association. Those taking factory work enter one
of the mills, where they are under the direction of the manager and work at various stations under regular factory conditions. Academic credit for this will be granted on the presentation of a satisfactory report in duplicate. Prerequisite: S. T. 201. 6 credits.

255 Field Practice  
Dillingham  
During the second semester of the Senior year in the Agricultural Division the student does his work in the capacity of a student assistant in the Experiment Station of the Hawaiian Sugar Planters' Association. He may serve a part or all of the time at the Waipio Substation, or he may be sent out as an assistant to the field men in charge of experimental work on the various plantations. A written report in duplicate must be submitted at the end of the semester. 16 credits. In order to be admitted to this course previous enrollment for at least one semester in the University of Hawaii is necessary.

257 Factory Practice  
Dillingham  
Seniors in the Sugar-house Engineering Division spend the second semester of Senior year as apprentices in the factory of one of the plantations. They are under the regular discipline of the factory and are given different stations in the mill, boiling-house and laboratory so that they may become familiar with the various pieces of equipment and their operation. A written report in duplicate covering the layout of the mill and its operation must be submitted at the close of the work. 16 credits. In order to be admitted to this course previous enrollment for at least one semester in the University of Hawaii is necessary.

N. B.—Seniors in the chemistry division of Sugar Technology may elect either Sugar Technology 255 or Sugar Technology 257, after consultation with their advisor.

SURVEY COURSES

100 The World We Live In  
Palmer  
This course is planned to survey a number of phases of science, and to give the student a broad view of the world we live in. Attention will be drawn not only to what is known about the world, but also to the processes by which our knowledge has developed. The subject matter will be drawn from the fields of anthropology, astronomy, botany, chemistry, climatology, engineering, geography, geology, paleontology, physics, and zoology. The course is planned primarily for Freshmen in (a) the Social Sciences, (b) the Language, Literature and Art, and (c) the Education groups of the College of Arts and Sciences. (Course fee, $1.00 per semester.) Two lectures and one discussion session per week. First and second semesters, 3 credits each.

251* History of Science  
St. John  
A survey of the discoveries in the physical and biological sciences and their development from ancient to modern times. Readings and reports. Prerequisites: Junior standing and two semesters of biological or physical science, one of which must include laboratory work. Library fee $2. Two lectures each week. Second semester, 2 credits.
ZOOLOGY

The courses in Zoology are intended to meet the needs of the general student, the prospective teacher, those preparing for the study of medicine, and the graduate student.

A biological laboratory at Waikiki provides an excellent opportunity for the pursuance of marine biological studies by the undergraduate or graduate student. Special investigators will be offered every possible facility for research.

100 Marine Ecology

A course in ecological studies of marine organisms in which the determination of some of the factors controlling their relations to environment will be attempted. Experimental work will be conducted both in the laboratory and on the reefs. Prerequisites: Zoology 150 and 151. Two laboratory periods a week with library reading and lectures. Fee $2.00 per semester. First and second semesters, 3 credits each.

102 Mammalian Anatomy

A laboratory course primarily for pre-medical students involving the careful dissection of a typical mammal. Prerequisites: Zoology 150 and 151. Two laboratory periods a week. Fee $8.00 per semester. First and second semesters, 2 credits each.

150 General Zoology

An introductory course covering in a general way the field of animal life. Biological principles are presented and a study of the structure, development, relationship, distribution, and economic importance of animals is made. Required of pre-medical students. Two lectures and two laboratory periods a week. Fee $5.00. First semester, 4 credits.

151 Comparative Anatomy of Vertebrates

A continuation of Course 150, including a comparative study of the systems of organs of typical vertebrates. Structural relationships of the various groups are emphasized and the progressive development from the lower to higher forms pointed out. Prerequisite: Zoology 150. Required of pre-medical students. Two lectures and two laboratory periods a week. Fee $5.00. Second semester, 4 credits.

152 Histological Technique

A laboratory course involving methods of fixing, staining and mounting animal tissues. Studies will be made of the tissues prepared. Prerequisites: Zoology 150 and 151. Two laboratory periods a week. Fee $10.00. First semester, 2 credits.

153 Vertebrate Embryology

A laboratory and lecture course in which the principles of Embryology are illustrated by a detailed study of the development of the chick. Prerequisites: Zoology 150 and 151. Fee $10.00. Second semester, 3 credits.

251 Cellular Biology

A seminar course for the study of the cell and its inclusions as a protoplasmic unit. Special reference will be made to the development
253 Parasitology
Riley

A study of animal and human parasites and their relation to disease. Attention is given to the actual discovery and identification of parasites in hosts as well as a study of prepared material. A course designed to meet the requirements of general students as well as those preparing for medicine. Open to Juniors and Seniors. Text: Chandler's Animal Parasites and Human Disease. Two hours recitation and one laboratory period. Fee $2.00. Second semester, 3 credits.

260 General Nematology
Godfrey

This course will deal with the structure and classification of the free living and plant parasitic nematodes and the special technique required for their study. Animal and human parasites will not be considered except in a general way. Registration only on consent of the instructor. Hours to be arranged. First semester, 2 credits.

261 Economic Nematology
Godfrey

Students will be guided in literature research on nematodes in relation to agriculture with special emphasis on relationship to environment and on control measures. Registration only on consent of the instructor. Hours to be arranged. Second semester, 2 credits.

270 General Entomology
Riley

A study of the structure, habits and classification of insects. Two hours classroom, one period laboratory. Fee $1.00. First semester, 3 credits.

271 Economic Entomology
Riley

Lectures and reports on the more important insect pests of agriculture, livestock and man, and their control, with special reference to Hawaii. Laboratory work includes the recognition and collection of specimens of stages in the life history of economically important insects. Trips are made to various experiment stations and fields. Prerequisite: Entomology 270. Two hours classroom and one period laboratory. Fee $1.00. Second semester, 3 credits.

291 Physiology
Edmondson

A course in physiology for the general student as well as those preparing for medicine. The functions characteristic of the various systems of organs of the human body are considered in detail. Not open to Freshmen or Sophomores. Three lectures a week. Second semester, 3 credits.

300 Research
Members of the Staff

Students with sufficient preparation are encouraged to undertake the investigation of special zoological problems with reference to land, fresh water, or marine animals. Hours and credits to be arranged. Fee not less than $5.00 per semester.
DEGREES CONFERRED
JUNE, 1930

MASTER OF SCIENCE

In Chemistry
Wanshie Feng, B.S., University of Hawaii, 1929

In Plant Physiology
Beatrice Hilmer Krauss, B.S., University of Hawaii, 1926
Thesis: "The Transpiration of the Pineapple Plant."

In Sugar Technology
Upendra Kumar Das, B.S., University of Hawaii, 1927
Thesis: "Weather in Relation to Sugar Production in Hawaii."

In Zoology
*Tai Hee Hong, B.A., University of Hawaii, 1929
Thesis: "Influence of Various Salts on Regeneration of Chelipeds and on General Behavior of Hawaiian Atiydae."

MASTER OF ARTS

In Anthropology
Rufus Wood Leigh, D.D.S., University of Michigan, 1912
Thesis: "The Dental Morphology and Pathology of Pre-Historic Guam."

In Education
Abbie Cecil Behrens, B.A., Southwest Texas Teachers' College, 1922
Thesis: "A Suggested Course in Art Education for Hawaiian Elementary Schools."
Miles Elwood Cary, A.B., University of Washington, 1917
Thesis: "A Vitalized Curriculum for McKinley High School."
Della Zoa Copp, A.B., University of Pittsburgh, 1920
Clyde Edward Crawford, B.Ed., University of California, Southern Branch, 1924
Thesis: "Some Economic and Educational Factors Involved in Consolidation of Schools in Hawaii."
Hilda Frost Dunlap, B.S., Kansas State Agricultural College, 1927

Edmund Ray Fockler, B.A., Juniata College, 1920

Louise Larrabee, B.S., Pennsylvania State College, 1910
Thesis: “A One Semester Course of Study in Astronomy for Senior High School.”

Fred Murphy, B.A., University of Hawaii, 1929

*Ethel Blanche Richmond, B.A., University of Idaho, 1917
Thesis: “Oral English Errors of Ninth Grade Students in the Public Schools of Hawaii.”

Ruth Cornelia Shaw, B.S., Columbia University, 1909
Thesis: “The Output of the Territorial Normal and Training School.”

Jane Stratford, B.S., University of Kansas, 1926
Thesis: “Cross-Section of a High School Student’s Life.”

Helen Garstang Thomson, B.S., Occidental College, 1920
Thesis: “A Study of the Significance of Thorndike Test Results at the University of Hawaii.”

Chitoshi Yanaga, B.A., University of Hawaii, 1928

In Education and French

Dorothy Jane de Moulin Gill, B.A., Oxford College, 1915

In English

Esther Louise Darrow, B.A., University of Minnesota, 1918
Thesis: “Shelley’s Attitude toward Science was Romantic.”

Ruth Eleanor McKee, B.A., University of California at Los Angeles, 1926
Thesis: “Modifications in Hawthorne’s Attitude toward Sin.”

In Geography

Lorna Hoolea Jarrett, B.S., Columbia University, 1927

BACHELOR OF SCIENCE

In Agriculture

Harold Robert Crawford
Francis Fong
Tin Yau Goo
Kazuto Nitta
Arcenio Mondarte Octavio
Philip John Westgate (Honors)
Michio Yamaguchi (Honors)
Ernest Kiyoshi Yoshinaga.
Degrees Conferred

In Civil Engineering

Bung Tong Chang
Koichi Hamada
Wah Ching Hee
Hideshi Iwamoto
Kenichi Kawamura (Honors)
Kenneth Kenkichi Sato
Thomas Aun Ting

In General Science

Arthur Yoshinori Akinaka (Honors)
*Livingston Chunn
Maitland Cameron Dease
*Hing Blu Luke
*Abraham Ng
Tamotsu Nishimura
*Richard Y. Sakimoto
Yoshio Tanaka
*Masamichi Torigoe
*Yorio Wakatake
William McKinnon Whitman
Hirosi Yasuda
Wai Yun Young

In Home Economics

**Norma Bemrose Jacobson
Isabel Irwin Hockley
Frances Kam Ung Sun
Winifred Wakeman Webster
Genevieve Pilani Yates

In Sugar Technology

Ah Yune Ching
Jorgen Joseph Jorgensen
**Julio Lata Leonor
Yoshito Matsusaka

BACHELOR OF ARTS

Lillian Nancy Abe
Masayuki Adachi
Helene Lilinoe Bartels
*Marcella Ballengee
Erling Clinton Benson
Joseph Irah Bishop
Genevieve I. Buchanan
Sidney Adrian Carlson
*Jesus O. Cayaban
*Edith A. Chang

* Degree granted September, 1930.
**Degree granted February, 1930.
Chi Kwan Ching
Hung Dau Ching
Mew Soong Chock
Andrew John Sing Chong
Kim-Fan Chong
Lily Moy Sum Chong
Ah Kong Chun
Dai Ho Chun (Honors)
**Helen Kam Mew Chun
T. Masao Daishi (Honors)
Gertrude Fehmer Dow
George Joseph I. Dowson
**Thomas Evans Ellis
Edith M. Farnsworth Eriksen
*Alyce Flaherty
*Ah Leong Fong (Honors)
Ada Jean Forbes
Clarissa Coney Gerdes
Joseph John Gerdes
Erna B. H. Gittel (Honors)
Grace Crosby Hamman
Dorothy Steltz Harding-Jones
Janet MacM. Haughs (Honors)
Allen Hawkins
Sakai Hayashi
Young Hee
Paul Tatsumi Hirashima
Lucile Hodgins
Gladys Tam Holt
Rose Nancy Horner (Honors)
**James McEnery Huey, Jr.
*Reinhart L. Hugelen
Yoshiko Ikeda
Dean Yoshikazu Ishii
Misayo Ishizaki (Honors)
**Emma Blake Jones
Lincoln Selichi Kanai
Harry Harukichi Katsura
Elizabeth Keys
Hideo Kimura
Otto Klum
Yutaka Koichi
Owen Kazuo Konishi
Edwin Mitsuo Kuniyuki
Thomas Shinkatsu Kurihara
Anna Geraldine Lange
Margaret Shinkatsu Kurihara
Salome Tai June Lee
**Gladys Ling Oi Li
**Merle Welch Linn

* Degree granted September, 1930.
** Degree granted February, 1930.
Degrees Conferred

**Arthur Foo Sin Liu (Honors)
**Choy Tim Lum
**Helen Elizabeth Markley
Marion Ruth Martin
Sanechika Mimura
*Kilmer O. Moe
Mable Lane Moe
Allen Randolph Moore
Anne Mable Moore
Jay Jiro Moriguchi
Harry Yoshimi Murakami
Yoshiye Okumura
Paul Sutekichi Osumi
A. R. Kahipuuleialoha Parker
Nancy Hull Paro
Melville Ulualoha Peterson
Francis Cornelison Pettus
Gertrude Elizabeth Piutti
*Helen G. Rinard
Vance Rogers
Francis Hideo Sato
Fern Wimberley Saxon
Helen Schonhard
Alfred Gomes Serrao
Kenneth Isao Seto
**Ellen Holden Sisson
Vivian Kam Oi Sun
Matsuko Tamura
Thomas Fukashi Tanimoto
**Beatrice Loui Ting
Ruth Holmes Travis
Solomon Yuk Pan Tseu
**Kiyoto Tsubaki
Gempachi Tsushima
*Herbert Wade
**Eleanor Kilani Wilcox
**Maria Kawahiinepoalakoku Wong
Martha Zelma Wright
Hidetane Yamano
Oliver Katsutoshi Yanaga
Florence Yuk Tai Yap
*Elsie Yee
**Samuel Lim Yee
Shigeo Yoshida (Honors)
Shay Pin Beatrice Zen (Honors)

*Degree granted September, 1930.
**Degree granted February, 1930.
HOLDERS OF UNIVERSITY SCHOLARSHIPS
1930-1931

Prince Fushimi Fund Scholarships
Charles S. Maeno
Robert Masuhara
Wallace H. Otaguro
Shinichi Suzuki
Yukuo Uyehara

Honolulu Chamber of Commerce Scholarships
Samuel Toomey (Freshman Scholarship)
Isao Toyama (Agricultural Scholarship)

Hilo Chamber of Commerce Scholarship
Albert P. Nahale-a

Chinese Community Scholarships
Eleanor Chun
Kenneth Chun
Yeu Wah Wong

Daughters of American Revolution Scholarships
Cecelia Arnold (First Semester)
Gertrude Spillner (Second Semester)
Patricia McMahon

Stephen Spaulding Scholarships
Reynolds Burkland (temporary—for one year)
Jack Wakayama

Ruth C. Scudder Memorial Scholarship
Carla Mirikitani

Maui Women's Club Scholarship
Yoshinobu Kagawa

Hawaiian Women's Club of Maui Scholarship
Beatrice Hussey

Special Scholarships
Myrtle Bechert
Irmgard Farden
Marian McKenney
REGISTER OF STUDENTS
1930-1931

GRADUATE DIVISION

Abel, Marielouise, 2107 Lanihuli Drive, Honolulu
  B.A., University of Hawaii, 1927
Abel, (Mrs.) Marjorie Greig, 4604 Kahala Ave., Honolulu
  B.S., University of Hawaii, 1924
Avison, Florence, 1651 Clark St., Honolulu
  A.B., Colorado State Teachers College, 1923
Babbitt, Adeline Emily, 1330 Koko Head Ave., Honolulu
  B.S., Teachers College, Columbia University, 1925
Barnhard, Emma C., Punahou School, Honolulu
  B.S., Columbia University, 1922
Black, Margaret Donald, 1020 Kapololani St., Honolulu
  B.A., University of Hawaii, 1927
Bowers, Herbert S., 1512 Lewis St., Honolulu
  B.A., Bluffton College, 1924
Brodie, Hugh W., Iolani School, Honolulu
  B.S., University of Hawaii, 1927
Brown, Elmer Allen, 1115 Lunahilo St., Honolulu
  A.B., Stanford University, 1902
Brunk, D. Elmer, 2159 Atherton Road, Honolulu
  A.B., McPherson College, 1923
Caldwell, William B., Kamehameha Schools, Honolulu
  B.S., Oregon State College, 1924
Carter, Elizabeth Hope, 1200 Sacramento, San Francisco, Calif.;
  Mid-Pacific Institute, Honolulu
  B.A., University of Washington, 1928
Char, Tin Yuke, 1548 Young St., Honolulu
  B.A., Yenching University, 1928
Chong, Vera Jean, 1306 Young St., Honolulu
  B.A., University of Hawaii, 1931
Chun, Phoebe, 1144 Palama St., Honolulu
  B.A., University of Hawaii, 1931
Chung, Moon Sung, 1087 Kinau St.,
  B.A., Oberlin, 1926
Collier, Arnold D., 3022 Kalakaua Ave., Honolulu
  B.S., Oregon State College, 1925
Cummings, Effie May, 1433 Santa Yuez Way, Sacramento, Calif.;
  1630 Makiki St., Honolulu
  A.B., University of California, 1921
Davis, (Mrs.) Leah Cooper, Ala Moana and Ward, Honolulu
  B.A., University of Hawaii, 1928
Davis, William Clare, Route 3, Iowa City, Iowa; 2657 Terrace Drive,
  Honolulu
  B.S., University of Iowa, 1929; M.S., University of Iowa, 1930

123
Dowson, George Joseph I., 1026 Koko Head Ave., Honolulu  
B.A., University of Hawaii, 1930

Eguchi, George Mamoru, 460 Kuakini St., Honolulu  
B.S., University of Hawaii, 1929

Eriksen, (Mrs.) Edith, 1543 Liholiho St., Honolulu  
B.A., University of Hawaii, 1930

Evans, (Mrs.) Mary Clark, 180 S. King St., Honolulu  
B.A., University of Arizona, 1924

Everett, Garnet A., 1253 Matlock, Honolulu  
B.S., Kirkville State Teachers College, 1923

Fowles, Lloyd Wright, Portland, Me.; Punahou Schools, Honolulu  
A.B., Bowdoin College, 1926

Geiger, William J., Pandora, Ohio; 610 S. King St., Honolulu  
A.B., Bluffton College, 1925

Geiser, Ralph G., 2418 Ferdinand Ave., Honolulu  
A.B., Western State College, 1927

Goto, Kenji, Capt. Cook, S. Kona, Hawaii; 183 N. Hotel St., Honolulu  
B.A., University of Hawaii, 1927

B.S., United States Naval Academy, 1925

Hall, Gladys Sprague, 2117 McKinley St., Honolulu  
B.S., Northwestern University, 1923

Hamamura, Ernest K., 1495 No. Queen St., Honolulu  
B.A., University of Hawaii, 1931

Hammond, Wesley H., Punahou Schools, Honolulu  
B.A., Willamette University, 1918

Harada, Koichi Glenn, 1252 Palolo Ave., Honolulu  
B.A., University of Hawaii, 1928

Harris, Mary Robey, 2125 Atherton Road, Honolulu  
A.B., University of Oklahoma, 1913

Hatch, Grenville, 1140-A 9th Ave., Honolulu  
B.A., University of Hawaii, 1929

Hayashi, Sakai, Hawi, Hona, Hawaii; 1839 Anapuni St., Honolulu  
B.A., University of Hawaii, 1930

Hayashida, Akiyoshi, 1732 Gulick Ave., Honolulu  
B.A., University of Hawaii, 1928

Hendry, (Mrs.) Eva, 3015 Kalakaua Ave., Honolulu  
B.A., University of Hawaii, 1927

Higgins, (Mrs.) Marion, 1952 Makiki Heights Road, Honolulu  
A.B., Mills College, 1922

Hill, Earla Louise, Route 7, Country Homes, Spokane, Washington;  
2229 Kalia Road, Honolulu  
A.B., Mt. Union College, 1921

Hill, Jo Elizabeth, 165 Kalaulani, Honolulu  
B.A., Abilene Christian College, 1921

Hodgins, Lucille, University of Hawaii, Honolulu  
B.A., University of Hawaii, 1930

Hörmann, Bernhard L., 1036 Green St., Honolulu; Lingnan University,  
Canton, China  
B.A., University of Hawaii, 1927
Jaudon, Vergil H., Karnes School, Kansas City, Mo.
LL.M., Kansas City School of Law, 1929
Kerns, Kenneth R., Box 202, Waipahu, Oahu
B.S., University of Hawaii, 1926
Keys, Elizabeth, Young Hotel, Honolulu
B.A., University of Hawaii, 1930
Kimura, Hideo, Box 340, Waipahu, Oahu
B.A., University of Hawaii, 1930
Kluegl, May Thurston; 1607 Alexander St., Honolulu
B.A., University of Hawaii, 1929
Kono, Ayako, Box 144; Hilo, Hawaii; 1909 Ulu St., Honolulu
B.A., University of Hawaii, 1925
Lam, Margaret M., 1439 Keeauumoku St., Honolulu
B.A., University of Hawaii, 1929
Lawson, (Mrs.) Edna B., Young Hotel, Honolulu
A.B., University of California, 1924
Lecker, Margaret Olga, 2241 Liliha St., Honolulu
B.A., University of Hawaii, 1930
LeRoux, Josias Christian, Robertson, South Africa; 1619 Dole St., Honolulu
M.S., University of California, 1930
Linford, (Mrs.) Thelma L., Edgewater Beach Apts., Honolulu
A.B., North Carolina College for Women, 1927
Lucas, Meda Frances, Ashland, Kansas; 206 Beach Walk, Honolulu
A.B., University of Kansas, 1914
Lulz, John C., 1541 Pensacola St., Honolulu
B.A., Colorado State Teachers College, 1930
Lum, (Mrs.) Elsie Yee, 1020 Pulaa Lane, No. King St., Honolulu
(Withdraw)
B.A., University of Hawaii, 1930
MacNeil, Helen Bosson, 2010 Hunnewell St., Honolulu
B.A., Boston University, 1912
Maneki, Mitsugi, Kaumana, Hilo, Hawaii; 1710 Fort St., Honolulu
B.S., University of Hawaii, 1930
Marlowe, Ralph Henry, MacDonald Hotel, Honolulu
B.S., Rollins College, 1928
Masuoka, Jitsuichi, Kahului, Maui; 1239 So. King St., Honolulu
A.B., College of Emporia, 1928
Maxon, Yale Candee, Punahou School, Honolulu
A.B., Stanford University, 1928
McBride, Virginia, 2412 Kuhio Ave., Honolulu
B.A., University of Utah, 1925
McPherren, Berenice Margaret, Beach Walk Hotel, Honolulu
B.B.A., University of Washington, 1929
Mitchell, Donald Dean, County Club, Great Bend, Kansas;
Kamehameha Schools, Honolulu
A.B., Phillips University, 1928
Moe, Kilmer Oscar, Kamehameha Schools, Honolulu
B.A., University of Hawaii, 1930
Moe, (Mrs.) Mabel Lane, Kamehameha Schools, Honolulu
B.A., University of Hawaii, 1930
Morimoto, Shizuko, 2005 Dole St., Honolulu  
B.A., University of Hawaii, 1931

Nelson, John B., 2253 Kalia Road, Honolulu  
B.S., University of Wyoming, 1906

Nukaga, Makoto, P. O. Box 1384, Honolulu  
B.A., University of Hawaii, 1931

Ogura, Shiku Ito, Kealakekua, Hawaii; 3450 Paalea St., Honolulu  
B.A., University of Hawaii, 1929

Osumi, Paul Sutekichi, 186 Hotel St., Honolulu  
B.A., University of Hawaii, 1930

Otremba, Frances M., 2659 Oahu Ave., Honolulu  
B.S., Teachers College, Columbia University, 1930

Otremba, Hedwig S., 2659 Oahu Ave., Honolulu  
B.S., Teachers College, Columbia University, 1928

Ottmann, Donald Radebaugh, Emma Square, Honolulu  
A.B., University of the South, 1915

Peavey, George J., Mohala Way, Honolulu  
A.B., University of Denver, 1924

Remick, Grace Ingalls, 2452-A Kuhio Ave., Honolulu  
B.A., University of Hawaii, 1928

Rowlands, Llewellyn Delos, Kohala, Hawaii; 1812 Anapuni St., Honolulu  
B.S., University of Idaho, 1925

Runyan, Grace E., Leilehua School, Schofield Barracks, T. H.  
A.B., Nebraska State Teachers College, 1920

Schleicher, Charles P., Central Y.M.C.A., Honolulu  
A.B., College of the Pacific, 1928

Shaw, Harold Raymond, Waipio Sub-Station, Waipahu, Oahu  
B.S., University of Hawaii, 1927

Sherretz, D. Ransom, Mid-Pacific Institute, Honolulu  
B.Ed., Southern Illinois Teachers College, 1926

Shinn, Alida Viss Chev, Brookland Hotel, Honolulu  
B.E., National College of Education, 1928

Skinner, Franklyn E., Wailuku, Maui  
B.A., University of Hawaii, 1929

Smith, Alice Whitaker, 70 Judd St., Honolulu  
B.S., Teachers College, Columbia University, 1916

Sousa, Mathilde, 1377 Lusitana St., Honolulu  
B.A., University of Hawaii, 1929

Stanley, John, 3380 Victory St., New Westminster, Canada; 2581 Jones St., Honolulu  
B.A., University of British Columbia, 1927; M.A., University of Minnesota, 1929

Steere, Charlotte Elizabeth, 4551 Kahala Ave., Honolulu  
B.S., University of Hawaii, 1928

Suehiro, Amy, 1219 Seventh Ave., Honolulu  
B.S., University of Hawaii, 1927

Tanimoto, Thomas Fukashi, 1039 Fifth Ave., Honolulu  
B.A., University of Hawaii, 1930

Tol, Kenzo, Hiroshima, Japan; 222 No. Beretania St., Honolulu  
B.A., University of Hawaii, 1927
Register of Students

Vaughn, (Mrs.) Inger S., 1625 Dole St., Honolulu
B.S., William and Mary College, 1921

Wade, Herbert A., Haiku School, Pauwela, Maui
B.A., University of Hawaii, 1930

Watanabe, Shichiro, Fukushima Ken Yamagun, Iwatsukimura, Japan;
3410 Campbell Ave., Honolulu
B.A., University of Hawaii, 1928

Weimer, Carleton E., 910 21st Ave., Honolulu
B.S., College of Wooster, 1927

Wilson, Ivah I., Waimanalo, Oahu
B.S., Kirksville State Teachers College, 1927

Yap, Florence Yuk Tai, Box 24, Pauwela, Maui; Kawalakahoe Building,
Honolulu
B.A., University of Hawaii, 1930

Yoshizawa, Toku, 1952 Young St., Honolulu
B.A., University of Hawaii, 1931

Young, Wai Yun, 1333 Pensacola St., Honolulu
B.S., University of Hawaii, 1930

COLLEGE OF APPLIED SCIENCE

Note:—The first figure following a student's name indicates grade
points earned, the second figure semester hours earned at the Univer­
sity of Hawaii; figures in parentheses indicate advanced standing
credits allowed from other institutions. Roman numerals indicate
class—I Freshman, II Sophomore, etc.

Abe, Yaso, 44½, 48 (II Voc. Educ., Agric.), Holualoa, Hawaii; Seaside
Hotel

Ahara, Kenji, 13, 14½ (I Civil Engineering), 1531 Gulick Ave.


Akana, William (I Agriculture), Kealakekua, Hawaii; 1049 11th Ave.
(Withdrew.)

Akau, John Kane, Jr., 51, 54 (II Agriculture), Hilo, Hawaii; 251 S.
Vineyard St. (Withdrew.)

Allen, Edna Adelaide, 26, 19 (I Voc. Educ., H. E.), 420 Waianuenue
Ave., Hilo, Hawaii; 1067 S. Beretania St.

Arnold, Cecelia, 39, 40 (II Home Economics), 3467 Mauna Loa Ave.

Atkins, Francis Henry, 1½, 10½ (I Civil Engineering), 837 9th Ave.

Auld, Lily, 54, 49 (II Voc. Educ., H. E.), 3057 Waialae Road

Awaya, Kaichi, 257, 137 (IV Civil Engineering), Box 59, Kohala,
Hawaii; 188 Merchant St.

Bayer, Gerald M., 6, 8½ (79) (III Pre-Medical), 214 S. 3rd St., Alham­
bra, Calif.; 2326 Oahu Ave.

Bechert, Myrtle, 106, 57 (II Voc. Educ., H. E.), 2876 Park St.

Berry, Clara M., 17, 15 (42) (II Home Economics), Wheeler Field, T. H;
Women's Dormitory

Blackstad, Theodore, 22, 33 (II Agriculture), Hanamau, Kauai;
Men's Dormitory

Bowman, Waldo, 34, 17 (I General Science), 2723 Aolani St.

Brown, Lila Foster, 17, 17 (I Voc. Educ., H. E.), 2369 E. Manoa Road
Bushnell, Oswald A., 36, 18 (I General Science), 1441 Liholiho St.

Chalmers, William C., 64, 56 (III Agriculture), Army & Navy Y.M.C.A.,
Honolulu
<table>
<thead>
<tr>
<th>Name</th>
<th>Class</th>
<th>Grade</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chang, Alfred</td>
<td>II Pre-Medical</td>
<td>32%</td>
<td>1613 Houghtailing St.</td>
</tr>
<tr>
<td>Chang, Hon Chong</td>
<td>II Pre-Medical</td>
<td>52</td>
<td>c/o Dr. S. Y. Chang, Lihue, Kauai; c/o Mid-Pacific Institute.</td>
</tr>
<tr>
<td>Ching, Ah Pong</td>
<td>I Civil Engineering</td>
<td>17, 10%</td>
<td>2848 Kalihi St.</td>
</tr>
<tr>
<td>Ching, Ah Seong</td>
<td>II Agriculture</td>
<td>73, 67</td>
<td>96 Puliwa Lane</td>
</tr>
<tr>
<td>Ching, Bernice Sun Lee</td>
<td>I Voc. Educ., H. E.</td>
<td>Kapaa, Kauai; 1436-C Lunahilo St. (Withdrew.)</td>
<td></td>
</tr>
<tr>
<td>Ching, Charles Koon Chin</td>
<td>I Civil Engineering</td>
<td>32%, 17</td>
<td>Kapaa, Kauai; 1436-C Lunahilo St.</td>
</tr>
<tr>
<td>Ching, Frank</td>
<td>I General Science</td>
<td>10, 17%</td>
<td>528 Ihe St.</td>
</tr>
<tr>
<td>Ching, Quan Yuen</td>
<td>III Civil Engineering</td>
<td>85, 89</td>
<td>Box 893, Waipahu, Oahu</td>
</tr>
<tr>
<td>Chock, Herbert</td>
<td>II Pre-Medical</td>
<td>20, 48</td>
<td>927 10th Ave.</td>
</tr>
<tr>
<td>Choy, James King Lee</td>
<td>I Pre-Medical</td>
<td>18, 13</td>
<td>2137 Dole St.</td>
</tr>
<tr>
<td>Choy, Robert</td>
<td>I Civil Engineering</td>
<td>33%, 17%</td>
<td>Punahou, Oahu; 1928 Euluwene St.</td>
</tr>
<tr>
<td>Chun, Cho Hen</td>
<td>III Civil Engineering</td>
<td>112, 94</td>
<td>1149 Kamehameha Ave., Hilo, Hawaii; 623 9th Ave.</td>
</tr>
<tr>
<td>Chun, Edwin</td>
<td>II Agriculture</td>
<td>102, 55%</td>
<td>1247-A Hall St.</td>
</tr>
<tr>
<td>Clapper, James K.</td>
<td>I Agriculture</td>
<td>12%, 6%</td>
<td>Kapaa, Kauai; 1555 Wilder Ave.</td>
</tr>
<tr>
<td>Coleman, John R.</td>
<td>II Agriculture</td>
<td>88, 48%</td>
<td>Atkins, Ark.; Old Naval Station</td>
</tr>
<tr>
<td>Corpus, Felipe</td>
<td>I Civil Engineering</td>
<td>3, 15%</td>
<td>Badoc, Ilocos Norte, P. I.; Filipino United Center</td>
</tr>
<tr>
<td>Crosby, Leonard W.</td>
<td>III Civil Engineering</td>
<td>79, 46</td>
<td>2410 E. Manoa Road</td>
</tr>
<tr>
<td>Dean, Lyman A.</td>
<td>IV General Science</td>
<td>178, 118 (5%)</td>
<td>2225 Hyde St. Domini, John Owen, 23%, 17 (I Sugar Technology), Men's Dormitory; Box 3415, Honolulu</td>
</tr>
<tr>
<td>Douse, George H.</td>
<td>I Sugar Technology</td>
<td>13, 13</td>
<td>835 11th Ave.</td>
</tr>
<tr>
<td>Duncan, Harry</td>
<td>II Sugar Technology</td>
<td>16%, 38</td>
<td>Ewa, Oahu</td>
</tr>
<tr>
<td>Enomoto, Shiro</td>
<td>II Voc. Educ., Agric.</td>
<td>19, 41</td>
<td>Hooa, Hawi, Hawaii; 1389 Anapuni St.</td>
</tr>
<tr>
<td>Farden, Irmgard</td>
<td>II Voc. Educ., H. E.</td>
<td>55, 52</td>
<td>Box 14, Lahaina, Maui; 1319 Emma St.</td>
</tr>
<tr>
<td>Field, Harry Montague</td>
<td>I General Science</td>
<td>10, 14</td>
<td>2050 Kamehameha Ave.</td>
</tr>
<tr>
<td>Fleener, Charles L.</td>
<td>I Agriculture</td>
<td>0, 6%</td>
<td>Waipahu, Oahu</td>
</tr>
<tr>
<td>Forbes, Donald</td>
<td>I Sugar Technology</td>
<td>6%, 10</td>
<td>1520 Wilder Ave.</td>
</tr>
<tr>
<td>Foster, George</td>
<td>II Civil Engineering</td>
<td>24, 39</td>
<td>Pukoo, Molokai; 3610 Bethshan Road</td>
</tr>
<tr>
<td>Frazier, Harold Victor</td>
<td>I Civil Engineering</td>
<td>27%, 14</td>
<td>2002-F Hunnewell St.</td>
</tr>
<tr>
<td>Fujii, Takeo</td>
<td>II Civil Engineering</td>
<td>34%, 51</td>
<td>544 Kalihi St.</td>
</tr>
<tr>
<td>Fujiioka, Hajime</td>
<td>I Civil Engineering</td>
<td>0, 11%</td>
<td>Naalehu, Kauai; 1710 Fort St.</td>
</tr>
<tr>
<td>Fujita, Francis</td>
<td>II Civil Engineering</td>
<td>95, 55</td>
<td>3338 Campbell Ave.</td>
</tr>
<tr>
<td>Fujisawa, Thomas</td>
<td>II Pre-Medical</td>
<td>92%, 54%</td>
<td>2101 Ahi St.</td>
</tr>
<tr>
<td>Fukuda, Isaac</td>
<td>III General Science</td>
<td>94, 114</td>
<td>808 Laniwai St.</td>
</tr>
</tbody>
</table>
Fukunaga, Edward T., 37½, 18 (I General Science), Upper Manoa Road
Gallagher, Laurance P., 6, 4 (86½) (III General Science), 505 North
Jackson St., Glendale, Calif.; Brookland Hotel, Honolulu
Glenn, Marion Louise, 33, 19 (I Voc. Educ., H. E.), 927 Buhne St.,
Eureka, Calif.; 2356 Waolani St.
Gonsalves, Daniel, 11, 14 (I Voc. Educ., Agric.), Box 66, Hakalau,
Hawaii; 1240 So. Queen St.
Good, Lawrence H., 9, 24 (I Agriculture), 2610 Manoa Road
Gove, James, 71½, 51 (II Civil Engineering), 3549 Pahoa Ave.
Greig, David Roger, 15½, 14 (I Civil Engineering), 2376 Oahu Ave.
Gueco, Francisco, 64½, 56½ (II Voc. Educ., Agric.), Hilo, Hawaii; 802
Kanoa St.
Hamamura, Masami, 20½, 18 (I Pre-Medical), Wailuku, Maui; c/o N.
Kagawa, Box 1212, Honolulu
Hanaoka, Bertha, 39, 19 (I Agriculture), 173 So. School St.
*Hanaoka, Wilfred Yoichi, 261, 124 (IV Pre-Medical), 1030 Aala St.;
College of Medical Evangelists, Loma Linda, Calif.
Hansen, Alwyn, 152, 123½ (IV General Science), 2812 Beckwith St.
Hansen, George, 60½, 50½ (II Agriculture), 1427 Whitney St.
Hara, Ernest, 103, 86 (III General Science), 1326 Nuuanu St.
Harkins, Melvin A., 78, 58 (II Civil Engineering), 949 8th Ave.
Harry, John Vernon, 134, 52 (II General Science), 4042 Mauna Loa Ave.
Hashimoto, Kiichi, 34, 18 (I Pre-Medical), 57 Mamane Lane
Hasuikc, Harold, 103, 53 (II Civil Engineering), 2649 S. King St.
Hayashi, Elsie Y., 16, 17 (I Voc. Educ., H. E.), Box 101, Holualoa, Ha-
waii; 2151 Atherton Road
Hayashi, Katao, 36, 18 (I Pre-Medical), 764 South St.
Hee, Annie, 16, 17 (I Voc. Educ., H. E.), Cottage N, Pawale Lane
Hew, Alfred, 22½, 18 (I pre-medical), Box 53, Pala, Maui; 1934 S.
King St.
Hirai, Sakai, 59, 46 (II Civil Engineering), 101 Jack Lane
Hirota, Osamu, 15, 14 (I Civil Engineering), Ewa, Oahu; 610 S. King
St.
Hirota, Umeyo, 69, 49 (II Voc. Educ., H. E.), Haina, Hawaii; 3157
Aila St.
Hitchcock, John, 123, 68 (III General Science), 429 Schofield Barracks,
T. H.
Hiura, Fred S., 8½, 10½ (I Pre-Medical), 43 S. Vineyard St.
Ho, Tai Loy, 112, 87 (III Agriculture), 1916 Huina St.
Ho, Yuk Pan, 37, 18½ (I Pre-Medical), 316 N. Beretania St.
Holmes, Merle, 79, 39 (57) (III General Science), Old Naval Station
Hong, Bernard, 13½, 13 (I Pre-Medical), 284 N. Kukui St.
Hong, James, 34½, 18 (I Pre-Medical), 1340 S. Beretania St.
Hosaka, Edward, 170, 120 (IV General Science), Kipapa Gulch
Hu, Wing Chung 34, 45 (II Civil Engineering), Box 444, Lihue, Kauai;
1115 Smith St.
Hu, Wo Chung, 14½, 14 (I Agriculture), 1250 N. King St.
Ichimura, Kenichi, 107½, 50 (II Pre-Medical), 1518-F Liliha St.

* To receive degree upon satisfactory completion of first year at medical school.
Inaba, Yoshio, 1, 12 (I Civil Engineering), Box 130, Holualoa, Hawaii; Box 1384, Honolulu.
Inafuku, Raymond H., 124, 126 (IV Agriculture), 321-G Pahala Lane
Ing, Leatrice, 70, 51 (II Voc. Educ., H. E.), 1425 Kamehameha IV Road
Inn, Kenneth, 8½, 15 (I Pre-Medical), 1380 Pahala Lane
Ishikawa, Wataru, 10½, 16 (I Pre-Medical), Kealakekua, Hawaii; 1823 S. King St.
Itagaki, Shigeru, 129, 102 (III Pre-Medical), 1211 Palama St.
Ito, Tadao, 191, 130 (IV General Science), Olaa, Hawaii; 1710 Fort St.
Iwai, Gero, 123, 127 (IV Agriculture), Upper Manoa Rd.
Iwaoka, Noboru, 27½, 18 (I Agriculture), 2006-A Lusitana St.
Judd, Clement, 129, 122 (IV Agriculture), Kualoa Ranch, Heeia, Oahu; 822 20th Ave.
Judd, David S., 71, 54 (4) (II General Science), 2021 Kakela Drive
Kaaau, Edward S., 197½, 135½ (IV Civil Engineering), 632 Mokuaea St.
Kagawa, Shinso, 21, 18 (I General Science), Box 1212, Honolulu
Kagawa, Yoshinobu, 30½, 18 (I Pre-Medical), 3734 Harding Ave.
Kaihenui, Frank, 60, 58 (III Civil Engineering), Kamehameha Schools
Kamm, David, 31, 53 (II 'Pre-Medical), 192 S. School St.
Kaneshiro, Jushin, 106, 85 (III Agriculture), 791 Kinoole St., Hilo, Hawaii; 2206 Wilder Ave.
Kashiwa, Shiro, 21½, 18 (I General Science), Box 165, Walalua, Oahu; 2553 S. King St.
Kawakami, Norito, 119½, 55 (II Agriculture), Ahukini, Kauai; 610 S. King St.
Kawamura, Frederick, 79, 53 (II Agriculture), 941 Pumehana St.
Kawayama, Wallace Shinobu, 30, 18 (I Pre-Dental), Box 65, Eleele, Kauai; 1710 Fort St.
Kim, Peter H. O., 17, 18 (I Voc. Educ., Agric.), Box 145, Walalua, Oahu; 733 Robello Lane
Kim, Phil Hoonsuck, 5½, 13 (I Civil Engineering), 1301 Liliha St.
Kimata, Harold, 38½, 51 (II Pre-Medical), Eleele, Kauai; 858 Lakimela Lane
Kimura, Minoru, 80, 52½ (II Pre-Medical), 2505 Rose St.
Kishi, George Toshiro, 13½, 14 (I Civil Engineering), Oili Road, Kahala
Kitamura, Tadao, 23½, 16 (I General Science), 1023 Kikeke Ave.
Kiyosawa, Mildred, 48, 50 (II Voc. Educ., H.E.), Kukaiau, Hawaii; 1429 Makiki St.
Kobatake, Daiji, 33, 19 (I Civil Engineering), Box 1163, Hilo, Hawaii; 1839 Anapuni St.
Kodama, Peggy, 73, 53 (II Voc. Educ., H.E.), Lahaina, Maui; Women’s Dormitory
Koga, Masao, 45, 45 (II Agriculture), Box 120, Olaa, Hawaii; 2389 Beckwith St.
Konishi, Harry Sunao, 18, 18 (I Pre-Medical), c/o Saikaya Hotel
Kono, Kenjiro, 18, 17½ (I General Science), Box 581, Lihue, Kauai; 425 N. King St.
Kruse, Arnold A., 14½, 14 (I Sugar Technology), Box 176, Kekaha, Kauai; Men’s Dormitory
Kunimoto, Yoshiwo, 1, 11½ (I Civil Engineering), Onomea, Hawaii; 1729 Keeaumoku St.
Kurashige, Wilfred H., 30½, 18 (I Pre-Medical), Box 100, Holualoa, Hawaii; 1445-C Kewalo St.
Kuwata, Ken, 70½, 54 (II General Science), 912 Kawaihao St.
Lam, Philip, 50, 49½ (II Pre-Medical), 1386 Lilihia St.
Lau, Joseph, 30, 46 (II Pre-Medical), 1803 Bingham St.
Lau, Thomas, 48, 75½ (II Civil Engineering), 3703 Harding Ave.
Lee, Bernard C., 127, 54½ (II Agriculture), 1098 S. Beretania St.
Lee, Edmund, 140, 91 (III General Science), 32 Wentworth Place, San Francisco, Calif.; 62 N. Hotel St.
Lee, Harold Kon Fook, 13½, 15 (I Agriculture), 2137 Wilder Ave.
Lee, Joseph Hong Tai, 3, 11 (I Pre-Medical), 1310 Emmeluth Lane
Lee, Joseph K. Y., 5, 24 (II Pre-Medical), 1310 Matlock Ave.
Lee, Katy C. S., 9, 17 (I Voc. Educ., H.E.), 1327 Pua Lane
Lee, Margaret S. H., 17, 19 (I Voc. Educ., H.E.), 1505 Fort St.
Lee, Reginald, 33½, 50 (II Pre-Medical), 1310 Emmeluth Lane
Lee, Robert, 212, 95 (III Civil Engineering), 1723 Lanakila Ave.
Lee, Won Kyu, 67, 67 (II Civil Engineering), Pyung Yang, Korea; 1520 Fort St.
Leong, Ah Yim, 40, 50 (II Voc. Educ., H.E.), 934 8th Ave.
Leong, Amy Sue, 9, 17 (I Voc. Educ., H.E.), 5-A Kokio Lane, Kukui St.
Leong, Richard, 18½, 16 (I General Science), 938 Winant St.
Leong, Walsh, 70, 94 (III Civil Engineering), 1334 9th Ave.
Leydor, William Francis (I General Science), 2261 Vernon St., Blue Island, Ill.; 3348 Waialae Ave. (Withdraw.)
Litton, James, 77, 51 (II Pre-Medical), Knoxville, Tenn.; 9th Signal Co., Fort Shafter, T. H.
Liu, Walter, 38½, 19 (I General Science), 112 S. School St.
Lobdell, William W., 28, 17 (25½) (II Agriculture), 443 3rd St., Watsonville, Calif.; 2123 Armstrong St.
Loo, Walter, 68½, 56 (II Pre-Medical), Hilo, Hawaii; 1925 Dole St.
Lougher, Irma, 11, 21 (I General Science), Puunene, Maui; 2336 Oahu Ave.
Louis, Lillian, 154, 123 (IV General Science), 1060 Koko Head Ave.
Loveland, Robert, 97, 81 (III General Science), 836 11th Ave.
Luke, Hing Yee, 14, 18 (I General Science), 1308 Date St.
Luke, Kam Kee, 38, 56 (II Voc. Educ., H.E.), Box 62, Kohala, Hawaii; 1174 Young St.
Lyman, Albert, 45, 40 (II General Science), Pahoa, Puna, Hawaii; Men's Dormitory.
Machida, Moto, 106, 68 (III Voc. Educ., H.E.), Box 307, Hilo, Hawaii; 2293 No. King St.
Maeda, Yoshimi, 19½, 18 (I Agriculture), Ewa, Oahu
Malone, Duane Williams, 14, 16 (I Civil Engineering), Apt. 34, Edge-water Apts.
Marques, Harold, 62, 66 (III General Science), 3526 Harding Ave.
Marshall, William H., 36, 15 (31) (II Agriculture), 2123 Armstrong St.
Maruyama, Yoshiio, 1½, 10½ (I Agriculture), Shirawamura, Halbara-gun, Shizuoka, Japan; 1430 Wilder Ave.
Masuda, Haruo, 64½, 53 (II Agriculture), 79 N. School St.
Masuhara, Robert, 247½, 133½ (IV Pre-Medical), 30 N. Vineyard St.
Masumoto, Richard A., 5, 14 (I Agriculture), Box 93, Aiea, Oahu
Matsumoto, Walter T., 29, 19 (I Civil Engineering), 2158-B Wilcox Lane
McKenzie, Alexander, 54½%, 53½ (II Pre-Medical), 3726 Harding Ave. (Withdraw.)
Meyer, Charles, 22, 29 (II Agriculture), Kalae, Molokai; 820 18th Ave.
Midoriikawa, Haruko, 50, 34 (II Home Economics), 1759-B Algaroba St.
Mirikitani, Carl, 198, 90 (III Pre-Medical), 1788 Ala Moana Road
Mirikitani, Clifford, 181, 90 (III Pre-Medical), 1788 Ala Moana Road
 Mitsuda, Masato, 128, 56 (II Pre-Medical), 2299 N. King St.
Miwa, Shinji, 25, 17 (I General Science), Lihue, Kauai; 610 S. King St.
Miyake, James, 99½, 89½ (III Civil Engineering), Nuuanu Japanese Church
Miyasaki, Hisao, 17%, 18 (I Agriculture), Paauilo, Hawaii; 1749-F Self Lane
Montgomery, Reed, 104, 58½ (II General Science), Men’s Dormitory
Morgan, Edward, 186, 123 (IV General Science), Kapaa, Kauai; 1286 S. Beretania St.
Morimoto, Benjamin, 6, 18 (I General Science), Waimea, Kauai; 2114 Wilder Ave.
Morishige, Noboru, 9, 12 (I Civil Engineering), Paia, Maui; c/o Mr. M. R. Levey, Makiki Heights
Moriwake, Yutaka, 25, 18 (I Agriculture), Hanamaulu, Kauai; 1710 Fort St.
Muroki, Kiyomi, 114½, 53 (II Sugar Technology), Paia, Maui; 1239 S. King St.
Nahm, Matthew, 38½, 19 (I Civil Engineering), 1330 S. Beretania St.
Nakamoto, Katsumi, 126, 92 (III Civil Engineering), Wailuku, Maui; 734 Kinau St.
Nakamura, Tadashi, 24½, 17 (I Sugar Technology), 308 N. King St.
Nakata, Reynold, 96½, 56½ (II General Science), c/o Mills School
Nishigaya, Toru, 7½, 14 (I Pre-Medical), 145 Kukui St.
Nishihara, Ernest T., 25, 52 (II Civil Engineering), 318 Kalili St.
Nishijima, Satoru, 33½, 16½ (I Pre-Medical), 53 S. Kukui St.
Nishimura, Matsuhei, 114, 95 (III Agriculture), 1725 S. King St.
Nogawa, James, 138, 128 (IV Civil Engineering), 1530-E Holt Lane
Obayashi, Tsumeo, 41½, 51 (II Civil Engineering), Box 95, Naalehu, Hawaii; 402 Keawe St.
O’Brien, Torlogh David, 16, 14½ (I General Science), 1107 Punahou St.
Ohtani, Masato, 207, 121 (IV Pre-Medical), 773 South St.
Ohtani, Ralph, 128, 86½ (III General Science), 918 Thompson St.
Okada, Stephen, 106, 54 (II Civil Engineering), Paia, Maui; Box 1299, Honolulu
Okawa, Masao, 11, 18 (I Pre-Medical), 1119 Nehoa St.
Okawa, Thomas, 113½, 57 (II Civil Engineering), 2330 S. King St.
Okazaki, Mitsuo, 13, 16½ (I Agriculture), Box 236, Hakalau, Hawaii; 1239 S. King St.
Oliveira, Violet, 94, 56 (II Voc. Educ., H.E.), 1541 Fort St.
Omori, Ethel, 107, 79 (III Pre-Medical), Box 127, Mt. View, Hawaii; 903 Tenth Ave.
Omori, Kunji, 33½, 52 (II Civil Engineering), Kealia, Kauai; 1239 S. King St. (Withdraw.)
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<td>Voc. Educ., H.E.</td>
<td>2157 Liliha St.</td>
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<td>Suooka, Theodore</td>
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<td>2135 Metcalf St.</td>
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<td>Suga, Yaichi</td>
<td>22</td>
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<td>Civil Engineering</td>
<td>Lawai, Kauai; 1239 S. King St. (Withdrew.)</td>
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</table>
Sugai, Ryoichi, 85, 53 (II Agriculture), 1081 Kinau St.
Sugai, Yuki, 63, 38 (II Home Economics), 1081 Kinau St. (Withdraw.)
Sugihara, Masato, 2, 18 (I Pre-Medical), 656 N. School St.
Sugimura, Doris, 97, 59 (II Voc. Educ., H. E.), Honokaa, Hawaii; 1802 Makiki St.
Suzuki, Takashi, 40, 19 (I Civil Engineering), 25 Kapena St.
Tai, Johnson, 10⅔, 18 (I Agriculture), 1575 Frear St.
Takase, Toyo, 32, 17 (I Voc. Educ., H.E.), 2451 Pauoa Road
Takenaka, Kameichi, 22, 18½ (I Pre-Medical), Box 164, Ewa, Oahu; B-40 Peleula Lane
Tanimoto, Ralph H., 15½, 15 (I Agriculture), Wahiawa, Oahu; 1710 Fort St.
Ting, Lawrence F. L., 8, 15 (I Voc. Educ., Agric.), Box 162, Walluku, Maui; 501 Kalili St.
Tofukuji, Yoshiiko, 12, 14 (I Home Economics), Walluku, Maui; 1616 Nuanu Ave.
Tom, Henry Kee, 263, 116 (IV General Science), Honolulu, T. H.; Washington Univ. School of Medicine, St. Louis, Mo.
Tomoguchi, Yoshikatsu, 64½, 54 (II Pre-Medical), 245 Kawili St., Hilo, Hawaii; 1710 Fort St.
Tonaki, Genbi, 100, 90½ (III Agriculture), c/o Yamamoto Store, Wahiawa, Oahu
Totori, Tsuyako, 20, 17 (I Voc. Educ., H.E.), Makaweli, Kauai; 1316 Young St.
Toyama, Isao, 127, 91½ (III Agriculture), Box 112 Olinda, Makawao, Maui; 1839 Anapuni St.
Toyofuku, Mitsuo, 7½, 10½ (I Civil Engineering), Kahului, Maui; 1239 S. King St.
Toyofuku, Ronald T., 28, 20 (I Sugar Technology), 285 N. Kukui St.
Tracy, James Clifton (I Sugar Technology), 2868 Laola Road (Withdraw.)
Tsark, Clarence, 13½, 15 (I General Science), 3133 Waialae Ave.
Tsugawa, Masaru, 164, 133½ (IV Civil Engineering), Box 37, Papalkou, Hawaii; 1052 Puanani Lane
Tsujii, Nobue, 82½, 49 (II Sugar Technology), 283 Lanihuli St., Hilo, Hawaii; 1991 Makiki St.
Tsujii, William S., 165, 116 (IV General Science), 2106 Auli St.
Tsutomoto, Yoshihiko, 32, 18½ (I Civil Engineering), 1467 S. King St.
Turner, Frank Lewis, 6, 5 (I Agriculture), 234 Liliuokalani
Tyau, Roseline L. K., 21, 19 (I Voc. Educ., H.E.), 31 Pawale Lane
Tyau, Steven, 16½, 15 (I Pre-Medical), 3711 Waialae Ave.
Tyau, Yuen Fong, 246½, 125 (III Civil Engineering), 1772 Lusitana St.
Ujiki, Misao, 180, 61 (II Voc. Educ., H.E.), Box 154, Honokaa, Hawaii; 3255 Nuanu Ave.
Umaki, Isami, 134½, 56 (II Pre-Medical), Box 6, Olaa, Hawaii; 921 14th Ave.
Uno, Shoichi, 86½, 56 (II Agriculture), 1743 S. King St.
Urabe, Harlan M., 0, 0 (I Pre-Medical), 1820 Riverbank Lane
Van Orden, Herbert, 78, 58 (II Civil Engineering), 1623 Pensacola St.
Watanabe, Ernest, 25½, 17 (I Agriculture), 4141 Waialae Road
Watts, Euclid Vance, 46, 19 (I Civil Engineering), 4291 Kahala Ave.
Westgate, Mark, 244, 94 (III General Science), Box 3437, Honolulu
Whang, Won Yill, 108, 89 (III Agriculture), 474 Buckle Lane
Whittington, William R., 2, 2 (I Sugar Technology), Waiohinu, Hawaii; 1436 Meyer St.
Wiebke, Henry, 264, 120 (IV Pre-Medical), 2220 University Ave.
Wightman, Vincent, 122, 123 (IV Agriculture), Waipahu, Oahu
Wilson, Ethel Jean, 73, 73 (2) (III General Science), Hilo, Hawaii; Punahou Court No. 4. (Withdrew.)
Wong, Charles O., 62, 52½ (II Agriculture), 1457 Auld Lane
Wong, Frank Sau Hong, 16, 14 (I Civil Engineering), 1709-G Ilahi St.
Wong, Henry Ah How, 10, 9 (I Agriculture), Hanapepe, Kauai; 817 16th Ave.
Wong, Hong Lin, 37, 20 (I Voc. Educ., H.E.), Paia, Maui; 1403 Farrington St.
Wong, Nora Kui Heong, 30, 19 (I Voc. Educ., H.E.), Hilo, Hawaii; 1908 Coyne St.
Wong, Robert, 153, 89 (III Pre-Medical), Olaa, Hawaii; 610 S. King St.
Wong, Walter, 98½, 55½ (II General Science), 1865-G Elena St.
Wong, Yan Sau, 102½, 55½ (II General Science), Cottage H, Pawale Lane
Woo, Francis, 79½, 54½ (II General Science), 1041 Koko Head Ave.
Yamagata, Susumu, 44½, 47 (II Voc. Educ., Agric.), Kealakekua, Hawaii; 2201 S. Beretania St.
Yamakawa, Kishin, 4½, 14½ (I Sugar Technology), Honohina, Hawaii; Honolulu Hotel, Vineyard St.
Yamashita, Paul, 87, 57 (II Civil Engineering), 88 Kaula St.
Yano, Florence S., 16, 12 (I Voc. Educ., H.E.), Box 38, Haina, Hawaii; 1429 Makiki St.
Yap, Abraham Mark, 17½, 18½ (I General Science), 1130 8th Ave.
Yap, Francis T. C., 152, 128 (IV Agriculture), 3465 Waialae Ave.
Yasuda, Keizo, 39, 49 (II Agriculture), Kealakekua, Hawaii; 2320 University Ave.
Yee, Francis Lester, 48½, 18 (I General Science), 1641 Nuuanu Ave.
Yokochi, Charles R., 7½, 10 (I General Science), Box 46, Kapaa, Kauai; 1234-E Pua Lane
Yoshioka, Tadao, 12½, 14 (I Agriculture), 1750 Kamehamehia IV Road
Young, Clarence, 4½, 10½ (I Agriculture), c/o Hawaiian Pine Co., Wailupe, Oahu (Withdraw.)
Young, Hong Yip, 167½, 92 (III General Science), 1333 Pensacola St.
Young, Phillip, 112½, 55½ (II Voc. Educ., Agric.), 1759 Fort St.
Yuen, Seung L., 56½, 47½ (II Pre-Medical), Box 167, Hilo, Hawaii; 1464-K Gandell Lane
COLLEGE OF ARTS AND SCIENCES

NOTE:—The first figure following a student’s name indicates grade points earned, the second figure semester hours earned at the University of Hawaii; figures in parentheses indicate advanced standing credits allowed from other institutions. Roman numerals indicate class—I Freshman, II Sophomore, etc.

Achuck, Ellen W., 15, 16 (I Education), 528 N. School St.
Agano, Yuichi, 51, 44½ (II Economics & Business), 1100-F Hoapili Lane
Aiwohi, Francis, 37½, 17 (I Education), 69 Wyllie St.
Akahoshi, Fred, 77, 74 (III Economics & Business), 816 8th Ave.
Akaka, Nora K., 9, 11 (I Social Sciences), 155 Paoakalani St.
Akana, Florence, 10, 13 (I Education), Hana, Maui; Women’s Dormitory
Aki, Lucy C., 37, 16 (I Education), Lihue, Kauai; Kaululani Home
Amasaki, Eiichi, 188, 113 (IV Economics & Business), 130 Laukapua St., Hilo, Hawaii; Box 735, Honolulu
Among, William, 46, 46 (II Education), Kaimalino, Kona, Hawaii; 1846 Edward St.
Anderson, Jean, (I Lang., Lit., & Art), Lihue, Kauai; Pleasanton Hotel
Arawaka, Gladys, 28, 16 (I Education), 1326 Pua Lane
Arnold, Kathleen, 16, 17 (I Economics & Business), 1020 10th Ave.
Asakura, Benzo, 14, 14 (I Social Sciences), Box 55, Hilo, Hawaii; 1237 Hall St.
Azevedo, Mary, 6, 13 (I Education), Olaa, Hawaii; 1937 Kakela Drive
Bachman, (Mrs.) Vera N., 150, 55 (IV Social Sciences), 2532 Jones St.
Balingit, Dominga, 57, 49 (II Education), Box 93, Schofield; 560 Queen St.
Banks, Carol R., 38, 44 (II Lang., Lit. & Art), 2128 Haena Drive
Baptiste, Helen R., 15, 16 (I Education), Box 65, Koloa, Kauai; 597 S. King St.
Bartels, Linda, 33, 36 (II Economics & Business), 3477 Campbell Ave.
Bartlett, Beth L., 32, 18 (I Economics & Business), 2730 Terrace Drive
Bayless, Bernice K., 9, 11 (I Education), 2536 Puuul Ave.
Bell, Alice F., 90, 79 (III Lang., Lit. & Art), 1020 Koko Head Ave.
Bell, Janet E., 130, 88 (III Lang., Lit. & Art), 1020 Koko Head Ave.
Bento, Ethel, 36, 49 (II Education), Box 283, Wailuku, Maui; 1319 Emma St.
Benton, Dorothy E., 99, 51 (II Education), Waimea, Kauai; Women’s Dormitory
Betts, Alexa, 34, 42 (II Education), Wailuku, Maui; 1319 Emma St.
Betts, Cleo, 27, 35 (II Education), Wailuku, Maui; 1319 Emma St.
Bevins, Mildred, 47, 51 (II Education), Wailuku, Maui; 2457-B Prince Edward St.
Bradley, Martha K., 33, 26 (II Education), Hilo, Hawaii; Women’s Dormitory
Bradley, May K., 21, 12 (I Nat. and Phys. Sciences), Hilo, Hawaii; Women’s Dormitory
Bray, David M., 9, 9½ (I Social Sciences), 2144 Eheu Drive
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<td>Brumage, Robert M.</td>
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<td>2419 Ferdinand Ave.</td>
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<td>Chang, Dorothy</td>
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<td>Chang, Inpung</td>
<td>58</td>
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<td>597 S. King St.</td>
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<td>Chang, Jack Gett</td>
<td>56½</td>
<td>53</td>
<td>(II Social Sciences)</td>
<td>21st Inf. Restaurant, Schofield Barracks; 3444 Mauna Loa and 9th Ave.</td>
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<td>Chang, Juanita</td>
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<td>70</td>
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<td>Waimea, Kauai; 597 S. King St.</td>
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<td>Chang, Marguerite S.</td>
<td>33</td>
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<td>Cheng, Kok Sun</td>
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<td>Sun Village, Chung Shan, Canton, China; 1524 Emma St.</td>
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<td>Cheo, Wan Sen</td>
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<td>2316 Oahu Ave.</td>
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<td>Ching, Alice Y. U.</td>
<td>84</td>
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<td>Ching, Chan</td>
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<td>69</td>
<td>52</td>
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<tr>
<td>Choy, Hung Fat</td>
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<td>Chu, Katherine</td>
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<td>30, Kapaa, Kauai; 608 Puuhale Road</td>
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<tr>
<td>Chun, Calvin J.</td>
<td>111</td>
<td>60½</td>
<td>(II Economics &amp; Business)</td>
<td>1050 Beretania St.</td>
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<td>Chun, Chee K.</td>
<td>11</td>
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<td>1651 Liliha St.</td>
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</tbody>
</table>
Chun, Edythe Y. Y., 15, 43 (II Education), Wailuku, Maui; Kailulani Home
Chun, Eleanor Y., 95, 60 (II Education), 1031 Noble Lane
Chun, Grace C., 44, 47 (II Education), Box 24, Kukuihaele, Hawaii; 1424 10th Ave.
Chun, Helen K., 36, 45 (II Education), 552-C Printers Lane
Chun, Kenneth, 310, 127 (IV Social Sciences), South and Halekauwila Sts.
Chun, Sun Oi, 28, 16 (I Education), 2054 S. Beretania St.
Chun, Wai Jane, 40, 18 (I Education), 2054 S. Beretania St.
Church, Winona, 57, 47 (II Education), Waikapu, Maui; 1405 Griffith St.
Coelho, Valentine, 0, 2 (I Economics & Business), Kamehameha IV Road
Colie, Thelma C., 116, 54 (II Education), Fort Kaméhameha
Corbett, Allen Louis, 57, 78 (III Pre-Legal), 1545 Magazine St.
Costa, Emily (I Education), 175 Lanikaula St., Hilo, Hawaii; Women's Dormitory (Withdrew.)
Crowell, George L., 40, 47½ (II Economics & Business), Waimea, Kauai; Men's Dormitory
Crowie, Myrtle, 89, 51 (II Education), 1654 Young St.
Dado, Richard M., 14, 17 (II Economics & Business), 2623 Kaaipu St.
Dalo, Richard M., 14, 17 (I Education), 2623 Kaaipu St.
Donald, Elizabeth V., 12, 16 (I Education), 2801 Kahawai St.
Donald, Ruth W., 14, 13 (I Education), 2801 Kahawai St.
Donker, Katherine H., 104, 51 (II Nat. and Phys. Sciences), 2115 Damon St.
Dun, Alice A., 15, 28 (II Education), Kaunakakai, Molokai; 1319 Emma St. (Withdrew.)
Dunn, Rhoda E., 13, 13 (I Education), Kahuku Plantation; c/o John C. Lane, Wilcox Road
Dunham, Pauline L., 87, 28 (II Education), 2575 Jones St.
Fernandes, Henrietta E., 33, 44 (II Education), Makaweli, Kauai; 3738-B Manini Way
<table>
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<tr>
<th>Name</th>
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<td>Field, Nella M.</td>
<td>9</td>
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<td>Freeland, Louise</td>
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<td>Fujii, Yaeko</td>
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<td>544 Kalhi St.</td>
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<td>Fujikawa, Asako</td>
<td>84</td>
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<td>(III Social Sciences)</td>
<td>841-F Custer Ave.</td>
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<td>Fujimoto, Hajime</td>
<td>19</td>
<td>40%</td>
<td>(I Lang., Lit. &amp; Art)</td>
<td>1914 Houghtalling Ave.</td>
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<tr>
<td>Fujinaga, Mitsuru</td>
<td>51</td>
<td>(II Education)</td>
<td>Box 95, Hakalau, Hawaii; 134 S. Vineyard St</td>
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<tr>
<td>Fujioka, Francis</td>
<td>17</td>
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<td>Box Y, Waialua, Oahu; Y.M.B.A., Fort St. (Withdrew.)</td>
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<td>Fujitani, Florence T.</td>
<td>17</td>
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<td>Hawi, Hawaii; 1071 Kinau St. (Withdrew.)</td>
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<td>Fukao, John K.</td>
<td>110</td>
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<td>Fukuda, Mitsuno</td>
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<td>(II Education)</td>
<td>Hamakuapoko, Maui; 308 Libby St.</td>
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<td>Fullaway, William H.</td>
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<td>2714 Manoa Road</td>
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<td>Goo, Edith</td>
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<td>Goo, Phoebe Y.</td>
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<td>1092 Beretania St.</td>
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<td>Greig, Robert G.</td>
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<td>14</td>
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<td>(I Economics and Business)</td>
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<tr>
<td>Hamamoto, Masato</td>
<td>83</td>
<td>(III Economics and Business)</td>
<td>Box 70, Hilo, Hawaii; 1710 Fort St.</td>
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<tr>
<td>Hamamura, Bernice</td>
<td>48</td>
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<td>343 Iolani Ave. (Withdrew.)</td>
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<td>Hamamura, Ernest K.</td>
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<td>(IV Nat. and Phys. Sciences)</td>
<td>1495 N. Queen St.</td>
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<td>Hammond, Virginia M.</td>
<td>14</td>
<td>(I Lang., Lit. and Art)</td>
<td>4300 Kahala Ave.</td>
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<td>Hanna, Henry C. Jr.</td>
<td>89</td>
<td>(III Economics and Business)</td>
<td>2028 W. 24th St., Los Angeles, Calif.; MacDonald Hotel</td>
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<td>Harada, Gladys C.</td>
<td>18</td>
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<td>1602 Lehua St., Kalihi Valley; 1378 Nuuanu St.</td>
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<td>Harada, Miya</td>
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<td>Haramoto, Rupert T.</td>
<td>123</td>
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<td>3027 Hinano St.</td>
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</table>
Hee, Yee, 98, 59½ (II Economics and Business), 25 Kauila St.
Heen, Sylvia C., 18, 16 (I Lang., Lit. and Art), 247-D Lewers Road
Helekunhi, Violet, 16, 16 (I Education), 3438 Wela St.
Henne, Betty M., 11, 16 (I Education), 3636 Sierra Drive
Hew, Ah Kewn, 18, 15 (I Education), Box 74, Paia, Maui; 597 S. King St.
Hewitt, (Mrs.) G. Louise, 143, 123 (6) (IV Social Sciences), 3608 Sierra Ave.
Hidaka, Noboru, 15, 15 (I Lang., Lit. and Art), Hirashima, Japan; c/o Mrs. Fuji, 104 N. Beretania St.
Hirashima, Tatsuyo, 13, 16 (I Education), Niulii, Kohala, Hawaii; 2015 Makiki Round Top
Ho, Fannie K., 6, 3 (I Education), 1585 Emma St.
Ho, Flora P., 41, 46 (II Education), 610 S. King St.
Ho, Margaret K., 49, 50 (II Education), 1509 Dole St.
Ho, Maude K., 89, 59 (II Education), 1444 Lunalilo St.
Hockley, Margaret, 86, 48 (32) (III Lang., Lit. and Art), 2144 Lani­huli Drive
Hokada, Elsie F., 29, 16 (I Education), Box 185, Waimea, Kauai; 946 Thompson
Holroyde, Edward (I Economics and Business), 1166 Alewa Drive (Withdrew)
Honbo, William S., 39, 49½ (II Education), Makaweli, Kauai; 1006-A Keeaumoku St.
Hong, Mary S., 119, 82 (III Economics and Business), 1520 Fort St.
Hong, William K., 22½, 16½ (I Economics and Business), 26 N. Kualikini St.
Honnaka, Juichi, 9, 17 (I Economics and Business), 1322 Kealia Ave.
Hons, Ferdinand, 30, 40 (II Economics and Business), 2279 Kamehameha Ave.
Houghten, Donald H., 14½, 14½ (I Education), 1125-D Wilder Ave.
Hu, Henry S. C., 56½, 52½ (II Education), 1757 Fort St.
Huntimer, Lillian R., 54, 27 (20) (II Social Sciences), 649 13th Ave.
Hurd, Dorothy F., 134, 81 (III Lang., Lit. and Art), 1830 Punahou St.
Hussey, Beatrice, 17, 17 (I Education), Box 405, Wailuku, Maui; Kalu­lani Home
Husted, Lorraine, 48, 52 (II Lang., Lit. and Art), 12 Dewey Court
Ichinose, Eugene T., 123, 90 (III Social Sciences), 140 N. Hotel St.
Ignacio, Norman, 55½, 42 (II Education), Box 96, Hakalau, Hawaii; 1222 Artesian St.
Iida, William M., 17, 17 (I Social Sciences), Wahilawa, Kauai; 1239 King St.
Imamura, Teruko, 152, 121 (IV Lang., Lit. and Art), 1727 Fort St.
Indie, George E., 62½, 47½ (II Education), 1716 Palolo Ave.
Ing, Eunice, 63, 48 (II Education), 1749 Self St.
Inouye, Yoshito, 53, 60½ (II Economics and Business), Box 1075, Honolulu
Irving, Roberta M., 31, 17 (I Lang., Lit. and Art), 927 11th Ave.
Ishii, Kazuto, 149, 115 (IV Economics and Business), 3428 Edna St.
Ishii, Tamiye, 9, 16 (I Education), Honomu, Hawaii; 2746 Kahawai St.
Ishikawa, Dorothy K., 32, 45 (II Education), Box 42, Kealakekua, Kona, Hawaii; 2115 Damon St.
Register of Students

Itai, Hazel F., 8, 11 (I Economics and Business), 112 Waipaa Lane
Itoga, Max, 5½, 15 (I Economics and Business), 167 N. Hotel St.
Jackson, Perdita, 55, 48 (II Education), 2575 Hamohamo Road
Jarrett, Genevieve, 46, 42 (II Education), 3404 Waialae Road
Jeffreys, Irvine, 4½, 12½ (I Pre-Medical), 2651 Oahu Ave.
Jim, Clarence B., 21, 15 (I Economics and Business), 1141-B S. Beretania St.
Johnson, Hilma J., 0, 3 (I Lang., Lit. and Art), 1804 Anapuni St.
Kaaloa, Abigail, 64, 53 (II Education), 3563 Kilauea Ave.
Kaaloa, Elizabeth, 31, 48 (II Education), 3563 Kilauea Ave.
Kaapana, Lloyd C., 49, 52 (II Education), Naalehu, Kau, Hawaii; 1925 Dole St.
Kageyama, Robert Y., 64½, 54 (II Education), Box 279, Honokaa, Hawaii; 1839 Anapuni St.
Kainuma, Richard, 35½, 19 (I Pre-Medical), Kawaiola, Waialua, Oahu; 1418 Alani St.
Kaluakini, Kealoha, 38, 45 (II Education), Lahaina, Maui; 1319 Emma St.
Kam, Nellie M., 13, 16 (I Education), 18 McGrew Lane
Kamimura, Fusao, 111, 53 (II Economics and Business), Pilihonua, Hilo, Hawaii; 1710 Fort St.
Kang, Miriam, 70, 49 (II Education), 1637 Kamamalu Ave.
Kato, Shingo, 168, 120 (IV Social Sciences), Wailuku, Maui; 1839 Anapuni St.
Katsuki, Yasuo, 201, 90 (III Nat. and Phys. Sciences), 1326 Keeauumoku St.
Kau, Benjamin L., 30, 18 (I Economics and Business), 1858 Liliha St.
Kauaihilo, Norman, 53½, 47½ (II Education), Pearl City; Men's Dormitory
Kawakami, Betty, 22, 14 (I Lang., Lit. and Art), Vineyard St., Wailuku, Maui; 1212 Lunalilo St.
Kaya, Elsie K., 22, 16 (I Education), 901 Factory St.
Kayano, Kenzo, 88, 85 (III Economics and Business), Pahala, Hawaii; 1815 Waialea St.
Kealoha, Joseph G., 38, 38½ (II Economics and Business), 533 N. School St.
Kenn, Charles W., 116, 108 (III Social Sciences), 944 20th Ave.
Kim, Bernice H., 52, 48 (II Education), 1814 Puowaina Drive
Kim, Joseph H., 10, 17 (I Education), c/o Waiahole School, Heeia, Oahu; D212 Iolani Ave.
Kim, Soo Sun, 21, 17 (I Education), 900-A Kanoa St.
Kimura, Ayako, 78, 47 (II Education), 2259 Hiu St.
Kimura, Fumiko, 62, 48 (II Education), Moana Hotel Cottages
Kimura, Robert T., 98, 85 (III Social Sciences), 53 N. Vineyard St.
King, John, 68, 77 (III Economics and Business), Ft. Sill, Okla.; Men's Dormitory
Kinoshita, Matsuko, 9, 10 (I Education), Box 18, Kohala, Hawaii; 1608 Fort St.
Kinoshita, Tsuneo, 16, 16 (I Education), Box 241, Kailiwi, Hilo, Hawaii; 1741 Young St.
Kinsley, Jean, 40, 17 (53) (III Lang., Lit. and Art), 1450 Kewalo St.
Kitaoka, Takashi, 19, 17 (I Social Sciences), Box 400, Hana, Maui; Mid-Pacific Institute
Kojima, Daniel, 75½, 52 (II Economics and Business), 3003 Waialae Road
Kojima, Inoyo, 57, 43 (II Education), 905 Sheridan St.
Kolhoff, Lottie, 73, 43 (II Education), 2444 Huene St.
Komezu, Seiichi, 29½, 18 (I Pre-Medical), 2013 Uhu St.
Kong, Wah Chun, 64, 62½ (II Pre-Legal), 1225 Pua Lane (Withdraw.)
Kotake, Doris M., 40, 16 (I Education), Box 118, Honokaa, Hawaii; 2180 Atherton Road
Kruse, Fred, 19, 16½ (I Economics and Business), Waimea, Kauai; 2327 Liloa Rise
Kubo, Earl Torao, 33, 50 (II Economics and Business), Box 283, Hilo, Hawaii; 1839 Anapuni St.
Kubota, Masako, 37, 16 (I Education), 306, Waimea, Kauai; 1110 McCully St.
Kunioki, Satoe, 30, 15 (I Education), Box 48, Waiokoa, Maui; 1366 S. King St.
Kuramoto, Fumiko, 96, 52 (II Lang., Lit. and Art), 1229 Young St.
Kuramoto, Rinkoro, 90, 83 (III Economics and Business), 1229 Young St.
Kusonoki, Clarence J., 64½, 53½ (II Nat. and Phys. Sciences), 1249 Young St.
Kuwahara, Akira, 137, 120 (III Economics and Business), Hirashima, Japan; Pan-Pacific Research Institute
Kuwana, Tomometsu, 64½, 52 (II Education), 12 Kahela Lane
Kwock, Charles M., 47½, 48 (II Social Sciences), 1026 Nuuanu St.
Lackrie, Alice J., 22, 18 (I Education), 1817 Bingham St.
Lai, Kum Pui, 71½, 61 (II Social Sciences), 32 Lellehuenan Lane
Lam, (Mrs.) Ah Chin, 63, 22 (30) (II Education), 1238 Lunalilo St.
Lau, Chun Kwong, 91, 68 (III Economics and Business), Kung Sun St., Chung Shan District, Canton, China; 1108 8th Ave.
Lau, Elizabeth H., 67, 49 (II Education), 1803 Bingham St.
Layman, Donald L., 199, 71 (30) (IV Lang., Lit. and Art), 1511 Punahou St.
LeClair, Eva, 191, 82 (7) (III Lang., Lit. and Art), 2606 Anuenue St.
Lederer, William (I Economics and Business), 3802 Pahoa Ave. (Withdraw.)
Lee, Benjamin, 199, 112 (IV Economics and Business), 2128 Kamehameha Ave.
Lee, Chong Hi, (I Social Sciences), Holualoa, Hawaii; 1438 Fort St. (Withdraw.)
Lee, Herbert, 30, 17 (I Social Sciences), 1720 Young St.
Lee, Margaret Y. T., 58, 49 (II Education), 3765 Harding Ave.
Len, Harry B., 120, 118 (IV Economics and Business), 1511 Kalakaua Ave.
Leong, Ah Jook, 51, 49 (II Education), 934 8th Ave.
Leong, James Y. T., 194, 90 (III Economics and Business), 1119 Lunalilo St.
Leong, Nancy Y. W., 53, 50 (II Education), 1237-B Palama St.
Leong, Phoebe M. H., 58, 54 (23) (III Lang., Lit. and Art), 2 Mei Cha Hutung, Peking, China; 1020 Isenberg St.

Leung, Wing Iu, 18, 12 (III Social Sciences), 46 Bow Yuen St., Canton, China; 1051 Kinau St.

Lewis, Paul Arthur, (I Lang., Lit. and Art), c/o Lt. H. duB. Lewis, Fort Kamehameha, T. H.

Linnemann, Irma, 26, 16 (I Lang., Lit. and Art), 2425 E. Manoa Road
Liu, Eleanor Y. L., 122, 49 (II Education), 112 S. School St.

Liu, Flora S. T., 39, 49 (II Education), 2306 Gazette Ave.

Livingston, David L., 23, 17 (I Economics and Business), 2129 Kamehameha Ave.

Luke, Kwai Ngan, 115, 52 (II Education), 1308 Date St.

Lum, Amoy, 93, 50 (II Education), 911 Ninth Ave.

Lum, Clara K. M., 32, 38 (II Lang., Lit. and Art), 855 8th Ave.

Lum, Kam Yau, 69, 54½ (II Education), 1017 River St.

MacDonald, William G., Jr., 14, 19 (I Economics and Business), 3002 Hibiscus Drive

Mackenzie, Jessie D., 3, 10 (I Education), Box 715, Waiakea Home-steads, Hilo, Hawaii; Women's Dormitory

MacLean, Winifred S., 16, 14 (I Lang., Lit. and Art), Sherbrooke, Nova Scotia; 2030 Kamehameha Ave.

Macy, Dorothy, 24, 46 (II Education), 3144 Catherine St.

Maeda, Irving F., 64½, 49½ (II Education), 1740 Lusitania St.

Maeno, Charles S., 84, 79 (III Economics and Business), Box E. Lihue, Kauai; 2730-C Kaaha Lane

Mahikoa, Ainsley K., 19½, 17 (I Economics and Business), Pearl City; Nuuanu Y.M.C.A.

Mann, Aline, 84, 38 (45) (III Lang., Lit. and Art), 2333 Ferdinand Ave.

(Withdrew.)

Manuel, Romualdo S., 7½, 19 (I Education), Binaloon, Pangasinan, P. I.; Box 74, Honolulu

Marr, Marian, 71, 48 (II Economics and Business), 3144 Aliko Ave.

Martin, Howard W., 21, 16½ (I Economics and Business), 2215 Manu-kal St.

Masuda, Morio, 116, 122 (IV Nat. and Phys. Sciences), Waialu, Maui; 1239 S. King St.

Masuda, Matsuko, 32, 16 (I Education), Box 7, Kapaa, Kauai; Aloha Lane, S. King St.

Masumoto, Clarence N., 23, 17 (I Education), 1628-C Fort St.

Mathews, Caleb McD., 27, 13½ (36) (II Pre-Legal), 35th Inf., Schofield Barracks

Mattos, George P., 7, 10 (I Social Sciences), 1523 Artesian St.

May, Velma H., 35, 16 (I Lang., Lit. and Art), Kamehameha Schools

McAlevy, Charles L., 12, 12 (48) (II Social Sciences), 145-D Liliuokalani Ave.

McCoy, Emily S., 18, 18 (I Lang., Lit. and Art), 320 Lewers Road

McGregor, Marion F., 68, 51 (II Education), 1165 N. King St.

McKenney, Donald, 135, 93 (III Economics and Business), 2934 Loomis Ave.

McKenney, Herbert E., 10½, 16½ (I Economics and Business), 2934 Loomis Ave.

McKenzie, Muriel H., 80, 47 (II Education), 1749 Self Lane
McLean, Ruth, 58, 64 (III Lang., Lit. and Art), 959 11th Ave.
McMahon, Patricia, 91, 55 (II Education), 1118 19th Ave.
Medeiros, Christable K., (I Education), 1720 Poki St. (Withdrew.)
Mihara, Ayako, 3, 16 (I Education), Hakalau, Hawaii; 23 S. School St.
Miller, Gordon, 95½, 51½ (34) (III Economics and Business), c/o Honolulu Advertiser
Minami, Mondo K., 59½, 75½ (II Economics and Business), Laie, Oahu; 910 S. Queen St.
Mitchell, (Mrs.) Janet, 21, 12 (65) (III Nat. and Phys. Sciences), 1319 Wilder Ave., Cottage G
Mitsukado, Andrew, 119, 119 (IV Economics and Business), 2050 Young St.
Miyazaki, Fuji D., 141, 119 (IV Lang., Lit. and Art), 872 Mission Lane
Mizuha, Jack H., 37, 18 (I Education), Waihee, Maui; 1239 S. King St.
Mizusaki, Kimiyo, 20, 16 (I Education), Box 95, Hakalau, Hawaii; 3139 Huelani Drive
Mizutani, Kenji, 91½, 53 (II Economics and Business), 816 Sheridan St.
Monden, Tamao, 185, 92 (III Social Sciences), Laupahoehoe, Hawaii; 644 Waikamilo Road
Monroy, Marcelina L., 30, 32 (II Social Sciences), 423-B Kapahulu Road (Withdrew.)
Mookini, Dorothy, 32, 34 (II Education), Lahaina, Maui; Kaikulani Home
Morimoto, Takashi, 34, 17 (I Economics and Business), Box 43, Hilo, Hawaii; 1710 Fort St.
Morinaga, Kenneth H., 133, 86 (III Social Sciences), Lahaina, Maui; 1839 Anapuni St.
Moriwaki, Satoru, 17½, 12½ (I Lang., Lit. and Art), 1322 Punchbowl St.
Morton, Charlotte G. (I Education), Nanakuli, Waianae; Box 2965, Honolulu (Withdrew.)
Mossman, Hortense, 118, 83 (III Lang., Lit. and Art), 3035 Kiele Ave.
Motoyama, Jiro C., 96, 52 (II Education), Kilauea; Kauai; 610 S. King St.
Mullahey, Catherine C., 13, 11 (I Education), Sacred Hearts Academy Mulvey, George, 30, 17 (24) (II Social Sciences), W. Brookfield, Mass.; 2575 Jones St.
Murakami, James H., 15, 15 (I Social Sciences), 1569 Colburn St.
Murakami, Wallace, 102, 119 (IV Social Sciences), Lahaina, Maui; 1710 Fort St.
Murakami, Yutaka, 12½, 17 (I Economics and Business), 952 Kahuna Lane
Nagano, Masaru, 134, 84 (III Economics and Business), 429 N. King St.
Nagata, Allen, 9, 17 (I Education), 2619 S. King St.
Nahale-a, Albert P., 102, 49 (II Education), Kamuela, Hawaii; 3908 Mauna Loa Ave.
Nakagami, Yaeko, 53, 49 (II Education), 841 N. Custer Ave.
Nakagawa, Yasuko, 56, 45 (II Education), Wailuku, Maui; 1616 Nuuanu Ave.
Nakai, Masuo, 71, 78 (III Social Sciences), 779-E Lunalilo St.

Nakaji, Tomoki, 11, 18 (I Education), 1041 Kamehameha Ave., Hilo, Hawaii; 1710 Fort St.

Nakamoto, Kathryn, 13, 16 (I Education), Box 32, Hilo, Hawaii; 1217 Circle Lane

Nakano, Shizuko, 105, 51 (II Education), Hamakuapoko, Maui; 1224 Wilhelmina Rise

Nakao, James S., 39½, 52 (II Education), Makaweli, Kauai; 1710 Fort St.

Nashiwa, Martha, 44, 47 (II Education), Paia, Maui; 2129 Ladd Lane

Naukana, George, 13½, 12½ (I Education), 1571 Miller St.

Neilson, Caroline M., 94, 38 (64) (III Lang., Lit. and Art), Naval Hospital, Pearl Harbor

Neilson, Mary C., 80, 36 (12) (II Lang., Lit. and Art), Naval Hospital, Pearl Harbor

Nelson, George E. III, 9, 13½ (I Social Sciences), Schofield Barracks; Men's Dormitory

Nip, Dorothy M. K., 27, 17 (I Education), 1623 Fort St.

Nishimura, Ayame, 18, 15 (I Social Sciences), Box 1221, Hilo, Hawaii; 624 Quinn Lane

Nishizaki, Masayoshi, 74%, 49 (II Education), Kawaihau, Pepeekeo, Hawaii; 942 Thompson St.

Nobriga, Theodore, 87½, 81½ (III Economics and Business), 3427 Pehu St.

Nomura, Paul T., 18, 37 (I Lang., Lit. and Art), Moanalua Service Station, Queen and Pauoa Road

Nukaga, Makoto, 306, 130 (IV Social Sciences), Box 1384, Honolulu

Oda, Hatsuno, 12, 16 (I Education), Puunene, Maui; 1616 Nuuanu St.

Okamoto, Kiyosio, 113, 114 (IV Economics and Business), Paia, Maui;

Okamuro, Suyuki, 50, 48½ (II Economics and Business), 1111 University Ave.

Okamoto, Setsuo, 52½, 45 (II Economics and Business), Box 1220, Hilo, Hawaii; Nuuanu Japanese Church Dormitory, Kukui and Nuuanu Sts.
Olsen, Thelma H., 9, 7 (I Lang., Lit. and Art), Lihue, Kauai; Brookland Hotel
Ome, Moses, 74, 81½ (III Social Sciences), 3442 Wela St.
Osborne, Juliet H., 38, 16 (I Lang., Lit. and Art), 1435 Liholiho St.
Ota, Maizie, 26, 47 (II Education), Box 1153, Hilo, Hawaii; 2045 Kamehameha Ave.
Otani, Tokumi, 77, 61 (II Economics and Business), Box 27, Hilo, Hawaii; 1909 Ulu Lane, Funchal St.
Ouchi, Alice T., 17, 16 (I Education), 1554 Kalakaua Ave.
Ozawa, Edith, 9, 12 (I Education), 3727 Mahina Ave.
Pacheco, Cecilia, 3, 9 (I Education), 661 Kinoole St., Hilo, Hawaii; Women's Dormitory
Pang, Bertha, 105, 58 (II Education), 1409-C Cunha Lane No. 4
Pang, Robert, 72, 74 (III Economics and Business), 1810 Fort St.
Patterson, Janet, 19, 17 (I Lang., Lit. and Art), Fort Shafter, T. H.
Penhallow, H. Chadsey, 109, 118½ (IV Social Sciences), Walluku, Maui; Men's Dormitory
Perkins, Carolyn C., 6, 6 (I Lang., Lit. and Art), Schofield Barracks, 733; 2316 Oahu Ave.
Perry, George, 92, 82 (III Social Sciences), 448 Namahana St.
Peterson, V. Kehau, 30, 46 (II Education), Laie, Oahu; 1219 Nakuina St.
Piltz, Winifred, 79, 50 (II Education), 839 7th Ave.
Pohina, Abraham, 12½, 15 (I Education), Box 117, Papaikou, Hawaii; c/o S. Kawamoto Shoten, S. Queen St.
Pohlmann, George R., 20, 17½ (III Lang., Lit. and Art), 727 Carolina St., Vallejo, Calif.; 2123 Armstrong St.
Pond, Richard C., 24½, 14 (I Economics and Business), 2483 E. Manoa Road
Porteus, Hebden, 123½, 53½ (II Social Sciences), 2620 Anuenue St.
Potter, Lois R., 24, 15 (I Education), 2727 Kalakaua Ave.
Pratt, Kenneth, 90, 124½ (III Economics and Business), 2048 Nuuanu Ave.
Puuhau, James, 36, 41½ (II Education), Hilo, Hawaii; 171 Paoakalani St.
Quon, Helen H., 27, 18 (I Education), 23 McGrew Lane
Rego, Dora I., 46, 54 (II Education), Walluku, Maui; 1357 Wilhelmina Rise
Robbins, Willa, 140, 59 (II Nat. and Phys. Sciences), 4161 Black Point Road
Robinson, Arnett, 9, 12 (I Economics and Business), 1118 Hassinger St.
Roy, John W., 12½, 14½ (I Economics and Business), Kealakekua, Hawaii; 1745 Young St.
Salgo, Yoshito, 140, 109 (IV Social Sciences), Box 47, Hilo, Hawaii; 1821 S. Beretania St.
Sakamoto, Dorothy T., 51, 19 (I Education), 353 Kawaihao St.
Sakoda, Horace M., 63½, 47½ (II Economics and Business), Box 716, Lihue, Kauai; 747 S. King St.
Sakumoto, Charles Y., 67, 67 (II Economics and Business), 139 Millilani St., Hilo, Hawaii; 1824 S. King St.
Sanderson, Thomas, 15, 15 (I Economics and Business), Box 482, Hilo, Hawaii; Men's Dormitory
Sasaki, Ralph K., 54½, 47½ (II Education), Box 23, Ewa, Oahu; 1243 Kinau St.
Sato, Isamu, 23½, 14 (I Social Sciences), Box 168, Waialua, Oahu; Mid-Pacific Institute
Sato, Yutaka, 226, 128 (IV Economics and Business), Lahaina, Maui; 1004 17th Ave.
Schwallie, Wilhelmina, 24, 17 (I Education), 935 10th Ave.
Segawa, Fumiko, 28, 15 (I Education), 1441 Johnson Lane
Seki, Fumi, 70, 45 (II Social Sciences), Honokohau, Maui; 1616 Nuuanu Ave.
Seki, Shinichi, 28, 38 (II Economics and Business), Lahaina, Maui; 1710 Fort St.
Sekido, Ronald T., 87, 79 (III Economics and Business), Box 217, Hilo, Hawaii; 1710 Fort St.
Seto, Jacqueline, 49, 87 (III Social Sciences), Hanapepe, Kauai; 1943 Young St.
Sexton, Lloyd, 13, 7½ (I Lang., Lit. and Art), Hilo, Hawaii; Pleasanton Hotel
Sheldon, Henry C., 9½, 8 (I Education), Kapaa, Kauai; 3918 Maunaloa Ave.
Shepherd, Carolyn, 268, 120 (IV Lang., Lit. and Art), 1808 Punahou St.
Shepherd, Elizabeth, 141, 57 (II Lang., Lit. and Art), 1808 Punahou St.
Shitamoto, Kimiye, 43, 16 (I Education), Lahainaluna St., Lahaina, Maui; 1628-A Fort St.
Shoda, Kiyoharu, 22, 17 (I Economics and Business), Paia, Maui; 1616 Nuuanu Ave.
Simerson, Rose K., 57, 52 (II Education), 1457 Auld Lane
Smith, Elsa L., 15, 15 (I Economics and Business), 2375 Oahu Ave.
Smith, Louise, 89, 55 (II Economic and Business), 198 S. Sunset Blvd., Temple, Calif.; Women's Dormitory
Smith, Thelma, 129, 50 (II Education), 2108 Oahu Ave.
Snyder, Glenn, 9, 9 (15½) (I Education), 1104 W. 38th St., Los Angeles, Calif.; Central Y.M.C.A.
Song, Mun Soo, 22, 15½ (I Pre-Legal), 750 20th Ave.
Spillner, Bertha, 85, 54 (II Education), 2157 Liliha St.
Spholcer, Percy (I Economics and Business), 2726 Ferdinand Ave. (Withdrew.)
Springer, Louis, 68, 53½ (II Economics and Business), 2128 Armstrong St.
Sproat, Thelma, 21, 15 (I Education), 1920 11th Avenue
Stevens, Marquis E., 27, 18 (I Pre-Medical), 2638 Kuahine Drive
Stewart, Charles B., 45½, 21 (I Lang., Lit. and Art), Hawaiian Ordnance Depot
St. Sure, George, 84, 74 (III Social Sciences), Haiku, Maui; 1747 Wilder Ave.
St. Sure, Robert, 74, 71 (III Social Sciences), Haiku, Maui; 1747 Wilder Ave.
Suehiro, James E., 181, 115 (3) (IV Social Sciences), Lahaina, Maui; 2806 Koanani Way
<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Major, Department, Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suzuki, Shinichi</td>
<td>187</td>
<td>(IV Economics and Business), Kahuku, Oahu</td>
</tr>
<tr>
<td>Tai, Pauline</td>
<td>41</td>
<td>(II Education), 1575 Frear St.</td>
</tr>
<tr>
<td>Takahashi, Shuichi</td>
<td>15</td>
<td>(I Lang., Lit. and Art), 1628-A Fort St.</td>
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<tr>
<td>Takamura, Tsuyoshi</td>
<td>144</td>
<td>(III Economics and Business), 1518-A Hiram Lane</td>
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<tr>
<td>Takeda, Doro</td>
<td>76</td>
<td>(III Social Sciences), 1710 Fort St.</td>
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<td>Takeshima, Kaoru</td>
<td>176</td>
<td>(III Lang., Lit. and Art), 2553 S. King St.</td>
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<tr>
<td>Taketa, Helene U.</td>
<td>29</td>
<td>(I Education), 1132 2nd Ave.</td>
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<tr>
<td>Takeuchi, Yuichi</td>
<td>59</td>
<td>(II Lang., Lit. and Art), 650 N. King St.</td>
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<tr>
<td>Tam, Irma</td>
<td>35</td>
<td>(I Education), 824 11th Ave.</td>
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<td>Tam, Maran</td>
<td>23</td>
<td>(I Education), 597 S. King St.</td>
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<td>Tam, Richard K.</td>
<td>101</td>
<td>(II Education), Makawao, Maui</td>
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<td>Tamashiro, Hatsuko</td>
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<td>Tamashiro, Ruth</td>
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<td>(I Social Sciences), Walmea, Kauai</td>
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<td>Tateishi, Isami</td>
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<td>(I Social Sciences), Hilo, Hawaii</td>
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<td>Tatsuno, George Masato</td>
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<td>(I Education), Kealakekua, Hawaii</td>
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<td>Tay, Betty</td>
<td>8</td>
<td>(I Lang., Lit. and Art), 2413 East Manoa Road</td>
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<tr>
<td>Tai, Betty</td>
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<td>Taylor, Samuel</td>
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<td>(II Economics and Business), Kahului, Maui</td>
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<td>Tenn, Emma</td>
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<td>(I Education), Hawi, Hawaii</td>
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<td>Tenn, Ida</td>
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<td>(III Social Sciences), Hawi, Hawaii</td>
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<td>Tenn, Nora</td>
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<td>(I Education), 2302 Coyne St.</td>
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<td>Thomas, Willis L.</td>
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<td>(I Social Sciences), 1059 12th Ave.</td>
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<td>Togawa, Hayato</td>
<td>29</td>
<td>(I Economics and Business), 30 Kapena St.</td>
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<td>Tokushige, Eddie</td>
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<td>(II Education), Heeia, Oahu</td>
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<td>Tom, Lin</td>
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<td>(I Economics and Business), 108 N. Kukui St.</td>
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<td>Tom, Stanley</td>
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<td>Tominaga, Torao</td>
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<td>(II Economics and Business), 1839 Anapuni St.</td>
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<td>Tong, Grace</td>
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<td>(I Education), 1404 Lusitana St.</td>
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<td>Tong, Thomas C.</td>
<td>1/2</td>
<td>(I Economics and Business), 378 N. Kukui St.</td>
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<td>Toomey, Samuel, Jr.</td>
<td>16</td>
<td>(I Education), 969 12th Ave.</td>
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<tr>
<td>Tsui, Sik Kum</td>
<td>51</td>
<td>(III Social Sciences), Box 93, Waimea, Kauai</td>
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<tr>
<td>Turner, Elizabeth L.</td>
<td>16</td>
<td>(II Education), 2468 Oahu Ave.</td>
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<tr>
<td>Tyau, Charles</td>
<td>48</td>
<td>(II Economics and Business), 31 Pawale Lane</td>
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<tr>
<td>Tyau, Dorothy</td>
<td>31</td>
<td>(I Education), 1772 Lusitana St.</td>
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<tr>
<td>Tyau, Lily</td>
<td>13</td>
<td>(I Education), 3101 Monsarrat Ave.</td>
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<td>Untermann, Elaine C.</td>
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<td>(I Education), 2560 Liliha St.</td>
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<td>Uyeda, Alfred A.</td>
<td>218</td>
<td>(IV Economics and Business), 2218 Star Road</td>
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<tr>
<td>Uyeda, Chiyo</td>
<td>41</td>
<td>(I Education), 1322 Fort St.</td>
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<tr>
<td>Uyehara, Yukuo</td>
<td>189</td>
<td>(III Social Sciences), 1822 Nuuanu St.</td>
</tr>
<tr>
<td>Vannatta, Eric</td>
<td>72</td>
<td>(II Economics and Business), Kailua, Oahu</td>
</tr>
</tbody>
</table>
Register of Students

Vierra, Anne, 11, 14 (I Education), 1294-F Akoko Lane
Vincent, Chloetilda C., 15, 12 (I Education), Kula, Maui; 2042 Pala Road
Wakayama, Jack K., 144, 119 (IV Social Sciences), Kohala, Hawaii; 1839 Anapuni St.
Wakukawa, Seiyei, 278, 113 (IV Social Sciences), Cunha Lane No. 5
Wall, Ormond E., Jr., (I Lang., Lit. and Art), Black Point
Warren, Marlon F., 27, 14 (I Lang., Lit. and Art), 1904 Vancouver Highway
Watanabe, Ikuo, 35, 44½ (II Economics and Business), c/o Bank of Hawaii, Wailuku, Maui; 1839 Anapuni St.
Watanabe, Sueo, 37½, 45½ (II Social Sciences), Shiranui, Mura, Kumamoto, Japan; 1810 Bingham St.
We, Jason, 18, 16 (I Education), Box 32, Wahiawa, Oahu; L. McCandless Yard, N. King St.
Weight, Herbert C., 22½, 17 (I Economics and Business), 2029 Nuuanu Ave.
Wengren, Frank, 21, 18 (48) (II Pre-Legal), 1023 Palm Terrace, Pasadena, Calif.; 2319 Oahu Ave.
Whitney, James (I Education), 3355 Kaau St. (Withdrew.)
Whittington, Ellen H., 14, 17 (I Education), Waiohinu Kau, Hawaii; 2050 Mohala Way
Wilder, Catherine, 85, 50 (II Lang., Lit. and Art), 1522 Hastings St.
Williams, Ivy, 93, 45 (II Education), 1320 Wilhelmina Rise
Williams, Sylvia, 20, 33 (II Lang., Lit. and Art), 1003 11th Ave.
Wise, John, 43½, 39 (II Education), 632 Mokuaea St.
Wise, Jonah K., 18, 14 (I Social Sciences), 632 Mokuaea St.
Wong, Annie Y., 28, 16 (I Education), 1794-E Kalihi Road
Wong, Daniel B., 40½, 47 (II Social Sciences), Wailuku, Maui; 1119 7th Ave.
Wong, Harlan A., 10½, 13 (I Social Sciences), Lahaina, Maui; 723 Walakamilo Road
Wong, Hong Sin, 118, 78 (III Nat. and Phys. Sciences), Box 166, Paia, Maui; 1403 Farrington St.
Wong, Irene K., (I Education), Hawi, Hawaii; 1908 Coyne St. (Withdrew.)
Wong, Jennie Y., 9, 14 (I Education), 1087-D Beretania St.
Wong, John Y., 65, 83 (III Economics and Business), 1457 Auld Lane
Wong, Kenneth, 0, 0 (I Economics and Business), 728 S. Queen St.
Wong, Violet Y., 35, 48 (II Education), 1457 Auld Lane
Wong-Leong, Kalei M., 14, 17 (I Education), Box 1652, Honolulu
Wood, Richard Coke, 32, 17 (70½) (III Social Sciences), Bishop, California; 2319 Oahu Ave.
Yamada, Richard, 13, 17 (I Education), Box 2, Waipahu, Oahu; 825 11th Ave.
Yamaguchi, Daisy, 28, 16 (I Education), Pahoa, Hawaii, Box 298; 909 McCully St.
Yamaguchi, Tadashi, 22, 17 (I Pre-Legal), Box 341, Pahoa, Hawaii; 1710 Fort St.
Yamane, Yukino, 33, 16 (I Education), 2295 N. King St.
Yamauchi, Shizue, 38, 45 (II Education), Koloa, Kauai, Box 78; 938 McCully St.
Yap, Alice, 81, 48 (II Education), 2306 Wilder Ave.
Yee, Daniel, 51, 49½ (II Social Sciences), 1225 10th Ave.
Yee, David, 65, 54½ (II Social Sciences), 1401 Kewalo St.
Yee, Lizzie, 45, 49 (II Education), Box 158, Kohala, Hawaii; Kalulani Home
Yee, Violet, 39, 24 (I Education), 1401 Kewalo St.
Yoda, Haruko L., 26, 16 (I Education), P. O. Box 1377, Honolulu
Yonemoto, Yoshiko, 0, 0 (I Education), Haina, Hawaii, Box 28; 3552 Aloha Ave.
Yonge, Marguerite, 13, 16 (I Social Sciences), Box 492, Waipahu, Oahu; 1319 Emma St.
Young, Anthony, 3½, 8½ (I Education), Wailuku, Maui; Box 38; 1521 Evelyn St.
Young, James H., 83, 73 (III Social Sciences), Chungshan Village, Chungshan District, Canton, China; 1524 Emma St.
Young, Kenneth Ellis, 73½, 78½ (III Social Sciences), 2028 Makiki St.
Young, Lily B., 106, 48 (II Education), Box 342, Hilo, Hawaii; 1502 Farrington St.
Young, Margaret, 35, 16 (I Education), 233 N. Kuakini St.
Young, Paul, 37, 17 (I Pre-Dental), 3624 Pahoa Ave.
Young, Wah Chock, 86, 82 (III Economics and Business), 82 N. Beretania St.
Youngkin, Helen L., 4, 8 (I Nat. and Phys. Sciences), U. S. Naval Hospital, Quarters 317, Pearl Harbor
Yowell, Ida K., 24, 13 (I Education), 1719 Kahanu St.
Yuen, Kam In, 96, 59 (II Economics and Business), 1155-A Young St.
Yuen, Margaret Y., 88, 49 (II Education), 56 Kukui St.
Yukitomo, Andrew, 137, 114 (IV Social Sciences), Box 105, Captain Cook, Kona, Hawaii; Nuuanu Church Dormitory
Zane, Pin Kyau, 23, 24 (I Education), 1537 Palolo Ave.

SCHOOL OF EDUCATION

Note:—The first figure following a student’s name indicates grade points earned, the second figure semester hours earned at the University of Hawaii; figures in parentheses indicate advanced standing credits allowed from other institutions. Roman numerals indicate class, III Junior, IV Senior.

Abbey, Muriel, 98, 89 (III), 3259 Lincoln Ave.
Agena, Tsuruko, 149, 128 (IV), Mt. View, Hawaii; 2513 Stream Drive
Akaka, Annie, 161, 127 (IV), 2005-A Ladd-Lane
Akana, David, 61, 85 (III), 1043 Kikeke Ave.
Akwaí, Clarence A., 222, 120 (IV), 3228 Esther St.
Andrew, (Mrs.) Nancy D., 279, 115 (IV), 2881 Oahu Ave.
Arita, Kiyô, 187, 130 (IV), 1133 Fort St.
Bates, Lois, 229, 127 (IV), Merry Point, Pearl Harbor, T. H.
Beck, Pearl Lee, 54, 25 (101) (IV), Redondo Beach, Calif.; 2229 Kalia Road
Berg, Helene, 284, 116 (IV), Waipahu, Oahu
Betsui, Richard Kiyoji, 208, 127 (IV), Hanapepe, Kauai; Mid-Pacific Institute
Register of Students

Bevins, Alice, 179, 117 (IV), Walluku, Maui; 2457 Prince Edward St.
Bickerton, (Mrs.) Agnes Cassidy, 45, 22, (72 1/2) (III), 2844 Park St.
Black, Mary H., 18, 16 (72) (III), Box 1105, Hilo, Hawaii; 1427 Puna-
hou St.
Brunk, (Mrs.) Hazel, 52, 30 (77) (IV), 2159 Atherton Road
Chan, Helen Mechin, 160, 97 (III), 178 School St.
Chang, (Mrs.) Grace Liu, 86, 54 (64) (IV), 935 7th Ave.
Chang, Rose K. M., 54, 62 (22) (III), 1621 Keaau-moku St.
Chang-Tung, Alyce, 128, 86 (III), 745 19th Ave.
Char, (Mrs.) Charles C., 136, 78 (III), 1599 Kamehameha IV Road
Char, Irene, 96, 121 (4) (IV), 2020-A Wilder Ave.
Chinen, Theodore, 112, 107 (IV), Lahaina, Maui; 610 S. King St.
Ching, Bessie, 141, 100 (III), 2131 Dole St.
Ching, (Mrs.) Myra Lee, 122, 99 (III), 3473 Hardesty St.
Ching-Shai, Theodora, 153, 92 (III), 1122 Kinau St.
Chinn, Edwin Y. H., 229, 137 (IV), 549 N. School St.
Chinn, Ruth, 131, 121 (IV), 584-G Circle Lane
Chock, Mew Keam, 227, 108 (IV), Kamuela, Hawaii; 1319 Emma St.
Chong, Vera J., 179, 131 (IV), 1306 Young St.
Chun, David, 107, 94 (III), 60 N. School St.
Chun, Edwin Ah Eat, 108, 89 (III), Box 24, Kukuiuaulele, Hawaii; 1424
10th Ave.
Chun, (Mrs.) Margaret Wong, 180, 119 (IV), Box 112, Lahaina, Maui; 1826 S. Beretania St.
Chun, Myrtle M., 107, 87 (III), 60 N. School St.
Chun, Phoebe, 215, 132 (IV), 1144 Palama St.
Clark, Dorrit P., 80, 88 (III), Naalehu, Kau, Hawaii; Women's Dormi-
tory
Collins, (Mrs.) Bertha Iten, 73, 51 (77) (IV), Kealakekua, Hawaii
Cooper, Elizabeth, 179, 140 (IV), 2316 Oahu Ave.
Cooper, (Mrs.) Florence T., 194, 111 (IV), 2316 Oahu Ave.
Cooper, (Mrs.) Marguerite F., 87, 44 (77) (IV), 1215 8th Ave.
Coxhead, (Mrs.) Anna L., 15, 12 (74) (III), 1932 Awaphuhi St.
Crone, Rosina C., 86, 18 (96) (IV), 1136 Punchbowl St.
Crowell, Lily, 138, 86 (III), Wai-mee, Kauai; 587 S. King St.
Denison, Marion, 183, 98 (III), 1840 Vancouver Highway
Dudloft, Harriet Fouthall, 80, 82 (III), 901-A Puuhale Road
Durbenuick, Frank, 139, 84 (III), Mt. View, Hawaii; 3059-B Waialae
Ave.
Fujinaka, Evelyn N., 155, 123 (IV), 429 N. King St.
Funada, Harold K., 84, 80 (III), Lihue, Kauai; 734 Kinau St.
Glenn, Jana, 195, 93 (III), 927 Buhne St., Eureka, Calif.; 2356 Wao-
lani St.
Gomez, Gloria, 51, 90 (III), Hanapepe, Kauai; 234 Awaliolimu St. (Withdrew.)
Goo, Madeline Y. L., 70, 82 (III), 632 South St.
Goo, (Mrs.) Sarah Tseu, (66) (III), 1306 Keaau-moku St. (Withdrew.)
Goto, Yoshio, 99, 84 (III), Capt. Cook, Kona, Hawaii; 2201 S. Beret-
tania St.
Hasegawa, Margarettte, 94, 70 (III), Hanaalei, Kauai; 1132 2nd Ave.
Hashimoto, Edward Y., 62, 82 (III), Box 171, Hilo, Hawaii; 1710 Port
St.
Hayashi, Fusa, 157, 120 (IV), Box 101, Holualoa, Hawaii; 2171 Atherton Road
Hayselden, Howard K., 137, 85½ (III), 1412 Houghtailing Road
Heen, Elizabeth Lulu, 57, 32 (92) (IV), Waipahu, Oahu
Heu, Helen F., 219, 103 (IV), 1252 S. King St.
Higa, Tsuru, 107, 92 (III), 1259 Ekaha Ave.; 2115 Atherton Road
Higuchi, Hiro, 65, 58 (77) (IV), Hilo, Hawaii; 727 Spencer St.
Hiu, Hon Sam, 113, 115 (IV), 35 S. Kuakini St.
Hohu, (Mrs.) Martha Poepoe, 56, 44 (64) (III), 2655 Rooky Ave.
Holt, Jeanette, 61, 51 (32) (III), 2256 Metcalf St.
Honbo, Masaru, 124, 119 (IV), Makawell, Kauai; 1006-A Keeauomoku St.
Hooper, Edmund, 104, 73½ (III), 1050 Young St.
Horii, Tamotsu, 80½, 87 (III), H.S.P.A. Experiment Station, Keeauomoku St.
Hoshino, Sumiyie, 74, 92 (III), 380 S. Vineyard St.
Hosoi, Yuri, 87, 72 (III), 673 Queen St.
Hussey, Wilfrid, 193, 111 (IV), Hanalei St., Hilo, Hawaii; 1519 Pele St.
Ing, Amy Sai Moi, 171, 128 (IV), 909 14th Ave.
Ing, Lucille Yick, 164, 115 (IV), 3438 Hinahina St.
Johnson, Florence Irene, 153, 115 (3) (IV), 1804-A Anapuni St.
Johnson, (Mrs.) Wilhelmina Murray, 163, 84 (III), 1538 Alewa Drive
Kamei, Edward, 108, 117 (IV), Box 140, Waimea, Kauai; 1839 Anapuni St.
Kaneko, Kazuma, 226, 98½ (III), Box 666, Hilo, Hawaii; 1916 Dole St.
Kaonohi, Irene M., 105, 91 (III), 1319 Emma St.
Kauinana, Mary, 79, 80 (III), 450 Cooke St.
Kaumeheiwa, Solomon, 92, 84 (III), Walkapau, Maui; Men's Dormitory
Kelly, (Mrs.) Naomi Beck, 42, 20 (56) (III), 2163 Atherton Road
Kim, Hope, 117, 111 (III), 734 9th Ave.
Kim, Young Hee, 97, 72½ (III), Box 178, Hilo, Hawaii; 1520 Fort St.
Kimoto, Lawrence H., 86, 83 (III), Box 689, Wailuku, Maui; 79 N.
School St.
King, Eva, 62, 46 (43½) (III), 2256 Kaia Road
Kolke, Mollie, 114, 58 (III), Holualoa, Hawaii; 862 11th Ave.
Komu, Shizue, 170, 123 (IV), Box 125, Aiea, Oahu
Kong, Albert, 104, 91 (III), 2027 Dole St.
Kong, En Moi, 79, 115 (IV), 1193 Kiluaea Ave., Hilo, Hawaii; 3711 Waialae Ave.
Kono, Takumi, 171½, 129 (IV), Hilo, Hawaii; 1909 Ulu Lane, Funchal St.
Kunichika, Toshiko, 140, 117 (IV), Lahaina, Maui; 1616 Nuuanu Ave.
Laird, Alys Christine, 100, 86 (4) (III), Haleiwa Ranch, Haleiwa;
Women's Dormitory
Lam, Grace, 198, 125 (IV), 1716 Mott-Smith Drive
Lau, Evelyn Yuen Yin, 139, 132 (IV), 1134 Koko Head Ave.
Lee, Beatrice N., 180, 128 (3) (IV), 1723 Lanakila Road
Lee, Daisy Kui Tem, 209, 122 (IV), Paia, Maui; 2120 Bingham St.
Lee, James K. F., 164½, 125 (4) (IV), 2137 Wilder Ave.
Leithead, Helen S., 110, 85 (III), 1614 Emerson St.
Leong, Elizabeth, 138, 97 (III), 1736 Pikoi St.
Li, Sadie Hing Oi, 81, 88 (III), 52 S. Kukui St.
Like, Albert N., 122, 108 (16) (IV), 1710 N. School St.
Lindsay, James, 93½, 116 (6) (IV), Haiku, Maui; 1137 Davenport St.
Ling, Edith Tai, 245, 120 (IV), 1070 S. King St.
Loo, Bernice Y., 247, 111 (IV), 1174 Young St.
Low, Frank, 135, 142 (IV), 2236 Young St.
Lum, (Mrs.) Clara Young, 169, 130 (IV), East Manoa Road
Lum, Richard Tai, 57, 83 (III), 1503-A 8 Nuuanu St.
Lum-Kihg, Bernice, 133, 94 (III); 1317 S. Beretania St.
Lyman, Rebecca L., 222, 130 (IV), 17 Ewaliko Lane, Hilo, Hawaii; 1532 Liholiho St.
Mallory, Ruth, 136, 112 (IV), 2036 Lanihuli Drive
Marques, Adeline A., 225, 125 (IV), 3366 Keanu St.
Marshman, (Mrs.) Eleanor Mihata, 123, 86 (III), Box 126, Kohala, Hawaii; 2132 Atherton Road
Martinson, Martin, 97, 73½ (III), Waiohinu, Kau, Hawaii; 1050 Young St.
Matsuki, Shizuko, 152, 81 (III), 340 N. School St.
Matsushima, Toshio, 244½, 126½ (IV), Haiku, Maui; Box 994, Honolulu
Mau, Kim Ol, 132, 128 (4) (IV), 2937 Kalakaua Ave.
McGregor, Louise, 61, 55 (64) (IV), 1165 N. King St.
McKenney, Marian, 76, 85 (III), 2934 Loomis St.
Minatodani, (Mrs.) Teruko Nishimura, 90, 89 (III), 624 Quinn Lane
Mikitani, Carla H., 138, 90 (III), 1788 Ala Moana Road
Mitsuka, Roy Manabu, 152, 91 (III), 106 Kamehameha Ave., Hilo, Hawaii; Box 994, Honolulu
Miyoshi, Isamu, 138, 91 (III), 3639 Kepuhi Ave.
Moo, Lydia, 254, 137 (IV), 1040 6th Ave.
Moodie, Mary, 126, 90 (III), Paia, Maui; Women's Dormitory
Morimoto, Florence F., 114, 87 (III), Box 43, Waikele, Kauai; 2114 Wilder Ave.
Morimoto, Shizuko, 315, 132 (IV), 2005 Dole St.
Murakami, Wallace, 102, 119 (IV), Lahaina, Maui; 1750 Fort St.
Muroda, Betty Chieko, 102, 81 (III), Box 104, Honoulu, Hawaii; 2553 S. King St.
Nakagawa, Shizuko, 196, 94 (III), 713 South St.
Nakamura, Setsuko, 204, 125 (IV), 2035 Ohal Lane
Nakamura, Torako, 153, 116 (IV), Box A-56, Honokaa, Hawaii; 1385 S. King St.
Maka, Yukino, 108, 84 (III), Box 456, Hilo, Hawaii; 1071 Kinoa St.
Nakashima, Howard G., 112, 111 (IV), Hanapepe, Kauai; 855 11th Ave.
Namahoe, Dorothy, 234, 128 (IV), 117 Kalanianaole St., Hilo, Hawaii; Leonard Hotel, Honolulu
Nerio, Mildred, 157, 114 (IV), 2003 Waterhouse St.
Nip, Gertrude M. E., 110, 58 (66) (IV), 1623 Fort St.
Obayashi, Evelyn, 91, 85 (III), Box 95, Naalehu, Kau, Hawaii; 1727 Fort St.
Obara, Kenneth, 171, 87 (III), 538 Cooke St.
Oka, Richard, 95, 81 (III), Mt. View, Hawaii; 610 S. King St.
Okamachi, Agnes M., 233, 122 (IV), Kealakekua, Hawaii; Kaiulani Home
Okimura, Harumi, 149, 84 (III), Box 106, Hilo, Hawaii; 1725 Dole St.
Okimura, Kenji, 125, 117 (IV), Manoa Japanese School
Otaguro, Wallace H., 188, 121 (IV), 625-E Kunawai Lane
Ozawa, Dorothy, 288, 120 (IV), 3737 Mahina Ave.
Park, (Mrs.) Ina Moon, 85, 48 (64) (IV), 507 Iolani Ave.
Poepoe, Dorothy, 0, 0 (64) (III), 768 Kanoa St.
Powell, Lucy E., 77, 59 (57), (IV), 2065 Lanihu Road

Pung, Elizabeth, 40, 76 (III), 3223 Harding Ave.
Quon, Elizabeth, 87, 53 (24 2/3) (III), 23 McGrew Lane
Reese, Angelica K., 140, 117 (IV), 3221 Duval St.
Robinson, Wilhelmina T., 126, 86 (III), 1118 Hassinger St.
Sakki, Leinani, 165, 86 (III), Hilo, Hawaii, 1319 Emma St.
Sam, Nora, 104, 85 (III), Waianae, Oahu; 959 N. King St.
Santoki, Saburo, 138, 121 (IV), Box 28, Aiea, Oahu
Sasaki, Tetsuo, 261, 123 (IV), 2556 Cartwright Road
Sato, Robert M., 114, 84½ (III), 801 Koula St.
Schausten, (Mrs.) Mildred T., 121, 54 (74) (IV), Aiea, Oahu
Schroeder, Bernice, 16, 13 (54) (III), 1415 11th Ave.
Schwallie, Hortense, 127, 84 (III), 935 10th Ave.
Shim, Esther Fo, 100, 54 (66) (IV), 1230 14th Ave.
Shimada, Teruko, 193, 91 (III), Box 72, Puunene, Maui; 1727 Fort St.
Shimodao, Hanaye, 234, 146 (IV), 2293 N. King St.
Silva, David, 119, 98 (III), 1224 Lisbon St.
Smith, (Mrs.) Clara I., 101, 53 (49) (IV), 3753 Sierra Drive
Smythe, Henry Kalani, 89, 90 (III), 846 10th Ave.
Spillner, Ernest, 223½, 129½ (IV), 2157 Liliha St.
Sproat, Mary, 218, 88 (III), 920 11th Ave.
Stryker, (Mrs.) Juanita S., 35, 17 (68) (III), c/o Lt. Stryker, Submarine Base; 4432 Kahala Ave.
Sueoka, Toshiko, 228, 130 (IV), Koloa, Kauai; Kauihi, Home
Suzuki, (Mrs.) Asako K., 117, 104 (III), 2028 Waiola St.
Takahara, Alice Shizuko, 184, 83 (III), 1847 Fort St.
Tamashiro, James, 125, 117 (IV), Box 89, Waimea, Kauai; 610 S. King St.
Tanaka, Thomas, 96, 120 (IV), Kekaha, Kauai; 1549 S. King St.
Thomas, Frances, 68, 85 (III), Lihue, Kauai; Women's Dormitory
Tokimasa, Edith, 125, 85 (III), 1504 Kaumualii St.
Tom, Kwock Wo, 80, 87½ (III), 922 Kapahulu Road
Tsugawa, Haruyo, 117, 108 (IV), Box 54, Kurtistown, Hawaii; 2605 Paniao Road
Tyau, Albert, 129, 119 (IV), 3711 Waialae Ave.
Uchimura, Masayuki, 139, 119 (IV), Box 277, Hilo, Hawaii; 610 S. King St.
Uemura, Hazel, 93, 82 (III), 2556 Kilo Ave.
Weber, Fred, 81, 7½ (III), Kekaha, Kauai; Men's Dormitory
Widdifield, Ethel E., 156, 84 (III), Wahiau, Oahu; 2065 Lanihu Road
Williams, Ventnor, 130½, 82½ (67½) (IV), 1259 Lunalilo St.
Wong, Ambrose, 167, 79 (III), 3033 Manoa Road
Wong, Eleanor K. C., 55, 56 (64) (IV), 580 Hotel St.
Wong, Eva, 172, 128 (IV), Hau, Hawaii; 1908 Coyne St.
Wong, Marjorie, 104, 103 (III), 1457 Auld Lane
Wong, William S., 288, 137 (IV), 2039 Dole St.
Wong, Yeu Wah, 158, 93 (III), 2722 Liliha St.
Wong-Leong, Margaret, 99, 55 (64) (IV), Box 1652, Honolulu
Wright, (Mrs.) Mae H., 29, 17 (64), (III), 2159-A Atherton Road
Yap, Hannah Lu Jin, 89, 87 (III), 3465 Waialae Ave.
Yoshizawa, Toku, 257, 131 (IV), 1952 Young St.
Young, Ah Mun, 374, 139 (IV), 1709 Kalani St.
Youngkin, Anna M., 17, 16 (66) (III), Naval Hospital, Pearl Harbor,
T. H.
Zen, Shay Yung Hilda, 168, 85 (III), Piikoi and King Sts.

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Adelmeyer, (Mrs.) Iwalani Bemrose, 2252 Puna St.
Ai, (Mrs.) Olive Heong D., 1266 Ekaha Ave.
Ako, (Mrs.) Ellen S. U. C., Waimea, Kauai; 148 So. School St.
Amoy, (Mrs.) Phoebe Heen, 3755 Waialae Road
Anjo, Manuel Gomes, Box 141, Makawao, Maui
Armstrong, (Mrs.) Ruth S., B.M., 2108 Haena Drive
Ashton, Courtland E., B.S., 2629 Kalakaua Ave.
Astleford, Elsie, 720 17th Ave.
Au Hoy, Esther M., 1520 Liliha St.
Awai, Amy K., Waialua, Oahu; Kalulani Home
Ayres, Arthur, B.S., 1259 Lunalilo St.
Babcock, Marjorie E., A.B., M.A., 13 Center St., Hornell, N. Y.; 3020
Hibiscus Drive
Bahrenburg, Donald E., Hilton, N. Y.; 817 Alakea St.
Baker, Ray J., 1911 Kalakaua Ave.
Banning, Claude George, Kamehameha Schools
Barnes, Homer F., A.B., A.M., Ph.D., Kamehameha Schools
Barnum, Eureka B., 1829-B Beretania St.
Bean, (Mrs.) Knell C., A.B., 1716 Hunnewell St.
Beier, Alice A., 236 Lewers Road
Belknap, Stella W., 2422 Kuhio Ave.
Bergstrom, (Mrs.) Muriel, B.A., M.A., 4556 Kahala Road
Beveridge, Kathryn, Papailou, Hawaii; 2475 Mountain View Drive
Blanchard, Elizabeth E., A.B., Port Orchard, Wash.; 2189 Kalia Rd.
Bockius, Beatrice S., 151 Edgemont Road, Scarsdale, N. Y.; Territorial
School for Deaf and Blind
Bostwick, (Mrs.) Edith, 1903 Kamaia Drive
Boyum, (Mrs.) Louise V., Puunene, Maui
Brandt, William S. K., Koloa, Kauai; 1529 Punahou St.
Brewer, (Mrs.) Lela R., 811 18th Ave.
Brooks, Pearl W., Pala, Maui

* These are for the most part mature people, many of them teachers
in service, who, because of regular duties, are unable to carry a full­
time program of University work, but who are continuing their studies
along the lines of their interests.
Brown, Edna E., Hamakuapoko, Maui
Brown, (Mrs.) Flora Beecher, A.B., 1115 Lunalilo St.
Brown, Laura Eliza, Kamehameha Schools
Browning, Jeanette D., Wai'alea, Oahu
Bryan, (Mrs.) Helen Ayres, B.A., M.A., 2721 Ferdinand Ave.
Buel, Rae, 2629 Kalakaua Ave.
Burmeister, (Mrs.) Tamara R., 1801 Beckley St.
Cameron, (Mrs.) Elizabeth S., 2606 Pamoa Rd.
Campbell, Emily K., Kohala, Hawaii; 546 Halekauwila St.
Campbell, (Mrs.) Florence M., Kamehameha Schools
Canaday, Lotty V., Beach Walk Hotel
Cannon, Martha Lucile, 385 Alewa Drive
Carroll, Kaiminaauao M., Kekaha, Kauai
Carter, Reginald W., B.A., Cottage E, Leilehua School, Schofield, T. H.
Chang, Charles, 3562 Leahi Ave.
Chang, Harry H., 1436-D Lunalilo St.
Chang, Kung Kai, 1658 Fort St.
Chang, Marjorie Y., Makawao, Maui; 1934 S. King St.
Char, Charles C., 1599 Kamehameha IV Road
Cherry, Emilie F., Makawao, Maui; 915 Punahou St.
Ching, (Mrs.) Amy F., 1004 6th Ave.
Ching, Harold W., Box 4, Kapaa, Kauai; 3442 Keanu St.
Ching, Phyllis D., 1675 Kamamalu Ave.
Chock, Hattie M., 1136 Punchbowl St.
Chock, Jennie Kam, 710 Kaliihi St.
Chong, Lydia Tyau, 1258 16th Ave.
Christensen, Carmen A., B.A., 234-D Lewers Road
Christian, (Mrs.) Laura K., Le Sueur, Minn.; 3211 Lauulu St.
Christian, Stanley C., Hanamaulu, Kauai; Men's Dormitory
Chun, Amy W., 2332 Monsarrat Ave.
Chun, Eileen K. S., 1414-C S. Beretania St.
Chun, Kong Fat, 629 Panui St.
Chung, (Mrs.) Mary A., 817 10th Ave.
Chur, Bella, 1038 5th Ave.
Church, Alfred M., A.B., Kamehameha Schools
Clarke, (Mrs.) Adna G., 2125 Armstrong St.
Clower, Malcolm W., Box 12, Biloxi, Miss.; Wailuku, Maui
Cooke, (Mrs.) Charlotte McLean, c/o Alexander and Baldwin, Ltd.
Cooke, Douglas A., B.S., M.S., Box 411, Honolulu
Cooley, (Mrs.) Bertha E., Waialua, Oahu
Cooley, Philip H., A.B., Waialua, Oahu
Corbaley, Frances F., 3828 Pahoa Ave.
Cowan, Charlotte M., 147 Kealohilani Ave.
Cravalho, Manuel B., Waialao, Maui
Crawford, (Mrs.) Catherine B., 919 12th Ave.
Crossno, May Frances, A.B., 5217 16th Ave. N. E., Seattle, Wash.; Iolani School
Crossley, Louise Brown, A.B., 3220 Park Blvd., Oakland, Calif.; 2442½ Burbank Road
Cup Choy, Dorothy, Makawao, Maui
Damkroger, Ernest L., Alexander House Settlement, Wailuku, Maui
Register of Students

Das, Upendra, B.S., M.S., H. S. P. A. Experiment Station
Davis, Alice Everett, Ph.B., M.A., 702 Prospect St.
Davis, (Mrs.) Juliet L., Walluku, Maui
Davis, Ruth Whitehead, Haiku, Maui
Deinert, Agnes K., Walluku, Maui
Dodge, Charlotte Peabody, A.B., A.M., 2541 E. Manoa Road
Dolim, Lydia, Keahua, Maui
Dorr, Henry W., 2484 Koa Ave.
Dorsey, A. Archie, A.B., 1433 Pensacola St.
Doty, Edward Raoul L., Walluku, Maui
Doty, (Mrs.) Helen K., Walluku, Maui
Dunlavy, Doris C., Box 2623 Tantalus
Dyson, Clarence B., Makawao, Maui
Dyson, (Mrs.) Lucy, Makawao, Maui; 1121 Davenport St.
Elder, Nell Bradley, Box 167, Honolulu
Eller, (Mrs.) Armena, A.B., 2839 Oahu Ave.
Emmett, Cordelia M., Kendrick, Idaho; 1328 Matlock Ave.
Farden, Bernard N., Lahaina, Maui; Men's Dormitory
Farden, Carl A., B.S., 2306 Marques St.
Faulconer, (Mrs.) Grace, 1059 8th Ave.
Feiteira, Thomas M., Hamakuapoko, Maui; 848 S. Queen St.
Fernandez, Helen P., Makawao, Maui
Fisher, (Mrs.) Jessie Shaw, 2121 McKinley St.
Flaherty, Hallye C., 2466 East Ave., Columbus, Ohio; 2444 Oahu Ave.
Floyd, Theodora A., B.A., Jakin, Georgia; 1116 Lunalilo St.
Fong, Francis, B.S., 918 6th Ave.
Forbes, Miriam, San Luis Obispo, Calif.; Box 2990, Honolulu
Foster, (Mrs.) Cora D., Hamakuapoko, Maui
Foster, Francis Harold, Kamalo, Molokai; 3610 Bethshan Road
Fowlds, Lorraine, Eleele, Kauai; 160 Kealohilani Ave.
Foxall, Sarah E., 1651 Kalakaua Ave.
Francis, Mildred Marie, San Jose, Calif.; 2157 Kalakaua Ave.
Franz, Ferdinand M., Kohala, Hawaii
Fraser, Juliette M., B.A., 2733 Terrace Drive
Frasher, Henry L., Dept. Finance Office, Fort Shafter, T. H.
Fressle, Ruth M., Tribune, Waterloo, Iowa; Punahou School
Frisbee, Naomi, B.M., 2412 Kuhio Ave.
Gallagher, (Mrs.) Mabel, 3007 Holei St.
Gault, A. Janet, 1522-F Hastings St.
Gay, Venus, B.S., 1611 Keeauumoku St.
Geiser, (Mrs.) Cynthia Buck, A.B., M.A., 2418 Ferdinand Ave.
Gier, Bernice L., B.S., D.O., 313 Hawaiian Trust Bldg.
Gittel, Erna Berta Holoaumoku, B.A., 711 Prospect St.
Glashan, Frances Louise, 3734 Kalmuki Ave.
Glowenle, (Mrs.) Mabel Dietrich, 3211 Laulu St.
Gluud, Grete A., 2002 Hunnewell St.
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Godwin, Mary, 2755 S. King St.
Goo, Gladys M., Makawao, Maui; 622 S. Queen St.
Gouveia, Henry R., Mahukona, Hawaii; 870 Kapahulu Ave.
Gross, Oneal L., Central Y.M.C.A.
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Hamamoto, Marguerite Suzuko, Kalaheo, Kauai; 914 21st Ave.
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Harrison, Charlotte, 332-A Seaside Ave.
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Harwick, Grace, Lawton, Mich.; Kamehameha Schools
Hee, Ellen C., Tantalus Road
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Henderson, (Mrs.) Margaret, 854 12th Ave.
Henke, Louis A., B.S., M.S., 2657 Terrace Drive
Henke, (Mrs.) Rachel Day, 2657 Terrace Drive
Hewitt, George L., 3608 Sierra Ave.
Hill, Anna H., 1728 Poki St.
Hind, Marjorie C., Mahukona, Hawaii; c/o H. Waterhouse Trust Co.
Hirano, Kazuichi, B.A., Kalaheo, Kauai
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Ho, (Mrs.) Affie Fisher, 1248 Matlock Ave.
Ho, Dora L. C., 1685 Lusitana St.
Hoapili, Kaihikapu, 702 9th Ave.
Hodgins, Arthur G., Jr., Keeaumoku and Dominis Sts.
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Hormann, Helmut, 1036 Green St.
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Howell, Noel L., 1539 Pensacola St.
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Ito, Kiyoshi, B.S., A.H.P.C. Experiment Station
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Johnson, Florence B., M.M., 1846 Clark St.
Johnson, Ruth E., Shelley, Idaho; 2346 Ferdinand Ave.
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Kaakua, Hiram, 1805 Kalani St.
Kai, Dan Kaneko, B.A., 1010 10th Ave.
Kamakau, (Mrs.) Sarah M., 3424 Kaimuki Ave.
Kau, Lucy, 1858 Liliha St.
Keck, Chester B., B.S., M.S., 1637 Ashley St.
Register of Students

Kekapa, William K., 1219 Center St.
Keller, (Mrs.) Lora T., 2456 Oahu Ave.
Kelley, Antoinette, 1054 So. King St.
Kellogg, Eleanor A., A.B., 1319 Wilder Ave.
Kelsey, Arthur, 2375 Pacific Heights
Kennedy, Blanch, 2201 Barker Ave., Lawrence, Kansas; 1519 Wilder Ave.
Kennedy, (Mrs.) Ruth G. T., 1319 Wilder Ave.
Kerslake, Eliza E., 807 S. 7th St., Yakima, Wash.; 1047 16th Ave.
Kina, Christine E., Keahua, Maui
Koechner, Lucy Josephine, B.A., 2478 Tusitala St.
Kong, Irma T., 2459 Liliha St.
Krauss, Beatrice H., B.S., M.S., 2557 Parker St.
Laivo, Wilma W., Bandon, Ore.; Punahou School
Larsen, Agnes Elizabeth, 3808 Paki Ave.
Lee, Alice Keakealani, 1723 Lanakila Ave.
Lee, Genevieve, 2136 S. King St.
Leong, Rosalie K. Y., 1338 Young St.
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Lindsey, George, 3720 Manini Way
Ling, Helen W., Box 61, Puunene, Maui; 3453 Harding Ave.
Lint, (Mrs.) Lalah, 1057 16th Ave.
Liu, (Mrs.) Bertha K., 1330-B So. Beretania St.
Lo, Woon Enn, 1020 Isenberg St.
Loo, Mary J., 1043 Kinau St.
Loper, (Mrs.) Violet G., 2703 Terrace Drive
Loper, Mildred, B.M., 901 E. Citrus Ave., Redlands, Calif.; 2703 Terrace Drive
Lorden, Doris M., B.A., M.A., Iowa City, Iowa; 2163-B Atherton Road
Low, Clarence A., Bronson, Kansas; Ordnance Dept., Fort Ruger, T. H.
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Lum, Quon Chock, 1362 College Walk
MacDonnell, John Crane, No. 131 Schofield Barracks, T. H.
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Maneki, Mitsugi, B.S., Kaumana, Hilo, Hawaii; 1710 Fort St.
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Martin, Richard Philip, 4579 Kahala Road
Marvin, Paul D., Central Y.M.C.A.
Massie, (Mrs.) Thalia H., 2850 Kahawai St.
Mau, (Mrs.) Marion Lau, 952 10th Ave.
Mau, (Mrs.) Winifred C., 1346 Wilhelmina Rise
McCleary, (Mrs.) Hilda R., 1022 6th Ave.
McCoy, Esther Leone, 1809 Court Ave., South Pasadena, Calif.; 2157 Kalakaua Ave.
McCormack, (Mrs.) Marion, 58 Tusitala St.
McKeague, (Mrs.) Daisy H., Box 140, Kohala, Hawaii; 2257 Kanealii Ave.
McKee, Dorothy, Kahului, Maui
McLaren, (Mrs.) Irma D., Ipava, Illinois; Waimea, Kauai
McLean, Robert, 2385 E. Manoa Road
McPhail, Margot B., Paseo de La Reforma 100, Mexico; 1563 Hastings St.
McReddy, E. Frances, 4581 Kahala Ave.
Medeiros, Anthony J., Makawao, Maui
Mehrlich, Ferdinand, Ph.D., Pleasanton Hotel
Merlet, Irene H., Waimea, Kauai
Merriam, (Mrs.) Marian, B.A., 2139 Mohala Way
Merry, Robert Ethan, S.B., Duxbury, Mass.; Iolani School
Midkiff, Frank E., A.B., Kamehameha Schools
Midorikawa, Shizu, B.A., 1759 Algaroba St.
Miles, Erwin L., 3608 Sierra Ave.
Miles, Frances, 943 16th Ave.
Miyahara, (Mrs.) Ou, 2027 S. Beretania St.
Miyamoto, (Mrs.) Hanako, Kohala, Hawaii
Miyamoto, Masaichi, Kohala, Hawaii
Molale, (Mrs.) Mary K., Kohala, Hawaii
Moo, Eleanor Y. N., 1040 6th Ave.
Moodie, Ruth, Paia, Maui; Women's Dormitory
Moore, Nevada, B.S., Kamehameha Schools
Morelock, Isabelle, D.O., 2116 Lanihuli Drive
Morelock, Josephine E., D.O., 2116 Lanihuli Drive
Morita, Dorothea, 1021 Kama Lane
Moss, Claire Miriam, Women's Dormitory
Moss, Ruth L., 25 Ocean View Court
Mossman, Rebecca, 3035 Kiele Ave.
Mumford, Edward P., Bishop Museum
Murty, Cathryn K., 548 S. King St.
Nagai, Yoshino, 2451 Pauoa Road
Nakamura, Edwin E., 1026 Kopke St.
Nakanishi, K. Thomas, Kulalapoo, Molokai; 1523 Nuuanu Ave.
Navarro, (Mrs.) Bessie M., Box 578, Wailuku, Maui
Noel, (Mrs.) Louise, Waialua, Oahu
O'Dea, Katherine T., B.S., 2711 Piedmont Ave., Berkeley, Calif.; 276 Beach Walk
Ogata, Tomi, Waimea, Kauai; 1037 Kinau St.
Okawa, Itsuo, 940 Cooke St.
Oliver, Freda S., 4042 Kahala Cliffs
Olmstead, Rossiter D., B.S., Kamehameha Schools
Olson, Esther, 224 Lewis St., Duluth, Minn.; Mission Memorial Bldg.
O'Neal, James W., B.S., 516 S. Pine, Cameron, Mo.; 1133 Hassinger St.
Onishi, Katsumi, Pauwela, Maui; Box 96, Aiea, Oahu
Osaki, Kelchi, Pauwela, Maui; 1342 16th Ave.
Ostergaard, Jens M., 2321 Oahu Ave.
Overend, Cecil, 2711 Nuuanu Ave.
Pacheco, Anna T. S., Makawao, Maui
Palmer, (Mrs.) Dorothy M., 1450 Kewalo St.
Register of Students

Parrent, Charles T., Kamehameha Schools
Patrick, Edith S., Waupun, Wis.; Hamakuapoko, Maui
Pearce, (Mrs.) Gladys, 1319 Emma St.
Pelsue, Nancy C., B.A., Mid-Pacific Institute
Phillipps, Katherine L., 1825 Makiki St.
Poka, (Mrs.) Elizabeth, Box 10, Pauwela, Maui; 1337 Fort St.
Post, Maude, Kamehameha Schools
Reeves, LeRoy, Johnson City, Tenn.; Fort DeRussy, T. H.
Rhoads, Elvis B., 3038 Rainbow Drive
Ridley, Reba H., A.B., 4754-A Kahala Road
Riley, (Mrs.) Florence G., 2535-B E. Manoa Road
Roberts, Harlan M., B.A., Kohala, Hawaii
Robinson, Kulamanu L., Paia, Maui
Rodrigues, Ida May, Makawao, Maui; Pearl City, Oahu
Rogers, Vance, A.B., Iolani School
Ross, (Mrs.) Caroline S., A.B., Iona Terrace Drive
Ross, Elma, Cashmere, Wash., Mid-Pacific Institute
Ross, (Mrs.) Ruth Davis, 2610 Kamao Road
Roth, Gretel M., Basel, Switzerland; Palama Settlement
Rowlands, (Mrs.) Gertrude, Kohala, Hawaii
Russell, Shirley H., A.B., 1825 Makiki St.
Sakamoto, Lucy A. P., Makawao, Maui
Samson, (Mrs.) Grace, 1245 Heulu St.
Saunders, Margaret M., Burnside, Conn.; Kamehameha Schools
Sawicki, Charles, Senior Academy, Wilder Ave.
Schutte, Genevieve M., 3823 Pahoa Ave.
Scott, Evelyn Gray, B.S., Bellefontaine, Ohio; 405 Dillingham Bldg., Honolulu
See, (Mrs.) Esther K. R., 914 21st Ave.
Shellhorn, Kathryn, B.S., M.A., Watertown, Mass.; 151 S. Vineyard St.
Shigemi, Dick Katsunari, Makawao, Maui; 1881 N. King St.
Simon, (Mrs.) Lillian H., Kamehameha Schools
Simon, William J., A.B., Kamehameha Schools
Smith, (Mrs.) Enid S., A.B., A.M., 2108 Oahu Ave.
Smith, (Mrs.) Helen F., 2606 Anuenue St.
Smith, Norman C., B.A., 2123 Armstrong St.
Snyder, (Mrs.) Muriel M., 1921 Dole St.
Soderberg, (Mrs.) Greta B., No. 263 Fort Shafter, T. H.
Sousa, Esther F., 1377 Lusitana St.
Spellman, (Mrs.) Alyce M., Walluku, Maui
Spencer, Robert R., A.B., 2212 McKinley St.
Spiegelberg, Carl H., B.S., M.S., MacDonald Hotel
Stanton, Ruth, A.B., Alliance, Neb.; 3473 Harding St.
Stepp, Ida J., 2432 Cleghorn St.
Steward, Cecelia K., Walluku, Maui; 1122 Gulick Ave.
Stirling, Ellen, Pearl Harbor, T. H.
Storey, William B., 1107 Punahou St.
Stubblefield, (Mrs.) Beatrice F., 827 Kinau St.
Sutherland, Alice, B.A., Iolani School
Sylva, Therese K., Hawi, Hawaii; 2020 Kula Rd., Alewa Heights
Takahashi, Hatsuyo D., 125 Prospect St.
Takata, Harry H., B.S., Waimea, Kauai
Tam, (Mrs.) Margaret L., Pauwela, Maui; 2888 Kalihi Road
Tavares, (Mrs.) Unita G., 2305 Oahu Ave.
Taylor, (Mrs.) Vivian, Puunene, Maui
Teller, Margaret C., 2622 Kaapu St.
Thomas, Grace, La Crosse, Wash.; 2639 Manoa Road
Thompson, Carrie A., 2133 McKinley St.
Thompson, Robert R., 916 Lunalilo St.
Thot, Elsa C., Makawao, Maui
Tokimasa, Aiko, 1504 Kaumualii St.
Touai, Saburo, Makawao, Maui
Tsushima, Gempachi, B.A., 732 Winant St.
Tufteleleapaga, Napoleon, Leone, Tutuila, American Samoa; Pan-Pacific Union
Turner, Mordaunt V., A.B., Qtrs. No. 108, Schofield Barracks, T. H.
Tyau, Bartholomew, 2031 Coyne St.
Tyau, Bessie A., 3711 Waialae Ave.
Tyau, Doris C., Makawao, Maui; 942 N. King St.
Tyau, Henry T. Y., Makawao, Maui; 942 N. King St.
Vance, (Mrs.) Agnes B., 425 Lewers Ave.
Van Poole, Glenn McD., Salisbury, N. C.; Naval Air Station, Pearl Harbor, T. H.
Van Vactor, Thelma J., Punahou Schools
Venhuizen, Gladys O., Haiku, Maui
Vierra, Sophie M., Paia, Maui
Vincent, Joaquin, Waiakoa, Maui
Wade, Mary N., Pauwela, Maui
Walker, (Mrs.) Myrtle A., 1235 10th Ave.
Wallace, Marian, Rock Rapids, Iowa; No. 373 Schofield Barracks, T. H.
Ward, Ritchie R., B.S., 1630 Liholiho St.
Warner, Bernice, B.S., 213 Beach Walk
Watson, (Mrs.) Louise W., 2475 Mountain View Drive
Watson, Ruth Lindsay, 2458-A Koa Ave.
Wattles, Thomas L., B.S., 2436-A Cleghorn St.
Weatherbee, (Mrs.) Gladys, 439 Kuamo Street
Weaver, Fern, A.B., 3037 Wheeler St., Berkeley, Calif.; 310-D Ohua Ave.
Weinstein, Israel, 1801 Anapuni St.
Welsh, (Mrs.) Pearl H., Young Hotel
Westendorf, Eleanor, 25 Ocean View Court
Westly, Ella Teal, 2710 Manoa Road
White, (Mrs.) Jane A., 247 Beach Walk
Whittaker, Romaine, Box 393, Schofield Barracks, T. H.
Wilcox, Eleanor K., B.A., Box 2638, Honolulu
Williams, (Mrs.) Edith W., Puunene, Maui
Wing, Winifred E., Kamehameha Schools
Withington, Frederick B., B.A., Kamehameha Schools
Witter, Norma, Hollister, Cal.; 2485-B Kuhio Ave.
Wong, Edith L., 1416-G Lunalilo St.
Wong, (Mrs.) Eva F., Box 2092, Honolulu
Wong, Fannie B., Box 515, Wailuku, Maui
Wong, Gilbert L. H., Box 756, Wailuku, Maui
Register of Students

Wong, Mabel Char, Paia, Maui
Worcester, (Mrs.) Charlotte B., 4477 Kahala Road
Wramy, (Mrs.) Hilda M., Box 116, Kekaha, Kauai; 1954 Metcalf St.
Wright, Jay Stowell, 2159-A Atherton Road
Wright, Martha, B.A., 2162 Atherton Road
Yamamoto, Ethel M., Box 59, Kahului, Maui
Yanagihara, Ichi, 501 Cooke St.
Yap, Hazel, Kohala, Hawaii; 910 5th Ave.
Yap, Mollie M., 1646 Liholiho St.
Yates, (Mrs.) Genevieve, A.B., Country Club Road
Yee, (Mrs.) Alyce Ako, 1641 Nuuanu Ave.
Yee, Margaret T. K., Box 158, Kohala, Hawaii; 3742 Harding Ave.
Yee, Mary K., 2735 S. King St.
Yoshida, Yutaka, Waipahu, Oahu; 2511 Cleghorn St.
Yoshioka, Clarence H., Wailakoa, Maui; 1723 Lewis Ave.
Young, Ah Mee, 1019 8th Ave.
Young, Edmund, 1213 Aala Lane
Zetterberg, Ebba, 1331 Nowewehei St.
## SUMMARY OF STUDENTS

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College of Applied Science:
- Seniors .................................................. 25
- Juniors .................................................. 39
- Sophomores ............................................. 103
- Freshmen ............................................... 141
  — 308

College of Arts and Sciences:
- Seniors .................................................. 32
- Juniors .................................................. 72
- Sophomores ............................................. 171
- Freshmen ............................................... 221
  — 496

School of Education:
- Seniors .................................................. 94
- Juniors .................................................. 100
  — 194
  — 1098

Deduct, Counted Twice................................... 6

Total Degree Candidates................................ 1092

Students Carrying Limited Program* ................... 396

Total ..................................................... 1488

Extension Division Students ............................ 386

Deduct, Counted Twice.................................. 22

Grand Total ............................................. 1852

Summer Session, 1930 ................................... 520

* See Note, page 155.
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