CATALOGUE
AND
ANNOUNCEMENT
OF COURSES
1932 - 1933

MAY, 1932

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UNIVERSITY OF HAWAII
Honolulu

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CALENDAR
1932-1933

1932

June 7  Twenty-first Annual Commencement.  Tuesday
June 29  Summer Session begins.  Wednesday
August 9  Summer Session closes.  Tuesday
August 1  Last day for receiving applications for admission.  Monday
September 6-10  "Freshman Week."  Tues.-Sat.
September 12-13  Registration, Twenty-fifth Annual Session.  Mon.-Tues.
September 14  Instruction begins.  Wednesday
October 1  Last day for receiving applications from candidates for advanced degrees.  Saturday
November 11  Armistice Day.  Friday
November 24-26  Thanksgiving Recess.  Thurs.-Sat.
December 21  Christmas Recess begins.  Wednesday

1933

January 4  Work resumed.  Wednesday
January 23-28  Mid-year examinations.  Mon.-Sat.
January 31  Registration, Second Semester.  Tuesday
February 22  Washington's Birthday.  Wednesday
April 14-15  Good Friday Recess.  Fri.-Sat.
April 15  Last day for receiving requests for examinations for advanced degrees.  Saturday
May 5  Eleventh Annual Contest for Berndt Prize.  Friday
May 27-June 2  Final Examinations.  Sat.-Fri.
June 6  Twenty-second Annual Commencement.  Tuesday
August 1  Last day for receiving applications for admission.  Tuesday
September 5-9  "Freshman Week."  Tues.-Sat.
September 11-12  Registration, Twenty-sixth Annual Session.  Mon.-Tues.
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 12 to January 28, the second semester from January 31 to June 6, and the 1932 summer session is from June 29 to August 9.

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 6-10. 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 Bishop First National Bank of Honolulu, 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 37.
THE BOARD OF REGENTS

The Board of Regents of the University of Hawaii is composed of seven members, five of whom are appointed by the Governor of the Territory for a term of five years, and two of whom are members ex officio: the President of the Board of Agriculture and Forestry, and the President of the University.

Rev. Akalko Akana (1921)*
Kawaiahao Church, Honolulu

Bruce Cartwright (1932)
Board of Agriculture and Forestry, Honolulu

Dr. Charles B. Cooper (1922)
235 South Beretania Street, Honolulu

David L. Crawford (1927)
University of Hawaii

Mary Dillingham Frear (1920)
1434 Punahou Street, Honolulu

Charles R. Hemenway (1910)
Alexander & Baldwin, Ltd., Honolulu

Arthur G. Smith (1918)
Smith, WUd and Beebe, Attorneys, Honolulu

OFFICERS OF THE BOARD
Chairman: Charles R. Hemenway
Secretary: David L. Crawford

DISBURSEMENT OF FUNDS

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 as such shares on the same basis as the states in federal appropriations provided by the several Acts of Congress for the aid of agricultural instruction, extension and research. This money is disbursed by the treasurer of the university upon vouchers approved by the Board of Regents and subject to audit by the territorial auditor as well as by federal officers.

*The figure in parenthesis after the name indicates the year in which service began.
ADMINISTRATIVE OFFICERS

David L. Crawford, M.A., President of the University
2355 Oahu Ave. Hawaii Hall 104

Arthur R. Keller, M.S., Vice President
2456 Oahu Ave. Hawaii Hall 110

Arthur L. Andrews, Ph.D., Dean of the Faculties
2346 Liloa Rise Hawaii Hall 117

Leonora Neuffer Bilger, Ph.D., Dean of Women
2328 Seaview Ave. Hawaii Hall 212

Gerald R. Kinnear, M.B.A., Treasurer
3041 Oahu Ave. Hawaii Hall 107

E. Lowell Kelly, Ph.D., Director of Admissions
1801 Anapuni St. Hawaii Hall 115

Helen B. MacNeil, A.B., Registrar
2010 Hunnewell St. Hawaii Hall 113

Mary P. Pringle, Librarian
Pleasanton Hotel Library 3

Thayne M. Livesay, Ph.D., Director of Summer Session
2638 Kuahine Drive T. C. 119A

Harold S. Palmer, Ph.D., Chairman, Committee on Graduate Study
1450 Kewalo St. Dean Hall 4
COMMITTEES OF THE FACULTY
1931-32


Admissions: T. M. Livesay (Chairman), Deans Keller, George and Wist, E. L. Kelly (Executive Officer).


Convocations and Assemblies: A. L. Andrews (Chairman), A. G. Clarke, B. O. Wist, L. N. Bilger (Secretary) and Mark Westgate representing the students.
COLLEGE OF ARTS AND SCIENCES
Dean: William II. George, Ph.D.

ANTHROPOLOGY:
HARRY L. SHAPIRO, Ph.D., Research Professor of Physical Anthropology, (1930)¹

PETER H. BUCK, D.S.O., M.D., Lecturer in Anthropology and Ethnology.
M.B., Ch.B., Univ. New Zealand, 1904; M.D., Univ. New Zealand, 1910; Fellow of New Zealand Institute; Ethnologist at Bishop Museum.
2739 Terrace Dr.

THOMAS T. WATERMAN, Ph.D., Instructor in Cultural Anthropology, (1931)
A.B., Univ. California, 1907; Ph.D., Columbia Univ., 1914.
1340 Highview Pl. Dean Hall 8

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.
University of Hawaii. Dean Hall 8

FREDERICK S. HULSE, M.A., Research Assistant in Physical Anthropology, (1930)²

MARGARET M. LAM, B.A., Research Assistant in Physical Anthropology, (1930)
B.A., Univ. Hawaii, 1929.
1439 Keaumoku St. Dean Hall 8

ART:
ANNIE C. B. McPHAIL, B.Ed., Assistant Professor of Art and Design, (1931)
B.Ed., Univ. California at Los Angeles, 1925.
Niumalu Hotel Hawaii Hall 216

HUC-MAZELT LUQUIENS, B.F.A., Assistant Professor of Art, (1924)
1646 Bingham St. Hawaii Hall 214

HENRY H. REMPEL, B.Ed., Instructor in Art, (1929)
Absent on leave, 1931-32.

PORTIA N. MINER, B.Ed., Instructor in Art, (1931)
Niumalu Hotel Hawaii Hall 216

¹Indicates date of appointment on the faculty of the University of Hawaii.
²Engaged in research in Japan.
ARTHUR L. ANDREWS, Ph.D., Professor of English twd Dean of the Faculties, (1910)
B.L., Cornell Univ., 1898; M.L., Cornell Univ., 1896; Ph.D., Cornell Univ., 1916; L.H.D., (Honorary), Tufts, 1926.
8366 Liloa Rise, University of Hawaii

ROSS S. BEAN, B.S., Assistant Professor of Botany, (1927)
B.S., Brigham Young Univ., 1921; Graduate Study, Univ. California, 1922-1927.
1716 Hunnewell St.

ERLING CHRISTOPHERSEN, Ph.D., Lecturer in Botany, (1928)
Ph.D., Yale Univ., 1929; Ph.D., Yale Univ., 1924; Botanist at Bishop Museum, Honolulu; formerly at the Royal Frederic Univ., Oslo, Norway.

WILLIAM C. DAVIS, M.S., Assistant in Botany, (1930)
B.A., Iowa State Univ., 1925; M.S., Iowa State Univ., 1930.
2657 Terrace Dr.

MERTON K. CAMERON, Ph.D., Professor of Economics, (1928)
A.B., Princeton, 1908; M.A., Harvard Univ., 1914; Ph.D., Harvard Univ., 1921.
1624 Halekula Way

MATTHEW M. GRAHAM, C.P.A., Professor of Accounting, (1927)
C.A., Institute of Accountants and Actuaries, Glasgow, Scotland, 1904; C.P.A., Territorial Board of Accountancy.
2540 Oahu Ave.

ALVA E. STEADMAN, LL.B., Lecturer in Business Law, (1929)
Lunaliloa, Nuuanu Valley.

WILLIAM H. TAYLOR, B.A., Instructor in Commerce, (1931)
2431 Ala Wai Blvd.

EDWARD J. GREANEY, B.C.S., Special Instructor in Accounting, (1931)
Woodlawn Dr.

ENGLISH:

ARTHUR L. ANDREWS, Ph.D., Professor of English and Dean of the Faculties, (1910)
B.L., Cornell Univ., 1898; M.L., Cornell Univ., 1896; Ph.D., Cornell Univ., 1916; L.H.D., (Honorary), Tufts, 1926.
8366 Liloa Rise, University of Hawaii

CHARLES H. NEIL, M.A., Associate Professor of English, (1921)
B.A., Univ. South Carolina, 1903; M.A., Yale Univ., 1930, Pacific Club.

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.
1624 Halekula Way

MATTHEW M. GRAHAM, C.P.A., Professor of Accounting, (1927)
C.A., Institute of Accountants and Actuaries, Glasgow, Scotland, 1904; C.P.A., Territorial Board of Accountancy.
2540 Oahu Ave.

ALVA E. STEADMAN, LL.B., Lecturer in Business Law, (1929)
Lunaliloa, Nuuanu Valley.

WILLIAM H. TAYLOR, B.A., Instructor in Commerce, (1931)
2431 Ala Wai Blvd.

EDWARD J. GREANEY, B.C.S., Special Instructor in Accounting, (1931)
Woodlawn Dr.
GREGG M. SINCLAIR, M.A., Associate Professor of English, (1928)
2129 Kamehameha Ave.

LAURA V. SCHWARTZ, Ph.D., Assistant Professor of English, (1924)
2726 Hillside Ave.

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

N. B. BECK, M.A., Assistant Professor of English, (1928)
Lanikai

CARL G. STROVEN, M.A., Instructor in English, (1927)
2726 Hillside Ave.

THOMAS BLAKE CLARK, M.A., Instructor in English, (1930)
Moana Hotel

WILLARD WILSON, M.A., Instructor in English, (1930)
301 Saratoga Rd.

GEORGE J. PEAVEY, M.A., Instructor in English, (1930)
A.B., Univ. Denver, 1924; M.A., Univ. Hawaii, 1931.
Mohala Way.

ALICE E. DAVIS, M.A., Instructor in English, (1931)
Ph.B., Univ. Wisconsin, 1927; M.A., Univ. Chicago, 1928.
702 Prospect St.

MURIEL J. BERGSTROM, M.A., Assistant in English, (1931)
4556 Kahala Ave.

GEOGRAPHY:
JOHN WESLEY COULTER, Ph.D., Assistant Professor of Geography, (1928)
B.A., Univ. California, 1919; M.A., Univ. of California, 1921; Ph.D., Univ. Chicago, 1925.
Pleasanton Hotel.

GERMAN:
MARIA HORMANN, B.A., Instructor in German Language, (1927)
Staatsexamen fur Hobere Tochterschulen, Berlin, Germany, 1905; B.A., Univ. Hawaii, 1923.
1036 Green St.

MARGARET O. LECKER, B.A., Assistant in German Language, (1930)
B.A., Univ. Hawaii, 1930; Graduate Study, Univ. Hawaii, 1930-1931.
2241 Liliha St.
HAWAIIAN:

JOHN H. WISE, Professor of Hawaiian Language, (1926)
Oberlin College, 1890-1893.
1910 Fort St. Hawaii Hall 203

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.
Niumalu Hotel Hawaii Hall 116

PAUL S. BACHMAN, Ph.D., Assistant Professor of Political Science, (1927)
2163-A Atherton Rd.

MARY KATHERINE CHASE, Ph.D., Assistant Professor of History, (1929)
2491 East Manoa Rd.

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.
2188 Atherton Rd.

DONALD WINSLOW ROWLAND, Ph.D., Assistant Professor of History, (1930)
A.B., Univ. California, 1925; M.A., Univ. California, 1926; Ph.D., Univ. California, 1930.
2165 Atherton Rd.

ORIENTAL STUDIES:

TASUKU HARADA, D.D., LL.D., Professor of Japanese History and Institutions, (1920)
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 Taung Hua College, Peiping, China, 1913; A.B., Yale Univ., 1917; M.A., Columbia Univ., 1918.
816—10th Ave. Hawaii Hall 215

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.
Faculty

POLITICAL SCIENCE (See History):

PSYCHOLOGY:

THAYNE M. LIVESAY, Ph.D., Professor of Education and Psychology and Director of School of Secondary Education, (1924)
2638 Kuahine Dr.

E. LOWELL KELLY, Ph.D., Associate Professor of Psychology and Director of Admissions, (1930)
B.S., Purdue Univ., 1926; A.M., Colorado State Teachers College, 1928; Ph.D., Stanford Univ., 1930.
1801 Anapuni St.

LORLE S. WEEBER, Ph.D., Assistant Professor of Education and Psychology, (1931)
A.B., Bryn Mawr, 1912; A.M., Bryn Mawr, 1913; Ph.D. Columbia Univ., 1916.
3029 Alapali Pl.

MADORAH E. SMITH, Ph.D., Assistant Professor of Education and Psychology, (1931)
A.B., Fargo College, 1907; Lenox College; Univ. Washington; A.M., State Univ. Iowa, 1918; Ph.D., State Univ. Iowa, 1925.
Donna Hotel

PUBLIC HEALTH NURSING:

MARGARET BERGEN, Sociology
Formerly Director of Social Service Bureau, Honolulu; now Special Lecturer in Sociology, University of Hawaii.
2315 Liloa Rise

FRANK H. GAUDIN, M.D., Child Hygiene
M.D., Univ. Toronto, 1927; Hospital for Sick Children, Toronto, 1928-1930.
2521 Manoa Rd.

GERTRUDE F. HOSMER, R.N., B.S., Public Health Nursing
Diploma, Iowa Methodist Hospital School of Nursing, 1914; Diploma, postgraduate work in children's and infants' diseases, Boston Floating Hospital, 1914; B.S., Columbia Univ., 1925; Diploma in Public Health Organization and Supervision, Teachers College, Columbia Univ., 1925; staff nurse, Chicago Visiting Nurse Asso., 1915-1916; County Public Health Nurse, American Red Cross, Hillsdale, Mich., 1919-1920; Director, Public Health Nursing Asso., Terre Haute, Ind., 1920-1923; Instructor and Supervisor of Public Health Nursing, Peking Union Medical College, 1922-1929; Field Supervisor, Territorial Board of Health, Honolulu, 1929.
2442-C Tusitala St.

E. LOWELL KELLY, Ph.D., Psychology
B.S., Purdue Univ., 1926; M.A., Colorado State Teachers College, 1928; Ph.D., Stanford Univ., 1930.
1801 Anapuni St.

AMY MacOWAN, M.A., R.N., Public Health Nursing
A.B., Beloit College, 1914; Diploma, Presbyterian Hospital School for Nurses, Chicago, 1922; M.A., Teachers College, Columbia Univ., 1926; Red Cross County Nurse, Fillmore Co., Nebraska, 1922-1925; Supervisor of School Nursing, Evansville, Ind., 1926-1929; Instructor in Public Health Nursing, Emory University, Summer Session, 1929; Educational Supervisor, Palama Settlement, 1929.
2011-E Lanihuli Dr.
CAREY D. MILLER, M.S., Food and Nutrition
A.B., Univ. California, 1917; M.S., Columbia Univ., 1922; Graduate Study, Yale Univ., 1928-1929.

MABEL L. SMYTH, R.N., Public Health Nursing
Diploma, Springfield Hospital Training School of Nursing, Springfield, Mass., 1914; Certificate, Postgraduate Work, Public Health Nursing, Simmons College, 1922; Staff Nurse Palama Settlement, Honolulu, 1915-1918; Supervisor, Visiting Nurse Division, Palama Settlement, 1918-1921-1922-1927; Director, Division of Maternal and Infant Hygiene and Supervising Nurse, Territorial Board of Health, 1927-1931; Director, Bureau of Public Health Nursing, Territorial Board of Health, 1931.
1734 Beckley St.

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 Lecture Hall

MARGUERITE C. RAND, M.A., Assistant Professor of Romance Languages, (1931)
B.A., Pomona College, 1919; M.A., Stanford Univ., 1922; Graduate Study, Centro de Estudios Historicos, Madrid, Spain, 1923; Sorbonne, Paris, 1926.
2628 Kuahine Dr.

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.
2422-A Tusitala St.

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 Library 6

ROBERT E. PARK, Ph.D., Research Professor of Sociology*
Ph.B., Univ. Michigan, 1887; M.A., Harvard Univ., 1889; Ph.D., Heidelberg Univ., 1904; Professor of Sociology, Univ. Chicago.
3100 Huelani Dr. Library 6

ANDREW W. LIND, Ph.D., Assistant Professor of Sociology, (1927)
2136 Kamehameha Ave. Library 6

CLARENCE E. GLICK, M.A., Research Fellow in Sociology, (1929)
3100 Huelani Dr. Library 6

MARGARET BERGEN, Lecturer in Sociology, (1929)
Formerly Director of Social Service Bureau, Honolulu.
2315 Liloa Rise Library 6

*Guest Professor, on leave from University of Chicago.
Faculty

LLOYD R. KILLAM, M.A., Lecturer in Sociology, (1927)
A.B., Jewell, 1908; M.A., Brown, 1911; M.A., Columbia Univ., 1927;
Director, Hawaii School of Religion.
3020 Seaview Rise, Woodlawn Haw. School of Religion

ZOOLGOY:
CHARLES H. EDMONDSON, Ph.D., Professor of Zoology,
(1920)
Ph.B., Univ. Iowa, 1908; 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)
2543 Waolani 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.
Absent on leave, 1931-32.

O. WILFORD OLESEN, M.A., Instructor in Entomology and
Zoology, (1931)
2163-B Atherton Rd.

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 Dr.

HAROLD A. WADSWORTH, B.S., Associate Professor of Agri-
culture, (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; Geneti-
cist, A.H.P.C. Experiment Station.
3136 Oahu Ave.

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 Ha-
waii Agricultural Experiment Station.
Expt. Station Reservation,
Tantalus Road

Hawaii Hall 4

Hawaii Hall 2-A

A. H. P. C. Station

Hawaii Hall 8
CARROLL P. WILSIE, Ph.D., Lecturer in Genetics, (1931)
B.S., Univ. Wisconsin, 1926; Graduate Study, Univ. Illinois, 1926-1927; Ph.D., Michigan State College, 1931; Hawaii Exp. Station Agronomist.
2070 University Ave. Hawaii Hall 10

EDWARD M. EHRHORN, Lecturer in Horticulture, (1932)
2245 Oahu Ave. Hawaii Hall 8

CHARLES M. BICE, B.S., Assistant Professor of Poultry Husbandry, (1927)
B.S., Univ. Wisconsin, 1927.
1616 Kewalo St. Poultry Pl.

GEORGE W. H. GOO, B.S., Assistant in Animal Husbandry, (1931)
B.S., Univ. Hawaii, 1929.
1310 Matlock Ave. Hawaii Hall 8

BOTANY:
ROSS S. BEAN, B.S., Assistant Professor of Botany, (1927)
B.S., Brigham Young Univ., 1921; Graduate Study, Univ. California, 1926-1927.
1716 Hunnewell St. Dean Hall 207

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. Wisconsin, 1930.
2211 Mohala Way Dean Hall 203

ENTOMOLOGY:
MERRILL K. RILEY, M.S., Instructor in Entomology, (1929)
B.S., Colorado State College, 1927; M.S., South Dakota State College, 1929.
Absent on leave, 1931-32.

O. WILFORD OLSEN, M.A., Instructor in Entomology, (1931)
2163-B Atherton Rd. Dean Hall 101

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.
205 Lewers St. Gartley Hall 210 A

RICHARD WRENSHALL, Ph.D., Associate Professor of Chemistry, (1919)
Ph.B., Yale Univ., 1911; Ph.D., Yale Univ., 1916.
3545 Woodlawn Dr. Gartley Hall 210

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. Gartley Hall 201
Faculty

W. R. McALLEP, Lecturer on Sugar Manufacture, (1919)
Sugar Technologist, H.S.P.A. Experiment Station, Honolulu.
2031 Vancouver Highway.

GEORGE H. BARNHART, M.S., Lecturer in Sugar Technology, (1931)
B.S., Univ. Hawaii, 1914; M.S., Univ. Hawaii, 1923.
2629 Doris Pl.

GIICHI FUJIMOTO, M.S., Instructor in Chemistry, (1921)
B.S., Univ. Hawaii, 1921; M.S., Univ. Hawaii, 1922.
1524 Farrington St. Gartley Hall 208

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 Univ., 1906; S.M.C.E., Harvard Univ., 1916; M.S., Massachusetts Institute of Technology, 1916.
2456 Oahu Ave. Hawaii Hall 110 Engin. 21

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, 1920.
2356 Waolani St. Engin. 23

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.
945 Alewa Dr. Engin. 27

ERNEST C. WEBSTER, C.E., Professor of Engineering and Mathematics, (1925)
Ph.B., Yale Univ., 1904; C.E., Yale Univ., 1906.
1836 Punahou St. Engin. 15

ALFRED OXLEY GILES, B.S., Assistant in Engineering, (1930)
B.S., Univ. Hawaii, 1929.
Resigned Feb. 1, 1932.

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. Dean Hall 4

HOME ECONOMICS:

CAREY D. MILLER, M.S., Associate Professor of Foods and Nutrition, (1922)
A.B., Univ. California, 1917; M.S., Columbia Univ., 1922; Graduate Study, Yale Univ., 1928-1929.
2627 Kaaipu St. Nutrition Lab.

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.
Macdonald Hotel Hawaii Hall 119
KATHERINE BAZORE, M.A., Assistant Professor of Home Economics, (1929)
B.S., Ohio State Univ., 1917; M.A., Teachers College, Columbia Univ., 1926.
222-D Beach Walk Hawaii Hall 208

HEDWIG S. OTREMBA, B.S., Instructor in Home Economics, (1931)
B.S., Teachers College, Columbia Univ., 1928; Graduate Study, Univ. Hawaii.
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Vienna School of Costume Design, San Francisco, 1912-1916; Fashion Academy, San Francisco, 1924.
Resigned Feb. 1, 1932.

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HOME ECONOMICS:
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B.S., Oklahoma State College, 1917. Beach Walk Apartments. Hawaii Hall 106

MABEL GREENE, County Extension Agent, Honolulu County
New York State Normal; Washington State College; Univ. Hawaii. 998 Spencer St. 248 Federal Bldg., 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

KATHRYN SHELLHORN, M.A., County Extension Agent, East Hawaii County

KIYO ARITA, B.S., County Extension Agent, West Hawaii County

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. Sta. Reservation, Tantalus Road Hawaii Hall 8

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

GERTRUDE M. XAVIER, Stenographer
3951 Kaimuki Ave. Pensacola St. Station

LILLIE FORREST, Stenographer
244 Liliuokalani Ave. Hawaii Hall 8

*Also member of instructional staff.
Hawaii Agricultural Experiment Station

AGRONOMY:
*C. P. WILSIE, Ph.D., Agronomist
B.S., Univ. Wisconsin, 1926; Ph.D., Michigan State College, 1931.
2070 University Ave. Hawaii Hall 10

MAKOTO TAKAHASHI, B.S., Assistant in Agronomy
B.S., Univ. Hawaii, 1926.
2880—3-C Waialae Ave. Hawaii Hall 8

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

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 Dr. Hawaii Hall 4

NOAH K. PEKELO, Farm Superintendent
University Farm

GEORGE W. H. GOO, B.S., Assistant in Animal Husbandry
B.S., Univ. Hawaii, 1929.
1310 Matlock Ave. Hawaii Hall 4

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

*LEONORA NEUFFER BILGER, Ph.D., Head of Special Chemical Research
2328 Seaview Ave. Hawaii Hall 212

DORSEY W. EDWARDS, B.S., Junior Chemist
B.S., Oregon State College, 1930.
1127 Wilder Ave. Pensacola St. Station

*WILLIAM C. DAVIS, M.S., Junior Scientific Aid
B.A., Iowa State Univ., 1929; M.S., Iowa State Univ., 1930.
2657 Terrace Dr. Dean Hall 200 A

HORTICULTURE:
WILLIS T. POPE, D.Sc., Horticulturist
Expt. Station Reservation, Tantalus Road

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

JOHN CASTRO, Plant Propagator
Expt. Station Reservation.

*Also member of instructional staff.
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, 1928-1929.
2627 Kaapiu St. Nutrition Lab.

*CHRISTOPHER J. HAMRE, Ph.D., Histologist
A.B., St. Olaf College, 1923; M.S., Univ. Wisconsin, 1927; Ph.D., Univ. Wisconsin, 1930.
Pleasanton Hotel. Dean Hall 104

RUTH C. ROBBINS, B.S., Assistant, Nutrition Investigations
B.S., Univ. Hawaii, 1931.
2326 Metcalf St. Nutrition Lab.

KISAKO HAIDA, Laboratory Assistant

POULTRY HUSBANDRY:
*CHARLES M. BICE, B.S., Poultry Husbandman
B.S., Univ. Wisconsin, 1927.
1616 Kewalo St. Poultry Farm

FRANK BOTELHO, Foreman, Poultry Plant
University Farm

SOIL PHYSICS:
*HAROLD A. WADSWORTH, B.S., Soil Physicist
B.S., Univ. California, 1916; Graduate Study, Stanford, 1927-1928.
1725 Dole St. Hawaii Hall 2A

EXPERIMENT STATION
ASSOCIATION OF HAWAIIAN PINEAPPLE CANNERS

ADMINISTRATION:
ROYAL N. CHAPMAN, Ph.D., Director
2447 Parker Pl. Adm. Bldg.

HARRY L. DENISON, B.S., Business Manager
B.S., Univ. Hawaii, 1929.

OLIVE S. CUNNINGHAM, Secretary to the Director
Villa Hotel Adm. Bldg.

CLAIRE B. REICHELT, Secretary to the Business Manager
Donna Hotel Adm. Bldg.

EMMA WILSON, Librarian
3807 Maunalou Ave. Adm. Bldg.

MINERVA M. TOWNSEND, Stenographer
3608 Sierra Dr. Adm. Bldg.

KAUI WILCOX SNELL, B.A., Stenographer
B.A., Univ. Hawaii, 1926.
3716-A Sierra Dr. Adm. Bldg.

*Also member of instructional staff.
Pineapple Experiment Station

AUDREY HOOPER, Stenographer

AGRICULTURE:

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

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

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

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

CHEMISTRY:

OSCAR C. MAGISTAD, Ph.D., Chemist
B.S., Univ. Wisconsin, 1922; M.S., Univ. Wisconsin, 1923; Ph.D., Univ. Wisconsin, 1924.
2226 Hyde St. Chem. Bldg.

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

CARL A. FARDEN, B.S., Assistant Chemist
B.S., Univ. Hawaii, 1924.
2306 Marques St. Chem. Bldg.

LILLIAN S. K. LOUIS, B.S., Analyst
B.S., Univ. Hawaii, 1931.
1060 Koko Head Ave. Chem. Bldg.

ENTOMOLOGY:

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

KIYOSHI ITO, B.S., Assistant Entomologist
B.S., Univ. Hawaii, 1929.
2675 Nakooko St. Ent.-Nem. Bldg.

KAY SAKIMURA, Assistant Entomologist
Yamaguchi School, Japan.

JOHN SYDNEY PHILLIPS, M.A., Research Fellow in Entomology

CARL T. SCHMIDT, B.A., Research Fellow in Entomology
B.A., Univ. Minnesota, 1929.
GENETICS:
JULIUS L. COLLINS, Ph.D., Geneticist
B.S., Univ. California, 1918; Ph.D., Univ. California, 1923.
3136 Oahu Ave. Adm. Bldg.

ERNST VON KESSELER, Doctor of Agriculture, Exchange Fellow in Genetics
Diploma, Univ. Bonn, Germany, 1926; Doctor of Agriculture, Berlin, 1939.

KENNETH KERNS, B.S., Assistant Geneticist
B.S., Univ. Hawaii, 1926.
Absent on leave.

NEMATOLOGY:
GEORGE HAROLD GODFREY, Ph.D., Nematologist
B.S., Washington State College, 1913; M.S., Iowa State College, 1917; Ph.D., Univ. Wisconsin, 1928.

HAROLD R. HAGAN, Ph.D., Associate Nematologist
B.S., Utah Agricultural College, 1914; M.S., Harvard, 1917; Ph.D., Stanford, 1929.
Wahiawa, Oahu.

HELENE MORITA ROSHINO, M.S., Assistant Nematologist
B.S., Univ. Hawaii, 1924; M.S., Univ. Hawaii, 1928.
2736 Laniloa Rd. Wahiawa Office

JULIETTE OLIVEIRA, M.S., Assistant Nematologist
1541 Fort St. Ent.-Nem. Bldg.

ERNA B. H. GITTEL, B.A., Assistant in Nematology
B.A., Univ. Hawaii, 1930.

PATHOLOGY:
MAURICE B. LINFORD, Ph.D., Pathologist
B.S., Utah Agricultural College, 1922; M.A., Utah Agricultural College, 1924; Ph.D., Univ. Wisconsin, 1927.

FERDINAND P. MEHRLICH, Ph.D., Assistant Pathologist
A.B., Butler Univ., 1927; Ph.D., Univ. Wisconsin, 1930.

CARL H. SPIEGELBERG, M.S., Assistant Pathologist
B.S., Washington State College, 1924; M.S. Washington State College, 1925.

MARJORIE WEST LORIMER, M.A., Assistant Pathologist

PHYSIOLOGY:
CHRISTOS PLUTARCH SIDERIS, Ph.D., Physiologist
B.C., Samos Lyceum, Greece, 1909; B.S., Univ. California, 1921; Ph.D., Univ. California, 1924.

BEATRICE H. KRAUSS, M.S., Assistant Physiologist
B.S., Univ. Hawaii, 1926; M.S., Univ. Hawaii, 1930.
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. In 1931 the Teachers College was added by the consolidation of the Territorial Normal School with the University’s School of Education. Also, in 1931, the Graduate School of Tropical Agriculture was added.

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.
University of Hawaii

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 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 the 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 cooperative 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.

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, the University Library, and Dean Hall for biological sciences, named for former President Arthur Lyman Dean, were added a few years later.

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.

Residence accommodations on or near the campus include the Charles H. Atherton House, a portion of Mid-Pacific Institute, and two dormitories on the campus with a student dining room.
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 about 65,000 volumes. Extensive collections of important Chinese and Japanese works catalogued in English, are available. In addition there are on the shelves well over 200,000 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 $170,000 over a six-year period to aid research in the racial field, while the Carnegie Endowment for International Peace has made generous 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

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 in part by the scholastic record made in the school or college last attended, partly by a college aptitude examination and partly by ratings of personality traits, ability, and fitness for university work.

The University admits four distinct types of students who are classified as follows: (1) Regular students, (2) Unclassified students, (3) Special students, and (4) Auditors. All candidates for admission to either of the first three classifications must file an application form with the Director of Admissions. Applications should be filed at least two months before the opening of the semester in which the applicant wishes to enroll and the University does not obligate itself to consider applications filed less than thirty days before the proposed date of registration. Requests for application forms and all questions concerning admission should be addressed to the Director of Admissions.

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 49, 54, 63.

1. An applicant may present a record from an approved secondary school showing 15 (or 12) units in approved subjects. Applicants whose high school averages are “B” or better are usually admitted unless they fail seriously in the college aptitude examination or in the English placement examination, in which case they may not be admitted. Applicants whose high school averages are “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.

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.

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

Qualified persons who are unable or who do not care to meet the regular university entrance requirements may be admitted to certain courses as special students. Special students attend classes and take part in the courses for which they are registered but they do not receive university credit for the work done.

ADMISSION OF AUDITORS

Auditors are persons who are permitted to attend certain courses as listeners, not partaking in the class work and receiving no credit. Persons desiring the privilege of attending classes as auditors make application to the Registrar at the time of registration. If the application is granted, the auditor will pay the regular course fee and be issued an auditor's card.

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 43.

THE CURRICULUM

The curriculum of the University is divided between three colleges, the college of Applied Science, including courses in agriculture, engineering, sugar technology, home economics and general science; the College of Arts and Sciences, including courses in natural and social sciences, languages, art, commerce, etc.; and the Teachers College.

Graduate courses are offered and a general program of extension courses.

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 4 grade points are granted when the grade is A; 3 grade points when the grade is B; 2 grade points when the grade is C; and 1 grade point when the grade is D.

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.

*Courses which Auditors may attend are designated in the catalog by an asterisk (*).
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 264 grade points. To receive the degree after failure to graduate because of lack of grade points, a minimum of 30 grade points must be earned in some one semester. Minimum credit requirements vary in the 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, and in the Teachers College 130 credits are required.

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 degree of Bachelor of Education (Ed.B.) is granted upon the satisfactory completion of the regular course in the Teachers College with an additional five-year diploma awarded for the completion of the five-year program.

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.

The Bachelor's degree will be granted only to those who have completed a minimum of 30 semester hours in residence at the University and in addition have either (a) been in full attendance during the year just preceding the granting of the degree (full attendance being understood as a minimum of 14 semester hours per semester) or (b) attended 4 consecutive Summer Sessions just preceding the granting of the degree carrying a minimum total of 24 semester hours during these Summer Sessions, or (c) earned a minimum total of 28 residence credits by carrying not less than 4 semester hours per semester and 6 semester hours per Summer Session in any consecutive combination of two years and two Summer Sessions just preceding the granting of the degree.

Completion of all graduation requirements must be within ten years of the beginning of work in the University of Hawaii, except that students now or previously registered in the University or previously registered in the Territorial Normal School may have the following privilege*:

(a) Any such student who by June, 1932, has completed three full years (96 credits) or more, will be allowed five years from September, 1932.

*Exceptional cases requiring departures from the standard in 1932 and 1933 because of adjustments necessitated by the merging of the Normal School with the University will be handled by a committee consisting of the Dean of the Faculties, the Dean of Teachers College and the Registrar. Such candidates should get in touch with the Dean of the college without delay.
(b) All others will be allowed ten years from the same date.

Not more than 25 per cent of the total credits to be earned at the University of Hawaii for the degree may be Extension course credits and if the residence requirement and the Extension allowance are in conflict the residence requirement shall have precedence.

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:

<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></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUBJECTS STRONGLY URGED</th>
<th>SEMESTER HOURS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A modern foreign language</td>
<td>6 to 12</td>
<td></td>
</tr>
<tr>
<td>Advanced botany or advanced zoology</td>
<td>3 to 6</td>
<td></td>
</tr>
<tr>
<td>Psychology</td>
<td>3 to 6</td>
<td></td>
</tr>
<tr>
<td>Advanced mathematics, including trigonometry</td>
<td>3 to 6</td>
<td></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 Health Department 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) lecture service; (3) publications; (4) educational film service; (5) play loan service; (6) miscellaneous public service.

Extension courses are offered, both on Oahu and on the 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 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 1932 Summer Session, June 29 to August 9, 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 page 69. 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 or 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.

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 correlated with the major as to satisfy the Committee on Graduate Work that the candidate is working with a definite and scholarly purpose.

The graduate student works at first under direction of an advisor and later under the direction of a special committee appointed by the Chairman of the Committee on Graduate Work. The student who desires to earn a Master’s degree will at first be registered simply as a “Graduate Student,” but, normally, will later be admitted to “Candidacy” for the degree. Full time graduate students should make such application during the first semester of their work. Part-time students should make the application after having earned between 8 and 14 of the 30 semester hours of credit that are required. Forms for the application may be had of the Chairman of the Committee on Graduate Work, who, on receipt of the completed application, will appoint a special committee to determine whether admission to candidacy shall or shall not be granted on the basis of a qualifying examination or conference or both.

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 8½ x 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 Uni-
Tuition

versity, 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.

Suitable forms for the reporting of the thesis title and for requesting the final examination may be had of the Chairman of the Committee on Graduate Work.

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, registrations, 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.

TUITION AND OTHER FEES

All students, undergraduate, graduate, extension and auditors, pay a registration fee of $10.00 per semester. In addition, a tuition fee of $3.00 per credit hour is charged all students, including those in extension classes and auditors.

A student activities fee of $13.00 per year, payable at the beginning of the first semester, is collected by the University Treasurer at the request of the Associated Students. The money thus received is paid over to the A. S. U. H. for use in student activities, a portion of this covering the cost of a season ticket for each student to all athletic events, a yearly subscription to Ka Leo, and Ka Palapala.
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 $3.00 per credit hour.

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.

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

The Charles H. Atherton House offers excellent accommodations for 50 men in a fireproof building. A frame building affords residence accommodations for 16 women students, while at Mid-Pacific Institute adjoining the Campus about 40 additional women can be cared for. A student dining room is available for noon luncheon service for all students as well as for general service of those who live on the Campus.

Rates for room and board vary somewhat and detailed information may be obtained by addressing the University Business Office.

Applications for rooms may be addressed to the University of Hawaii.

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 Univer-

*The schedule announced here does not apply to the 1932 Summer Session.
Scholarships

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.

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 Campus Club of the University to deserving and needy young women. Application for this Scholarship should be addressed to the President of the Women's Campus 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.

Chinese Students' Alliance Scholarships—The Chinese Students' Alliance of Honolulu offers four scholarships of $75.00 each to members of the Chinese Students' Alliance who are above Freshman standing in the University. The money is obtained from the annual interest on a building fund.
Maui Hawaiian Women's Club Scholarship.—The Maui Hawaiian Women's Club offers an annual scholarship of $100.00 to a Maui girl of Hawaiian ancestry attending the University of Hawaii.

Ke Anuenue Scholarship.—The sum of $50.00 to be awarded annually to an Hawaiian girl above Freshman standing.

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.

The American Association of University Women 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 publishes a weekly newspaper ("Ka Leo") and an Annual ("Ka Pa-lapala") and supervises, through its Graduate Manager, 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.

Athletic management is controlled by a Board of Athletic Control representing students, Faculty and Administration.

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

Information concerning the many student organizations may be obtained by addressing the Dean of Women.
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 37 and 38 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 50).
(b) have received credit for a minimum of 128 semester hours, and
(c) have gained a minimum of 264 grade points*.

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 to the prescribed courses in Military Drill and Physical Education. Students who have, however, during the preceding semester, gained a minimum of 45 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

* For an explanation of grade points see page 39.
program. To this end he registers in one of the four 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 IV. Economics and Business.

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

PRESCRIBED COURSES

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIRST YEAR</td>
<td>English 100 or 102</td>
</tr>
<tr>
<td></td>
<td>Science*</td>
</tr>
<tr>
<td></td>
<td>Pol. Sci. 150, 151</td>
</tr>
<tr>
<td></td>
<td>Modern Language</td>
</tr>
<tr>
<td></td>
<td>Mil. Sc.</td>
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<td>Phys. Ed.</td>
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<td>Elective</td>
</tr>
<tr>
<td></td>
<td><strong>Semester</strong></td>
</tr>
<tr>
<td></td>
<td>English 130</td>
</tr>
<tr>
<td></td>
<td>Science*</td>
</tr>
<tr>
<td></td>
<td>Modern Language†</td>
</tr>
<tr>
<td></td>
<td>Mil. Sc.</td>
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<tr>
<td></td>
<td>Phys. Ed.</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
</tr>
<tr>
<td><strong>17—18</strong></td>
<td><strong>16—18</strong></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.

GROUP I—SOCIAL SCIENCES

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, Geography, and Psychology.

* Chem. 101 or 102, or Bot. 101, or Zool. 150, 151, or Survey 100, or Psychol. 150, 152. This requirement may be met either in the Freshman or the Sophomore year.

† Unless met by end of Freshman year.
First and Second Years:

- History 100, 124, 125, 140
- Geography 150, 151
- Political Science 170, 171
- Economics 150, 151
- Sociology 150, 151, 160, 161
- Psychology 150

Third and Fourth Years:

- History 220, 241, 243, 244, 245, 247, 248, 253, 276, 291, 310, 327
- Geography 252, 253, 300
- Political Science 200, 252, 256, 261, 270, 273, 330
- Economics 250, 261, 270, 276, 281, 285, 300
- Psychology 280.

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 100, 291; Political Science 170, 200; 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 41.

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 41.

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, 170, 171
- Mathematics 104, 106, 149, 150, 151, 152, 153
- Physics 102, 150, 151, 153

Third and Fourth Years:

- Chemistry 211, 212, 213, 214, 215, 216, 217, 230, 240, 260, 261, 262, 263, 318
- Botany 200, 208, 210, 253, 254, 256, 258, 300, 301
- Zoology 251, 253, 254, 255, 260, 261, 291, 300
- Mathematics 250, 252, 253, 254, 255, 270, 271, 272, 273, 274, 275
- Physics 202, 250, 253, 255, 257, 361
- Geology 252, 253, 255, 256, 261, 300

GROUP IV—ECONOMICS AND BUSINESS

Students desiring a training in Economics and Business will register in this group. During the Freshman and Sophomore years.
University of Hawaii

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. In addition to the above programs of study, a special program designed to meet the need of women who plan to enter the field of business, is offered.

PROGRAMS OF STUDY 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 or 152
Business 150-151 or 152-153.

THIRD AND FOURTH YEARS

BUSINESS MANAGEMENT AND FINANCE

Business 250-251 or 252-253, 255, 260-261, 264, 265, 266, 267, 270-271, 291
Economics 260, 261, 265, 281
English 201.

MERCHANDISING

Art 274
Business 259, 260-261, 264, 270-271, 273, 276, 280
Economics 260, 261, 270, 273
English 201

FOREIGN TRADE

Business 260-261, 264, 270-271, 275
Economics 250, 260, 265, 273, 285
English 201
Geography 252, 253.

ACCOUNTING

Economics 260
English 201.
College of Arts and Sciences

ECONOMICS

Business 255, 260-261, 291
Economics 250, 260, 261, 265, 270, 276, 281, 285
English 201
Political Science and History (6 credit hours)
Sociology (3 credit hours)

PROGRAM FOR BUSINESS WOMEN

Art 274
Business 259, 260-261, 264, 270-271, 273, 276, 280, 291
Economics 260, 281
Political Science and History (6 credit hours)
Sociology (3 credit hours)
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 at least two semesters prior to the time of graduation. 136 credits and 264 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 40).

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**

<table>
<thead>
<tr>
<th>FIRST YEAR</th>
<th>THIRD YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botany 101</td>
<td>Agriculture 250</td>
</tr>
<tr>
<td>Chemistry 101 or 102</td>
<td>Agriculture 251</td>
</tr>
<tr>
<td>English 100 or 102</td>
<td>Agriculture 254</td>
</tr>
<tr>
<td>Mathematics 149 or 150, 151</td>
<td></td>
</tr>
<tr>
<td>Military Science and Physical Education</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SECOND YEAR</th>
<th>FOURTH YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics 102</td>
<td>No required courses, except that major requirements must be satisfied.</td>
</tr>
<tr>
<td>English 120 or 130</td>
<td></td>
</tr>
<tr>
<td>Military Science and Physical Education</td>
<td></td>
</tr>
</tbody>
</table>

Before the end of the Freshman Year, a student must submit for approval, to the Advisor and Dean, a detailed program of courses for the remaining three years, indicating his major objective. The program may be so arranged that a student may elect a very general agricultural course or he may specialize in (a) sugar culture, (b) pineapple culture, (c) livestock, or (d) specially prepare himself for further work in soil or plant science. Students who are interested in teaching agriculture follow the general outline of the course in agriculture and, in addition, during their junior and senior years fulfill certain professional requirements in the Teachers College.

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

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General College courses</td>
</tr>
<tr>
<td>General Agricultural courses</td>
</tr>
<tr>
<td>Major Agricultural Requirement (Not including general courses)</td>
</tr>
<tr>
<td>Free electives—either agricultural courses in other than major branch or general electives</td>
</tr>
</tbody>
</table>

Total requirement | 136 |

* The number of free electives will decrease as the credits in the three groups above are increased.
Students specializing in agricultural education to fit themselves for service under the Smith-Hughes Act of Congress should take certain courses in education as advised by the Advisor and Dean. Students who wish the Secondary School Teaching Diploma must register in the Teachers College for a fifth (postgraduate) year of work.

**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 developing 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><strong>FIRST YEAR</strong></th>
<th><strong>SECOND YEAR</strong></th>
</tr>
</thead>
<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>Mechanical Engineering 150</td>
</tr>
<tr>
<td>English 100 or 102</td>
<td>Mathematics 106</td>
</tr>
<tr>
<td>Military Science</td>
<td>Physics 150, 151</td>
</tr>
<tr>
<td>Physical Education</td>
<td>English 120 or 130</td>
</tr>
<tr>
<td></td>
<td>Military Science</td>
</tr>
<tr>
<td></td>
<td>Physical Education</td>
</tr>
</tbody>
</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 essential 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

<table>
<thead>
<tr>
<th>AGRICULTURAL DIVISION</th>
<th>CHEMISTRY DIVISION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FIRST YEAR</strong></td>
<td></td>
</tr>
<tr>
<td>Botany 101</td>
<td>Botany 101</td>
</tr>
<tr>
<td>Chemistry 101 or 102</td>
<td>Chemistry 101 or 102</td>
</tr>
<tr>
<td>Mathematics 150, 151*</td>
<td>Mathematics 150, 151*</td>
</tr>
<tr>
<td>English 100 or 102</td>
<td>English 100 or 102</td>
</tr>
<tr>
<td>Drawing, M. D. 101</td>
<td>Drawing, M. D. 101 or Art 100</td>
</tr>
<tr>
<td>Military Science</td>
<td>Military Science</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Physical Education</td>
</tr>
<tr>
<td><strong>SECOND YEAR</strong></td>
<td></td>
</tr>
<tr>
<td>English 120 or 130</td>
<td>English 120 or 130</td>
</tr>
<tr>
<td>Chemistry 150, 151</td>
<td>Chemistry 150, 151</td>
</tr>
<tr>
<td>Physics 102</td>
<td>Physics 102</td>
</tr>
<tr>
<td>Civil Engineering 101</td>
<td>Military Science</td>
</tr>
<tr>
<td>Military Science</td>
<td>Physical Education</td>
</tr>
<tr>
<td>Physical Education</td>
<td></td>
</tr>
<tr>
<td><strong>THIRD YEAR</strong></td>
<td></td>
</tr>
<tr>
<td>Agriculture 250, 251, 254</td>
<td>Agriculture 250, 251</td>
</tr>
<tr>
<td>Sugar Technology 201, 253</td>
<td>Sugar Technology 201, 253</td>
</tr>
<tr>
<td><strong>FOURTH YEAR</strong></td>
<td></td>
</tr>
<tr>
<td>Agriculture 252</td>
<td>Sugar Technology 250, 252</td>
</tr>
<tr>
<td>Sugar Technology 250, 252, 255</td>
<td>Sugar Technology 255 or 257</td>
</tr>
<tr>
<td>Economics 150</td>
<td>Economics 150</td>
</tr>
<tr>
<td>Agriculture 252</td>
<td></td>
</tr>
</tbody>
</table>

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.

* Students who offer 3⅔ units of mathematics for entrance will not be required to take mathematics 150, 151, but will ordinarily be expected to elect mathematics 152, 153.
SUGAR-HOUSE ENGINEERING DIVISION

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

**SECOND YEAR**
- Mechanical Engineering 150
- Mathematics 106
- Physics 150, 151
- Chemistry 105, 150
- English 120 or 130
- Military Science
- 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

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. 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.

Students who are interested in teaching home economics follow the general outline of one of the courses listed and, in addition, during their junior and senior years fulfill certain professional requirements in the Teachers College. Students who desire the Secondary Teaching Diploma must register in the Teachers College for a fifth year of work.

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.

**REQUIRED COURSES**

<table>
<thead>
<tr>
<th>HOUSEHOLD SCIENCE</th>
<th>HOUSEHOLD ART</th>
</tr>
</thead>
<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>
</tr>
<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>
</tr>
<tr>
<td>Household Art 112</td>
<td>Household Art 112</td>
</tr>
<tr>
<td>Household Art 150, 151</td>
<td>Household Art 150, 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>
</tr>
</tbody>
</table>

† Suggested electives.
SECOND YEAR

English 120 or 130  
Household Art 114  
Household Science 102  
Art 172, 175  
*Chemistry 105  
†Chemistry 150, 151  
Economics 150, 151  
Physical Education

Third Year

Household Science 200  
Home Economics 250  
Chemistry 260, 263  
Home Economics 252, 253  
Zoology 291  
Electives 6 to 9 credits each semester

FOURTH YEAR

Household Science 251  
Household Science 249  
Home Economics 291  
Electives 10 to 12 credits each semester

The total requirement of credits and grade points as stated on page 54 must be met. The student may elect any subject and offer credits so obtained in order to fulfill the free electives.

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

† Suggested electives.
* First semester only.
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 41). 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:

(a) Mathematics   (b) Physics   (c) Chemistry
(d) Botany        (e) Zoology    (f) Geology
(g) Economics

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
Political Science
150 and 151

*2nd Year
Math. 106
Phys. 102, 150, 151
Chem. 105, 106,
150, 151, 161
Geol. 252, 253, 256
C. E. 101
M. D. 133
Language

†3rd and 4th Years
Math. 250, 252, 253,
254, 255, 270, 271,
272, 273, 274, 275
Chem. 211, 212, 213,
214, 215, 216, 217,
218, 219, 220, 221
C. E. 231, 252, 253,
255
M. E. 252, 282
Geol. 255

or

Political Science
150 and 151

Language

Sugar Tech. 201, 250,
252

History 140

Phys. 202, 250, 253,
255, 257, 351
C. E. 231, 252, 253,
255
M. E. 252, 282
Geol. 255

or

Language

Sugar Tech. 201, 250,
252

History 140

Phys. 202, 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
Political Science 150
and 151

2nd Year
Botany 102, 106, 107, 155, 156
Chemistry 105, 106, 150, 151
Geology 252, 253, 256
Zoology 100
H. S. 102
Psychology 150
Language
or
History 140

3rd and 4th Years
Bot. 151, 153, 156, 200, 209, 210, 253, 254
Chem. 216, 217, 230, 256, 258, 300, 301
Zool. 102, 152, 153, 260, 261, 262, 263
252, 253, 256
260, 261, 262, 263
255, 256
261, 262
261, 262
255, 261
256, 257
250, 254, 255, 260
Agr. 250, 251, 254
261, 291, 300
170, 171, 210, 251, 261, 262
300
254
300
251
301
251

PUBLIC HEALTH NURSING

A special non-degree course covering one year is offered in Public Health Nursing, with the cooperation of Palama Settlement, the Territorial Board of Health and the Social Service Bureau. Enrollment in this course is strictly limited and open only to those who are registered nurses. For detailed information about the course, send for a special announcement.

* 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.
Teachers College has a very definite function, namely, to prepare teachers for the public schools of Hawaii. This college is attempting, in every respect, to provide such education for teachers as will help the public schools to render the most practical and cultural service possible to the people of Hawaii. Its program of work is four years in length for students preparing to teach in the elementary schools and five years for those preparing for the secondary field.

Service to Teachers In the Field

A program of professional preparation for teachers must include, along with courses for prospective teachers, courses for teachers in service. Teachers College offers through the Extension Division of the University, the Evening Session, and the Summer Session, courses designed especially to meet in-service needs.

Admission

In addition to the general University requirements for admission, students entering Teachers College must meet certain standards of health and personality and pass an oral English examination. The number allowed to enter the freshman year is strictly limited in order that those graduated may be reasonably certain of obtaining teaching positions in the schools of the Territory.

Requirements for Graduation

Candidates are recommended for the degree of Bachelor of Education upon satisfaction of the requirements as set forth on page 40* and in addition the following:

(1) A minimum of 130 semester hours of course work
(2) A minimum of 264 grade points (see page 39), and
(3) Prescribed work in various studies in elementary or in secondary education as follows:

ELEMENTARY EDUCATION

Participation and Practice in Teaching.................. 18
Other Education Courses ................................ 15
English ....................................................... 14
Social Science .............................................. 13
Natural Science ............................................ 10
Health and Physical Education ............................. 8
Military Science (men) ................................... 6
Practical Arts .............................................. 4
Fine Arts and Music ...................................... 4

* Exceptional cases requiring departure from the residence requirement in 1932 and 1933 because of adjustments necessitated by the merging of the Normal School with the University will be handled by a committee consisting of the Dean of the Faculties, the Dean of Teachers College, and the Registrar. Such candidates should get in touch with the Dean of the College without delay.
SECONDARY EDUCATION

Participation and Practice in Teaching .................................. 10
Other Education Courses .................................................. 22
English ........................................................................ 12
Social Science ................................................................... 10
Natural Science .................................................................. 10
Health and Physical Education ........................................... 8
Military Science (men) ...................................................... 6
Teaching Fields .................................................................. 20

a. ................................................................................ 20
b. ................................................................................ 20

BASIC COURSES

The courses of the first two years (Freshman and Sophomore) are basic. With the exception of a few electives all students carry the same work. These courses are the following:

FIRST YEAR

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 103</td>
<td>3</td>
</tr>
<tr>
<td>Political Science 150</td>
<td>3</td>
</tr>
<tr>
<td>Political Science 151</td>
<td></td>
</tr>
<tr>
<td>Survey 100 or other Science</td>
<td>3</td>
</tr>
<tr>
<td>Education 100</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education 100 or 101</td>
<td>1</td>
</tr>
<tr>
<td>Military Science (men)</td>
<td>1</td>
</tr>
<tr>
<td>Electives (men, 6; women, 8)</td>
<td>3 or 4</td>
</tr>
<tr>
<td></td>
<td>3 or 4</td>
</tr>
<tr>
<td>Total</td>
<td>17</td>
</tr>
</tbody>
</table>

SECOND YEAR

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 135</td>
<td>3</td>
</tr>
<tr>
<td>Education 180</td>
<td>3</td>
</tr>
<tr>
<td>Education 181</td>
<td></td>
</tr>
<tr>
<td>Education 135</td>
<td>1</td>
</tr>
<tr>
<td>History 135</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education 102 or 103</td>
<td>1</td>
</tr>
<tr>
<td>Biology 135</td>
<td>2</td>
</tr>
<tr>
<td>Military Science (men)</td>
<td>2</td>
</tr>
<tr>
<td>Electives (men, 6; women, 10)</td>
<td>3 or 5</td>
</tr>
<tr>
<td></td>
<td>3 or 5</td>
</tr>
<tr>
<td>Total</td>
<td>17</td>
</tr>
</tbody>
</table>

At the end of the second year a student elects to specialize in either the School of Elementary Education or the School of Secondary Education.
THE SCHOOL OF ELEMENTARY EDUCATION

The School of Elementary Education of Teachers College is organized to provide professional preparation for undergraduates and graduate students who expect to teach in elementary schools. Beyond this, it assists in providing further professional courses for teachers, supervisors, and administrators in service.

The curricula offered by the School of Elementary Education are differentiated from those of the School of Secondary Education at the beginning of the Third Year, the courses of the first two years being required in common by both schools. Students have, therefore, two years of work in the College before they are required to select the school and curriculum in which they wish to do specialized work. The following curricula are offered in the School of Elementary Education:

1. Curriculum for Teachers of the Kindergarten-Primary Years.
2. Curriculum for Teachers of the Intermediate and Seventh and Eighth Years of the Elementary School.

The program of work offered in Teachers College for the preparation of teachers for the elementary schools is four years in length. Upon completion of the prescribed courses, the student is recommended for the degree of Bachelor of Education.

COURSES FOR TEACHERS OF THE KINDERGARTEN-PRIMARY YEARS

THIRD YEAR* (Beginning 1933-34) Fouth YEAR** (Beginning 1934-35)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Sem.</th>
<th>I</th>
<th>II</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 235</td>
<td></td>
<td>2</td>
<td>2</td>
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</tr>
<tr>
<td>English 270</td>
<td></td>
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<tr>
<td>Education 280</td>
<td></td>
<td>2</td>
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</tr>
<tr>
<td>Education 282</td>
<td></td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geography 261</td>
<td></td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arithmetic 250</td>
<td></td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Music 251</td>
<td></td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education 282</td>
<td></td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Practical Arts 250</td>
<td></td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agriculture 270</td>
<td></td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Education 220</td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Sem.</th>
<th>I</th>
<th>II</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 235</td>
<td></td>
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<tr>
<td>Music 251</td>
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<tr>
<td>Education 280</td>
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<tr>
<td>Education 282</td>
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<tr>
<td>Geography 261</td>
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<tr>
<td>Arithmetic 250</td>
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<tr>
<td>Education 285</td>
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<tr>
<td>Education 283</td>
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<tr>
<td>Electives</td>
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<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total                    | 16      | 16   | 16 | 16 |

* One-half of the group will register for courses during the second semester; the other half will do practice teaching (Education 254) during that semester.
** One-half of the group will do practice teaching (Education 254) during the first semester.
### University of Hawaii

#### THIRD YEAR*
(Offered 1932-33 only)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Sem.</th>
<th>Sem.</th>
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<tbody>
<tr>
<td>Education 282</td>
<td>3</td>
<td>I</td>
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<tr>
<td>Education 140</td>
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<td>Education 259</td>
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<td>Education 268</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Education 294</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Education 220</td>
<td>1</td>
<td></td>
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</tr>
<tr>
<td>Health Education 155</td>
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<td></td>
</tr>
<tr>
<td>Geography 162</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Practical Arts 253</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Arithmetic 250</td>
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<td></td>
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<td>Electives</td>
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Total: 16 16

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#### FOURTH YEAR
(Offered 1932-33 and 1933-34 only)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Sem.</th>
<th>Sem.</th>
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</thead>
<tbody>
<tr>
<td>Education 264</td>
<td>3</td>
<td>I</td>
<td>II</td>
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<tr>
<td>Education 267</td>
<td>3</td>
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<td></td>
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<tr>
<td>Education 295</td>
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<tr>
<td>English 265</td>
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<td></td>
</tr>
<tr>
<td>English 274</td>
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<td></td>
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</tr>
<tr>
<td>Electives</td>
<td>8</td>
<td></td>
<td>11</td>
</tr>
</tbody>
</table>

Total: 16 16

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* The Third-Year Kindergarten-Primary group will be divided into three smaller groups, A, B, and C. Group A will comprise those who have completed their practice teaching (Education 264). These students will do the regular course work as scheduled. Group B will teach during the first semester and take the regularly scheduled course work during the second semester. Group C will take the course work of Semester II during the first semester and teach during the second semester.

#### COURSES FOR TEACHERS OF THE INTERMEDIATE YEARS AND THE SEVENTH AND EIGHTH YEARS IN ELEMENTARY SCHOOLS

##### THIRD YEAR*
(Beginning 1933-34)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Sem.</th>
<th>Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 235</td>
<td>2</td>
<td>I</td>
<td>2</td>
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<tr>
<td>English 271</td>
<td>2</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Education 285</td>
<td>3</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Geography 261</td>
<td>3</td>
<td></td>
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<td>Music 250</td>
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<tr>
<td>Social Science 271</td>
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</tr>
<tr>
<td>Art 262</td>
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<td></td>
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</tr>
<tr>
<td>Practical Arts 250</td>
<td>2</td>
<td></td>
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</tr>
<tr>
<td>Agriculture 270</td>
<td>2</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Arithmetic 250</td>
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<td></td>
<td>1</td>
</tr>
<tr>
<td>Arithmetic 251</td>
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<td></td>
<td>1</td>
</tr>
<tr>
<td>Health Education 220</td>
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<tr>
<td>Electives</td>
<td>3</td>
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Total: 16 16

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##### FOURTH YEAR**
(Beginning 1934-35)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Sem.</th>
<th>Sem.</th>
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</thead>
<tbody>
<tr>
<td>English 235</td>
<td>2</td>
<td>I</td>
<td>2</td>
</tr>
<tr>
<td>English 271</td>
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<td></td>
<td>2</td>
</tr>
<tr>
<td>Arithmetic 250</td>
<td>2</td>
<td></td>
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</tr>
<tr>
<td>Agriculture 270</td>
<td>2</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Health Education 220</td>
<td>1</td>
<td></td>
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</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 16 16

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* One-half of the group will register for courses during the second semester; the other half will do practice teaching (Education 264) during that semester.
** One-half of the group will do practice teaching (Education 264) during the first semester.
THIRD YEAR* (Offered 1932-33 only)  

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Sem.</th>
<th>Sem.</th>
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<tbody>
<tr>
<td>English 156</td>
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<td>I II</td>
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<tr>
<td>English 273</td>
<td>1</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>Education 285</td>
<td>3</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>Education 259</td>
<td>3</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>Education 268</td>
<td>3</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>Education 294</td>
<td>3</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>Health Education 222</td>
<td>1</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>Health Education 155</td>
<td>2</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>Geography 163</td>
<td>2</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>Music 253</td>
<td>1</td>
<td>I</td>
<td>I</td>
</tr>
<tr>
<td>Practical Arts 253</td>
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<td>I</td>
<td>I</td>
</tr>
<tr>
<td>Electives (women, 9; men, 10)</td>
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Total 16 16

FOURTH YEAR (Offered 1932-33 and 1933-34 only)  

<table>
<thead>
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<th>Courses</th>
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<th>Sem.</th>
<th>Sem.</th>
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<tbody>
<tr>
<td>Education 264</td>
<td>3</td>
<td>I II</td>
<td>I II</td>
</tr>
<tr>
<td>Education 267</td>
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<tr>
<td>Education 295</td>
<td>3</td>
<td>I II</td>
<td>I II</td>
</tr>
<tr>
<td>English 265</td>
<td>2</td>
<td>I II</td>
<td>I II</td>
</tr>
<tr>
<td>English 274</td>
<td>2</td>
<td>I II</td>
<td>I II</td>
</tr>
<tr>
<td>Electives</td>
<td>8</td>
<td>I II</td>
<td>I II</td>
</tr>
</tbody>
</table>

Total 16 16

THE SCHOOL OF SECONDARY EDUCATION

The School of Secondary Education of Teachers College is organized to provide professional training for both undergraduate and graduate students who expect to teach in secondary schools, and to assist in providing further professional training for teachers, supervisors and administrators in service.

All prospective secondary teachers are expected to enter the School of Secondary Education after the successful completion of the first two years (or the equivalent) in Teachers College.

In keeping with the policy of the Department of Public Instruction of the Territory of Hawaii to give preference to secondary teachers with five years' preparation, the program of work in Teachers College for the training of secondary school teachers is five years in length. Upon the completion of the required work at the end of the fourth year the degree of Bachelor of Education is conferred.

The professional requirements of the third and fourth years are as follows:

**Third Year**
- Education 250
- Education 251
- Education 260
- Education 261

**Fourth Year**
- Education 252
- Education 253
- Education 295

* The Third-Year Intermediate and Upper-Year group will be divided into three smaller groups, A, B, and C. Group A will comprise those who have completed their practice teaching (Education 254). These students will do the work of semester II during the first semester and the work of semester I during the second semester. Group B will teach during the first semester and take the regularly scheduled course work during the second semester. Group C will take the course work of semester II during the first semester and teach during the second semester.
In addition to these specific professional courses each candidate will be required to present a minimum of 20 semester hours in each of two teaching fields selected from the following: Agriculture, Art, Economics and Business, English, Home Economics, Languages, Mathematics, Physical Education, Science, and Social Science.

For the present, prospective teachers of Vocational Agriculture and Home Economics will register in the College of Applied Science, taking such professional courses in Teachers College as are required.

During the fifth year students in the School of Secondary Education will register for Education 340, 350, 351, and 361, and continue their preparation in the teaching fields. The fifth-year course leads to the award of a teaching diploma. The M.A. degree is awarded only to those who have fulfilled the necessary requirements set up by the Committee on Graduate Study.
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.

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 pro-
gram 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.

HAWAII SCHOOL OF RELIGION

The Hawaii School of Religion is affiliated with the University, though independently supported by friends of both the Protestant and Catholic faiths. The School is under the direction of its own board of trustees and conducts its courses on privately owned premises adjoining the University.

The University of Hawaii considers the School as an affiliated unit for instructional service and students of the University taking certain courses therein are credited in the same manner as for regular university courses, provided the student in each case has the approval of his dean.
COURSES OF INSTRUCTION

COLLEGE OF ARTS AND SCIENCES AND COLLEGE OF APPLIED SCIENCE

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 39).

AGRICULTURE

100 Orientation Course

A series of about four 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 credit.

151* Animal Husbandry

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

152 Poultry Husbandry

An elementary course dealing with 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 $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.
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, assigned readings 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; offered in 1932-1933.)

254 Principles of Genetics  Wilsie

A study of the fundamentals of genetics including the principles of Mendelian inheritance, the chromosome theory, linkage, the determination of sex, variation, mutations, and an introduction to the use of biometric methods. Two lectures and one laboratory period per week. Prerequisites: Botany 101 and Zoology 150 or their equivalent. Required of Juniors in Agriculture and Sugar Technology. First 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, problems and recitations. First semester, 3 credits. Alternates with Agriculture 253. (Not offered in 1932-1933.)

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  King

A general study of pineapple production. Prerequisites: Botany 101 and 106, Zoology 150 or its equivalent, Chemistry 101 or 102, and Agriculture 250. Fee $2.00. First semester, 4 credits.
Courses of Instruction

261* Horticulture Ehrhorn
A general study of horticulture with special reference to the fruits and vegetables of the Hawaiian Islands. Prerequisite: Botany 101. Fee $1.00. Second semester, 3 credits.

262 Advanced Genetics Collins
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. Second 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 may be required to work in the capacity of student assistants at the Experiment Station of the Hawaiian Pineapple Canners' Association at Wahiawa, 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.

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. Fee $1.00. 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.

ART

Course 150-151:
Fundamental course upon which all other courses are based.
Prerequisite to all advanced work with the exception of 154-155. Students who apply for advanced standing or for exemption from any art course must submit examples of previous work.

Art Appreciation McPhail, Miner
The study of the elements and principles underlying all art. First Semester, exercises in line, mass, and color harmony to stimulate appreciation. Second Semester, advanced exercises in composing abstract and naturalistic forms. Two periods. Studio. First and second semesters, 2 credits each.
250-251 Art Appreciation and History

Miner

An appreciative study of the origin and development of art with special emphasis on the establishment of a basis of critical judgment. These are survey courses only and do not enter into any period in great detail but touch on architecture, painting, sculpture, and the minor arts of the Orient and the Occident. First Semester deals principally with Europe from early cave painting through Medieval and Gothic. Second Semester covers the Renaissance and the Orient, mostly painting. Lectures, lantern slides, and museum trips. First and second semesters, 2 credits each.

Note: These courses, Art 250-251, are open to all junior students and may be taken in sequence or individually.

Crafts

175 Textile Decorations

Miner

Advanced problems in tie dye, Batik, applique, etc. Prerequisites: Art 150-151. Second semester, 2 credits.

276-277 Stage Craft and Costume

Miner

Art structure as related to the stage. Expression of mood through form and color. Designing of sets and costumes for plays. Construction, manipulation and lighting of miniature sets.

Second semester, various problems of decoration of materials, making of masks and headdresses, properties. Prerequisites: Art 150-151; 154-155. First and second semesters, 2 credits each.

Design

156 Beginning Lettering

Miner

Development of appreciation of the principles of design as they relate to problems of layout. Experimentation with various commercial forms, such as books, business cards, and letter heads; window announcements, magazine layout and advertisements. Pen and pencil. Prerequisites: Art 150-151. (Prerequisites will be waived for students taking Business 273.) First semester, 2 credits.

170 Imaginative Design

McPhail

Originality and power in designing developed through experience with imaginative motifs and fundamental design structure. Prerequisites: Art 150-151. First semester, 2 credits.

171 Industrial Design

McPhail

Designs for specific crafts and industries including pottery, leather, metal, etc. Prerequisites: Art 150-151; 154-155; 170. Second semester, 2 credits.

270 Advanced Composition

McPhail

Creative conceptions of naturalistic forms. Prerequisites: Art 150-151, 154-155, 170. First semester, 2 credits. (Not offered 1932-1933.)
Courses of Instruction

Drawing and Painting

154-155. Freehand Drawing and Beginning Painting  McPhail

Principles of perspective and the development of feeling for fine quality in line and mass drawing of still life, buildings, interiors and furniture. Second semester, representative painting and the study of the technique of water color. No prerequisites. First and second semesters, 2 credits each.

160-161 Painting  Luquiens

Study of naturalistic form and color in oils, emphasizing composition, plane structure and character of subject presented. First semester, still life. Second semester, the living model, head and costume. Prerequisites: Art 154-155. 2 periods. Studio. First and second semesters, 2 credits each.

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. Prerequisite: Art 160-161. Two periods. Studio and outdoor work. First and second semesters, 2 credits each. (Not offered 1932-1933.)

268 Landscape Painting  Luquiens

Basic study of naturalistic landscape in oils, emphasizing composition, color and landscape technique. Prerequisites: Art 160-161. Two periods, out of doors and studio. First semester, 2 credits.

269 Life Class  Luquiens

Drawing and painting from the model, in charcoal; water-color or oils, with a view to establishing a foundation for the imaginative use of the human figure. Prerequisites: Art 160-161. Two periods studio. Studio fee, $4.00, to cover model expense. Second semester, 2 credits.

Illustration and Commercial Art

272 Beginning Illustration  McPhail

Elementary problems in illustration. Prerequisites: Art 150-151, 154-155. First semester, 2 credits. (Not offered 1932-1933.)

273 Book Illustration  McPhail

Illustrations of fables, legends and imaginative tales. Prerequisites: Art 150-151, 154-155, 272. Second semester, 2 credits. (Not offered 1932-1933.)

274 Commercial Art  Miner

Art principles as they apply to such phases of merchandising as newspaper and magazine advertising, window and show case display, clothing, furniture and its arrangement, choice in textiles, color psychology, etc. Designed primarily for students of economics and business. Lectures and lantern slides. Prerequisites, junior standing or consent of instructor for students desiring credit. Second semester, 2 credits.
275 Advanced Lettering

Advanced problems in layout including some work in poster-paint and brush lettering. Prerequisites: Art 150-151, 154-155, 156. Second semester, 2 credits.

Interior Decoration

172 Interior Decoration

A basic study of the arrangement of furniture in relation to wall and floor space, with stress on the color harmony of walls, curtains, floor coverings and furniture. Shop and museum excursions. Prerequisites: Art 150-151. First semester, 2 credits.

173 Advanced Interior Decoration

Original designs for complete rooms, elevations and perspectives in color. Original designs for furniture. The study of period, peasant, Oriental, and modern furniture; its use in the average home. Prerequisites: Art 150-151, 154-155, 172. Second semester, 2 credits.

252G Art Education

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. (Not offered 1932-1933.)

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. Breakage deposit $2.00. First and second semesters, 3 credits each.

102* Systematic Botany of the Flowering Plants

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.
Courses of Instruction

106* 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 offered 1932-1933.)

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. Prerequisites: Botany 101 and Botany 158. One lecture hour and two laboratory periods each week. Fee $3.50. Second semester, 3 credits. (Offered in alternate years. Not offered 1932-1933.)

155* Nutrition of Plants Bean
A course dealing with: viability of the seed; nutrition of the embryo 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 Allen
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 agricul-
ture, 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
Allen
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. 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; given in 1932-1933.)

200 Botanical Problems
St. John, Bean, or Allen
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, breakage deposit $3.50. First and second semesters, 3 credits each.

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

253 Plant Ecology
St. John
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. Two lecture hours and two laboratory periods per week. Second semester, 4 credits. (Offered in alternate years; not given in 1932-1933.)

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 in-
Courses of Instruction

organic 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

A study of the role of the bacteria in nitrogen, carbon, and sulphur processes in the soil, the formation of humus, the decomposition of cellulose 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; Given in 1932-1933.)

300 Botanical Research

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

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.

302 Research in the Botanical Phases of Tropical Agriculture

Open to students in the Graduate School of Tropical Agriculture. Planned for original investigations in tropical botany. Hours and credits to be arranged.

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

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

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

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

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

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.
Courses of Instruction

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, thermochromy, 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. May 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 analysis of such materials as foodstuffs, fertilizers, soils, sugar-house products, water, urine, etc. Prerequisites: Chemistry 101 or 102, 105, 150 and 230. Usually three laboratory periods per week, but hours and credits may be arranged. Fee $3.00, deposit $5.00 per semester.
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.

230 Quantitative Analysis

Fujimoto

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, 1 credit each.

240 Honors Course in Chemistry

Members of the Staff

A student taking this course may work independently on a problem in some one advanced branch of Chemistry, such as advanced Agricultural, Biological, Organic, Physical, or Quantitative Analysis. 3 credits per semester. Prerequisites: Chemistry 101 or 102, 105, 106, 150, 230, 260. Mathematics 152, 153. Physics 102. Parallel courses: Chemistry 211, 212, 214. (Chemistry 260 and 261 may be included.) Fee $3.00; breakage deposit $5.00 per semester. Hours to be arranged.

260 Biological Chemistry

Dillingham

A course consisting of lectures, recitations, and supplementary reading dealing with the chemistry of food constituents, plant and animal life, and nutrition. Prerequisites: Chemistry 101 or 102, and first semester of 105. Three hours classroom per week. First semester, 3 credits.

262 Biological Chemistry Laboratory

Dillingham

A laboratory course covering experimental studies of proteins, fats, carbohydrates, enzymes, milk, urine. To be taken with Chemistry 260, primarily by Agricultural, Chemistry, Home Economics and Pre-Medical students. One laboratory period per week. Fee, $3.00; breakage deposit $3.00 First semester, 1 credit. Prerequisites: Chemistry 101 or 102, 150, 151, and first semester of 105.

261* Agricultural Chemistry

Dillingham

A course consisting of lectures, 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.
### Courses of Instruction

#### 263 Food Analysis  
**Dillingham**  
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, 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

#### 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.

#### 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.

#### 152 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. *(Not offered 1932-1933.)*

#### 250 Economic Problems of the Orient  
**Taylor**  
An analysis and evaluation of some of the more important economic problems of the major oriental countries with special emphasis on Japan and China. Particular attention will be given to economic resources, population pressure, industrialization and trade, transportation and financial problems. Prerequisite: Economics 150-151 or 152. First 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 152. First semester, 3 credits. (Offered in the evening session, 1932-1933.)

261 Public Finance  Taylor

262-263 Practice 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.

265 International Finance  Taylor
International financial problems and policies. Financing foreign trade, principles of foreign exchange, exchange problems arising from varying monetary standards, international loans and reparations are some of the more important topics discussed. Prerequisites: Economics 150-151 or 152 and 260 or consent of the instructor. Second semester 3 credits.

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 152. Fee $1.50. Second semester, 3 credits. (Not offered 1932-1933.)

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 152. Second semester, 3 credits.

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 152. First semester, 3 credits.
Courses of Instruction

281 Labor Problems

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 152. First semester, 3 credits. (Not offered 1932-1933.)

285 Theory and Control of Foreign Trade

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 152. First semester, 3 credits. (Not offered 1932-1933.)

300 Seminar in Economics

Directed reading or research 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 Introduction to Accounting

A brief survey of accounting principles and practices of special interest to students in Engineering and Sugar Technology. Not open to majors in other departments except by consent of the instructor. First semester, 3 credits. (Not offered, 1932-1933.)

150-151 Elementary Accounting

A study of the fundamental principles of accounting supplemented by practice in the solution of problems. Special attention is given to the accounting problems of single proprietorship, partnerships and corporations. Prerequisite: Sophomore standing in the department of Economics and Business or permission of the instructor. First and second semesters, 3 credits each.

152-153 Elementary Accounting

A rapid survey of the same subject matter covered in Business 150-151. Organized primarily for unclassified evening students. Scheduled only in the evening. Credit will not be allowed in both this course and Business 150-151. Prerequisite: unclassified student status or permission of the instructor. First and second semesters, 2 credits each. (Not offered, 1932-1933.)

250-251 Intermediate Accounting

This course is concerned primarily with the balance sheet, its form, content and related accounting problems such as valuation and depreciation. Attention is also given to mergers and the construction of consolidated statements. Prerequisite: A grade of at least "C" in Business 151 or 153 and Economics 150-151 or 152. First and second semesters, 3 credits each.
252-253 Intermediate Accounting Graham

A rapid survey of the same subject matter covered in Business 250-251. Organized primarily for unclassified evening students. Offered only in the evening. Credit will not be allowed in both this course and Business 250-251. Prerequisites: Unclassified student status, a grade of at least "C" in Business 151 or 153 and Economics 150-151 or 152 or consent of the instructor. First and second semesters, 2 credits each.

254 Cost Accounting Graham

An elementary study of cost accounting. Sources of costs, cost units, cost gathering and the use of cost data are some of the more important topics discussed. Scheduled only in the evening. Prerequisites: Business 251 or 253 and Economics 150-151 or 152 or consent of the instructor. First semester, 2 credits. (Not offered 1932-1933.)

255 Analysis of Financial Statements Graham

In this course the balance sheet and profit and loss account are analyzed from the standpoint of the data to be derived from them bearing upon the financial standing of business units as investment and credit possibilities. Scheduled in the evening only. Prerequisites: Economics 150-151 or 152 and Business 150-151 or 152 or consent of the instructor. Second semester, 2 credits. (Not offered 1932-1933.)

256 Income Tax Procedure

Federal and Territorial Income Tax laws and related accounting problems. Problems will be solved and tax returns prepared. Scheduled only in the evening. Prerequisites: Business 251 or 253 and Economics 150-151 or 152 or permission of the instructor. First semester, 2 credits.

259 Office Management Taylor

Office organization and management. Particular attention is given to layout, equipment, record keeping, qualifications of manager and personnel and efficient operation. Prerequisite: Business 151. Second semester, 2 credits.

260-261 Business Law Steadman

This course deals in a general way with the following subjects: Nature and sources of law; judicial procedure; contracts; agency and sales; partnerships and corporations; negotiable instruments; personal and real property; suretyship and guaranty; bankruptcy; insurance. Scheduled in the evening in alternate years. Prerequisite: Junior standing or permission of the instructor. First and second semesters, 2 credits each. (Offered in the evening, 1982-1933.)

264 Business Organization and Management Cameron

General principles underlying the organization and management of business. Some of the topics discussed are, selection of goods, location and size, problems of expansion, legal forms of organization, customer and public relations, capital and labor policies. Prerequisite: Economics 150-151 or 152. Second semester, 3 credits.
Courses of Instruction

265 Corporation Finance

Graham

Problems involved in the financial administration of corporations, such as determination of capital requirements, sources of and devices used to secure capital, marketing of securities, control of capital disbursements, credit and income. Prerequisites: Economics 150-151 or 152 and Business 150-151. Second semester, 3 credits. (Not offered, 1932-1933.)

266 Investments and Investment Banking

Taylor

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, tools of investment, types of investment institutions and their functioning in the process of investment. This course is scheduled in the evening in alternate years as a 2 credit course. Prerequisites: Economics 150-151 or 152 and Business 150-151 or consent of the instructor. First semester, 2 or 3 credits. (Scheduled in the morning, 1932-1933 as a 3 credit course.)

267 Business Cycles and Business Forecasting

Taylor

An analysis of the business cycle; proposed remedies; assumptions and method involved and statistical data used in forecasting the course of the business cycle; forecasting services; applicability of forecasts to specific businesses and localities. Scheduled in the evening only. Prerequisites: Economics 150-151 or 152 or consent of the instructor. Second semester, 2 credits. (Not offered, 1932-1933.)

270-271 Marketing

Taylor

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 152 and Business 150-151. First and second semesters, 3 credits each.

272 Sales Management

Taylor

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 and their training, equipment and compensation, sales conventions and conferences, sales competition and sales budgeting are emphasized. Prerequisites: Economics 150-151 or 152; Business 150-151 and 270-271. First semester, 2 credits. (Not offered, 1932-1933.)

273 Economics of Advertising

Taylor

Economic aspects of advertising. Particular attention will be given to the history and present importance of advertising, methods and media used, agencies and campaigns, costs and their measurement, social and economic effects. Scheduled in alternate years in the evening as a 2 credit course. Prerequisites: Economics 150-151 or 152 and Business 270-271 or consent of the instructor. Second semester, 2 or 3 credits. (Scheduled in the evening as a 2 credit course in 1932-1933.)
275 Technique of Foreign Trade  
Taylor  
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. Prerequisites: Economics 150-151 or 152 and Business 270-271. Second semester, 3 credits: (Not offered, 1932-1933.)

276 Economics of Retail Merchandising  
Taylor  
Retail merchandising from the economic point of view. Topics stressed: Origin of retailing, social function of the retail merchant, development and evaluation of the various retail channels, organization and management of retail business units, retail sales promotion. Scheduled in alternate years in the evening as a 2 credit course. Prerequisites: Economics 150-151 or 152 and Business 270-271 or consent of the instructor. First semester, 2 or 3 credits. (Scheduled in the evening as a 2 credit course, 1932-1933.)

280 Personal Salesmanship  
Taylor  
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 152 and Business 270-271. First semester, 2 credits.

282-283 Practice Salesmanship  
Taylor  
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 280. First and second semesters, 1 credit each.

291 Statistics  
Taylor  
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. (Not offered, 1932-1933.)

300 Seminar in Business  
Cameron, Graham and Taylor  
Directed reading or research work in selected fields. 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.

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
Courses of Instruction

is called upon to make, and plotting from original notes. Text: “Surveying” by Davis, Foote and Rayner. 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

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

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

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: “Surveying” by Davis, Foote and Rayner, 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. Not offered 1932-1933.)

C. E. 227 Surveying

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. Offered 1932-1933.)
C. E. 229* Municipal Engineering

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

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

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, funicula 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: Brown's "Engineering 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. E. 255 Hydraulics

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
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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. 256-257  Stresses in Simple Structures  Keller

Lectures and recitations covering the principles underlying the analysis of stresses in simple structures, including a review of the laws of statics and the application of these laws to the essential fundamentals of the theory of simple structures. Text: Shedd & Vawter's "Theory of Simple Structures." Open to students who have at least junior standing in engineering. Offered in the evening primarily for engineers and practitioners in service. First or second semester, 2 credits.

C. E. 276  Structural Design  Young

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  Young

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  Young

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) Kell

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 accuracy. Text: "Fundamentals of Mechanical Drawing," Kirby. The cost of materials and instruments required is about $30.00. First and second semesters, 2 credits each.

M. D. 133 Descriptive Geometry Hoy

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, Sugarhouse Engineering division. First and second semesters, 2 credits each.
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
Young
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, Physics 102 or 150, 151. Senior Civil Engineers and Juniors in Sugar Technology, Sugar-house Engineering division. First semester, 3 credits.

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 understood 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.

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 engine 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. Prerequisite: M. E. 282. Seniors in Sugar Technology, Sugar-house Engineering division. First semester, 4 credits. (Not offered 1932-1933)

X. E. 253 Materials Laboratory
Keller
Laboratory practice in testing the materials of construction, involving 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 registered in the Colleges of Applied Science and Arts and Sciences who fail to make a satisfactory grade must register in English 50. Courses in English given in Teachers College are professional courses and are open only to students in that college. For list of such courses see page 139.

50 Elementary Composition

An elementary course in composition to be taken by all Freshmen in the Colleges of Applied Science and Arts and Sciences 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

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 expression, but also to a knowledge of constructive principles. Either this course or English 102 is required of all Freshmen in the Colleges of Applied Science and Arts and Sciences. Collateral reading fee $1.00 per semester. First and second semesters, 3 credits each.

100B Composition

This course is essentially a repetition of the first semester of English 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. Collateral Reading fee, $1.00. 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.

103 General English  Coale, Kluegel

This course, required of Freshmen registered in Teachers College, is the first of a series which aims to promote growth in habits of intelligent, enjoyable use of language and literature. The outcome sought through such activity is development in dealing thoughtfully, appreciatively and effectively with common life affairs. The course is professional in the sense that the students are consistently guided in the habit of relating functionally their growth in English background to their general preparation for teaching.

The two years of general English are laid out partly in terms of types of literary expression, such as poetry, the drama, etc., and partly in terms of certain fields of literary interest, such as child life, nature, etc. The historical approach is used where it may enrich insight into present day production.

Practice in meaningful, effective speaking and writing is emphasized. Facility in oral expression is especially encouraged. Shortcomings in technique receive attention as necessary. First and second semesters, 3 credits each.

120 Technical and Business English  Stroven

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  Sinclair

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 Sophomores in the College of Applied Science in place of English 120. First and second semesters, 3 credits each.

135 General English  Coale, Kluegel

This course is a continuation of the basic work outlined for English 103. Consistent progress is expected in such matters as free, effective expression; rich, self-directed reading; thoughtful, refined literary judgment; wide, direct acquaintance with literary materials; and ready cooperation in critical discussions and in other group enterprises which deal with expression and literature. Required of Sophomores in Teachers College. First and second semesters, 3 credits each.
140 Journalism

Wilson

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.

156 General English

Coale, Kluegel

This course is a continuation of the basic work of courses offered in the former Territorial Normal School under the numbers 101, 201, and 301. Students are encouraged to proceed further in the lines of reading and expression which they have already found most valuable to increase their familiarity with useful materials and their control of helpful skills, and to continue their development in principles of literary judgment and artistic expression. First semester, 3 credits.

160-161 Play Production

Wyman

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. 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, ½ to 2 credits each.

176 Child Life in Literature

Coale

This is primarily a reading course in literature—especially poetry, biography, and fiction—which portrays child life. The purpose is to seek a fresh view of diverse childhood experience through the aid of writers who have looked into its realities with unusual clarity and sympathy. The course will offer opportunity also for literary expression dealing with the students' contacts with child life. Designed for students registered in Teachers College. Second semester, 2 credits.
Courses of Instruction

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  Peavey

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. (Not offered 1932-1933.)

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.

209a Public Speaking  Schwartz

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. Extemporaneous speaking is stressed. Given in the evening session, Prerequisite: English 100 for students desiring credit. Credit will not be given for both this course and English 205. First and second semesters, 2 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. Second semester, 2 credits.

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. No credit for students receiving credit for Religion 254. (Not offered 1932-1933.)

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. Book fee, $1.00 per semester. First and second semesters, 3 credits each.

215 Studies in English Biographical Literature Neil

A survey in introductory lectures, of the origin and development of the form, with detailed study of selected biographical writings, memoirs, letters, and journals. Prerequisite: English 130 or equivalent. First and second semesters, 3 credits each.

216 European Masters Sinclair

A study of the writings in translation of sixteen European masters from Dante to Ibsen, including Cervantes, Goethe, Voltaire, Rousseau, Montaigne, Moliere, Hugo, Flaubert, Anatole France, Tolstoi, Dostoevsky, Turgeniev, Bjornson, Strindberg. Lectures; reports. Library fee, $1.00. Prerequisite: English 130 or equivalent. First and second semesters, 3 credits each. (To be offered in 1933-1934).

235 Literature Coale, Kluegel

In this course the round table procedure is used in connection with more or less thoroughgoing reading and writing on questions that concern the group. An attempt is made through the work to promote integration of the artistic and the scientific points of view. First and second semesters, 2 credits each. (Not offered 1932-1933.)

237 The Teaching of English in Secondary Schools Coale

This is a professional course for prospective secondary school teachers of English. It aims to help students realize the place of English in the lives of boys and girls, to understand present conditions and problems in the field, and to organize their own preparation, both professional and personal. First and second semesters, 2 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

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. First semester, 3 credits.

251 The Short Story

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. Second semester, 3 credits.

252-253 Shakespeare

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. (Not offered 1932-1933.)

254 Modern Poetry

A consideration of the most significant contemporary British writers of verse with special reference to recent trends of thought and belief. Prerequisite: English 130 or equivalent. Second semester, 3 credits.

255 The Modern Novel

The novel in England since Hardy. Prerequisite: English 130 or equivalent. Second semester, 3 credits.

256 Essay Writing

Creative writing in the essay form, with collateral reading of representative modern essayists. Prerequisite: English 102 and 130, or equivalents. Second semester, 3 credits.

262 Eighteenth Century

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. Prerequisite: English 130 or equivalent. First semester, 3 credits. (Not offered in 1932-1933.)

263 English Poets of the Age of Romanticism

A study of the representative work of Wordsworth, Coleridge, Byron, Keats, and Shelley as typical of the romantic thought and social ideals of the early 19th century. Prerequisite: English 130 or equivalent. Second semester, 3 credits. Not offered in 1932-1933.)

265 Treatments of Defects in English Usage

The aim of this course is to develop the ability of students to diagnose and to treat such defects in English usage as are found among school children in intermediate and upper elementary grades. Designed for students in Teachers College. Second semester, 3 credits.
The prose and poetic writings of John Milton; the times in which he lived; his philosophy; his contributions to literature and to thought. Prerequisite: English 130 or equivalent. First semester, 2 credits.

The profound changes in political, social, literary, and religious thought as expressed in the prose writings of the time, other than those of Milton. Prerequisite: English 130 or equivalent. Second semester, 2 credits.

A course designed to acquaint the student with the literature, both technological and literary, suitable for children of kindergarten and primary years. Designed for students in Teachers College. First semester, 1 credit. (Not offered 1932-1933.)

A survey of literature suitable to children of the middle and upper years of the elementary school. Designed for students in Teachers College. First semester, 2 credits.

A survey of literature suitable to children of the middle and upper years of the elementary school. Same course as 271, except briefer. Designed for students in Teachers College. First or second semester, 1 credit. (Offered 1932-1933 only.)

In this course examination is made of the possibilities of dramatization in the work of the schools. A critical study is made of conflicting theories and practices in play-making and producing, and the movement of the present time is sought. Designed for students in Teachers College. First semester, 2 credits.

A study of the principles and practices observed in business correspondence. Continual practice in writing business letters dealing with sales, credit, complaints, adjustments, collections, etc. Designed primarily for students in Economics and Business. This course will be followed in the second semester by Business Journalism. Scheduled in the evening session. Prerequisite: Junior standing. Credit will not be given for both this course and English 201. First semester, 2 credits.

A study of the literature of advertising; practice in writing campaign letters, advertising folders and promotion articles; newspaper publicity. Organized specially for majors in Economics and Business. Scheduled in the evening session. Prerequisite: Junior standing. Credit will not be given for both this course and English 201. Second semester, 2 credits.
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300 English Seminar

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
First semester, Boucher-Biggs
Second semester, Rand
Phonetics, dictation, conversation, reading of easy prose and poetry. First and second semesters, 3 credits each.

101* Nineteenth Century French Novel
First semester, Boucher-Biggs
Second semester, Peeker & Rand
Reading of selected masterpieces of Hugo, Daudet, Balzac, Sand and others. Conversation, lectures and essays. Prerequisite: one year of French in college or two years in preparatory school. First and second semesters, 3 credits each.

200* Contemporary French Literature
First semester, Rand
Second semester, Peeker
Critical study of the most modern movement in French prose, with special attention to post-war literature. Texts for use in class are imported directly from Paris. Essays, lectures and discussions 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
First semester, Boucher-Biggs
Second semester, 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. Prerequisite: three years of college French or equivalent. As subject matter is completely changed every year this course may be taken twice for credit. 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. First semester, 2 credits. (Not offered 1932-1933.)

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. Second semester, 2 credits. (Not offered 1932-1933.)
252* Modern French Drama  
Selected plays of Brieux, Hervieu, Rostand, Maeterlinck, Becque, Bernstein, etc. Rapid reading with essays, lectures and discussions. Individual research and reports. First semester, 2 credits. (Not offered 1932-1933.)

253* Advanced French Seminar  
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. Individual research and reports. Prerequisite: three years of college French or equivalent. Second semester, 2 credits.

260-261* Modern French Literature  
Individual research in modern French literature. To be taken only with consent of instructor. Hours and credits to be arranged. (Offered second semester only in 1932-1933.)

GEOGRAPHY

150 Elements of Geography  
Coulter, Jarrett

151 Economic Geography  
Coulter, Jarrett
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.

252 Geography of North America  
Coulter
A survey of the major geographic regions of North America from the standpoint of the relationship between the principal economic activities and the natural environmental complex. Prerequisite: Geography 150 or Geology 252. First semester, 3 credits.

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 Geology 252. Second semester, 3 credits.

262 Geography of Hawaii  
Jarrett
This course is designed especially to help teachers to interpret the economic activities of the people of Hawaii today. It will include a
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study of typical industries of Hawaii, explained partly by environmental conditions as topography, climate, and natural resources, and in part by other factors. A study of the various races in Hawaii will be made with reference to their earlier history in Hawaii and present adjustments to their environment. The relationship between Hawaii and other Pacific countries will also be discussed. Available materials for children for the study of Hawaiian geography will be examined. First or second semester, 2 credits.

300 Geography Seminar Palmer, Coulter, Jarrett
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 Botany 101, Chemistry 101 or 102, Geography 150 and 151, Physics 102, or Zoology 150. 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; offered in 1932-1933.)

261 Crystallography Palmer
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 Palmer
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.
GERMAN

100 Elementary German

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, "Glückauf" (a First German Reader.) Storm, "Immenssee." First and second semesters, 3 credits each.

101 Intermediate German

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.

102 Intermediate Scientific German

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, "German Science Reader." Prerequisite: German 100. First and second semesters, 3 credits each.

200 Advanced German

Rapid reading for comprehension. German classics: Lessing, "Minna von Barnhelm" and "Nathan der Weise;" Schiller, "Wallenstein" and "Don Karlos;" Goethe, "Götz von Berlichingen" and "Egmont;" Bürger, "Balladen." Compositions. This course is conducted entirely in German. (Alternates with German 201; offered 1932-1933.) First and second semesters, 3 credits each.

201 Advanced German

In this course contemporary German literature is read. Compositions 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; not offered 1932-1933.)

202 Advanced Scientific German

An advanced course in German scientific reading with especial stress on sentence construction characteristic of scientific writing. 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

Reading the Hawaiian-English New Testament. First and second semesters, 3 credits each.
Courses of Instruction

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

200 Advanced Course
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
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

100 History of European Civilization
Development of European political, social and economic institutions. First and second semesters, 3 credits each.

124 History of Japan
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
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
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.

220 Modern History of Japan
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

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 History of the United States in the 20th Century

A detailed consideration of the development of the United States from 1900 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. (Not offered 1932-1933.)

244 Diplomatic History of the United States

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

Territorial growth of the continental 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 semester, 3 credits. (Not offered 1932-1933.)

247 The Pacific Region in Modern Times

First contacts of East and West; explorers, traders, and missionaries; international rivalries; recent developments. First and second semesters, 2 credits each. (Not offered 1932-1933.)

248 European Expansion in the Pacific

A survey of the acquisition and development of colonies and dependencies in the Pacific by the European powers. Prerequisites: History 100 or the consent of the instructor. Second semester, 3 credits. (Not offered 1932-1933.)

253 History of Latin America

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. First and second semesters, 3 credits each.

276 History of the Hawaiian Islands

A general course in some detail, with emphasis on the period of the monarchy. Lectures, assigned reading, and exercises. First semester, 2 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 Rowland
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.

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. 240 Household Management Otremba
A study of the practical arrangement, organization, equipment, and care of the house in relation to costs and their contribution to better family life. Similar to course 250 except that it gives more attention to the principles of art structure as applied to the problems of interior decoration. Registration limited to teachers in service. First and second semesters, 2 credits each. (Not offered in 1932-1933.)

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. 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 alms 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. (Not offered in 1932-1933.)

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. Second 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. First semester, 2 credits.

**H.E. 291 Practice Course in Home Management**

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. For Home Economics majors only. Prerequisite: Junior or Senior standing. Fee to be arranged each year. Conferences and laboratory period to be arranged. Second semester, credit to be arranged.

**H.E. 295 Field Practice in Home Economics**

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.

**Household Art**

**H.A. 110 Clothing Construction**

The fundamental processes of technique are taught through the construction of simple dresses and undergarments. Emphasis is placed upon selection, design and the manipulation and fitting of commercial patterns. Lectures, discussions, reports, and laboratory. Required of students in Home Economics. Fee, $3.50 per semester. First and second semesters. 2 credits each.

**H.A. 112 Textiles**

A course designed to give the consumer a knowledge and an appreciation of textiles. A study of textiles from the standpoint of growth, preparation, structure, design and economics. Practical household tests. A brief study of the historical development of the textile industry. Fee, $1.50. Second semester, 2 credits.

**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
Courses of Instruction

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 Dahl

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. 161 Hand Loom Weaving Otremba

The course includes weaving on the four-harness table and foot-power looms; a study of the various types of weaving, especially the Colonial; interpretation and writing of drafts; and a brief study of the history of hand-loom weaving. Prerequisite: Art 150-151. Laboratory fee, $3.00. Limited to 16 students. Second semester, 1 credit.

H.A. 252 Millinery Dahl

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. Laboratory fee, $3.00 per semester. First semester, 3 credits.

H.A. 253 Advanced Dressmaking Dahl

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 Bazore

The selection, preparation and 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, production, 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 2¾-hour laboratory periods. First and second semesters, 3 credits each.

H.S. 150 Elementary Food Preparation Bazore

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.
University of Hawaii

H.S. 200 Nutrition
Miller

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
Miller

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
Miller, Bazore

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
Miller

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

H.S. 254-255 Cafeteria Practice

Special arrangements may be made with a school or commercial cafeteria to give students practical training in buying and cooking food in large quantities and in the management of finances and employees. Prerequisites: H.S. 150, H.S. 102, and H. E. 250, H. S. 200 or H. S. 271. Hours and credits to be arranged.

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. (Not offered in 1932-1933.)
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 1 1/2 hours each week. First and second semesters, 1 credit each.

See pages 59, 60 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 elective 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: Two years of High School Algebra, one year of Plane Geometry, Plane Trigonometry. Solid Geometry is strongly recommended, but not required. 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, determinants, curve tracing, logarithms. Plane trigonometry. Prerequisite: One year of high school algebra, and one year of plane geometry. Six hours a week. First and second semesters, 3 credits each.

150* Algebra and Plane Trigonometry Hoy, Yap

Prerequisites: Two years of High School Algebra and one year of Plane Geometry. First semester, 3 credits.

151* Analytic Geometry Hoy, Yap

Prerequisites: Two years of High School Algebra, one year of Plane Geometry, 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: Two years of High School Algebra, one year of 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
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. (Not offered 1932-1933.)

252* Advanced Calculus and Differential Equations
Prerequisite: Course 106. First semester, not more than 3 credits.

253* Differential Equations
Continuation of Course 252. Second semester, not more than 3 credits.

254 Vector Analysis
Alternates with Mathematics 250. Prerequisite: Mathematics 106. First semester, not more than 3 credits. (Offered 1932-1933.)

255 Vector Analysis
Continuation of Mathematics 254. Second semester, not more than 3 credits. (Offered 1932-1933.)

270-271 Fundamental Concepts of Mathematics
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 construction with the ruler and compasses, leading to the non-Euclidean. Prerequisites: Two years of High School Algebra, Plane Geometry, Trigonometry. First and second semesters, 3 credits each. Alternates with Mathematics 272-273. (Not offered 1932-1933.)

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 Geometry, Trigonometry. First and second semesters, 3 credits each. Alternates with Mathematics 270-271. (Offered 1932-1933.)

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, determinants and differentiation, are some of the topics discussed. An elective course for those majoring in mathematics. 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 physically fit male Freshmen and Sophomores of American citizenship in regular standing in the University are required to enroll in the Basic Course of the Reserve Officers' Training Corps*. In exceptional cases for sufficient reason upon the recommendation of the Professor of Military Science and Tactics, a student may be relieved from such requirement.

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

Basis for calculation of time available for instruction

<table>
<thead>
<tr>
<th>Basis for calculation of time available for instruction</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>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Credits for each semester, 2nd year</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Credits for Advanced Course Camp</td>
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</tbody>
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SUBJECTS AND SCOPE

The First Year Basic Course

<table>
<thead>
<tr>
<th>Subjects:</th>
<th>Hours Allotted</th>
</tr>
</thead>
<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>
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<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>
</thead>
<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>

* Note: This requirement also applies to unclassified students, with not more than sixty-four credits, carrying more than nine credits.
University of Hawaii

The First Year Advanced Course

Subjects: Map reading and sketching 24
Drill and command 50
Machine guns 42
37 MM gun and 3-inch mortar 20
Combat principles 24

The Second Year Advanced Course

Subjects: Military law and O. R. C. regulations 15
Military history and policy 20
Administration 8
Field engineering 10
Drill and command 53
Combat principles 54

MUSIC

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.

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.)
Courses of Instruction

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 and those who have been given special permission by the instructor. Second semester, 2 credits.

Japanese Language and Literature

100 Beginners' 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  
Kunitomo  

240 Japanese Literature  
Harada  
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  
Kunitomo  
Reading in Japanese of representative writers of today. First semester, 2 credits.

252 Seminar in Japanese Classics  
Harada  
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. 98).

History
124 History of Japan (p. 105).
125 History of China (p. 105).
220 Modern History of Japan (p. 105).
241 History of Oriental Religions (p. 106).
291 Chinese Civilization (p. 107).

Political Science
200 Political Problems of the Pacific (p. 120).

Sociology
291 Cultural Contacts in Hawaii (p. 125).
350-351 Some Aspects of Race Contacts in Hawaii (p. 126).

PHYSICAL AND HEALTH 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.
Courses of Instruction

101 Freshman Course (Women)  Faus, Gay, Waterman
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, Waterman
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  Gay
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.

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.

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, Waterman
Optional to all third year women. Three hours of 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, Waterman
Optional to all fourth year women. Three hours of supervised exercise. First and second semesters, one credit each.

220 Physical Education and Health in the Kindergarten-
Primary Years  Waterman
This course deals with the classroom teacher's responsibilities and opportunities in physical education and health of young pupils. It will also give practice in the games and dances of young children. Two hours per week. First and second semesters, 1 credit each.

222 Physical Education and Health in the Intermediate and
Upper Elementary Years  Waterman
A study of what constitutes a proper physical education and health program for children between the ages of 9 and 14. Practice is given in the games and dances of children of these ages. Two hours per week. This course is open to women only. First and second semesters, 1 credit each.

223 Physical Education and Health in the Intermediate and
Upper Elementary Years
This course is similar to 222 except that it will make more of a study of boys' athletics and give practice in these. Open to men only. First and second semesters, 1 credit each. (Not offered 1932-1933.)

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.

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 149, 151, or equiva-
Courses of Instruction

lent. 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.

153 Elementary Radio Eller and Miyake
Prerequisite: High school physics or the equivalent. This course was formerly listed as Physics 103. Two lecture periods and one laboratory period per week. This course is planned to familiarize the student with the theory, design and construction of radio equipment used in the field of broadcasting, particularly broadcast reception. Second semester, 3 credits.

202 Electrical Engineering Eller
Prerequisite: Physics 250. Two lecture periods and one laboratory period per week throughout the year. This is a required course for Senior students in engineering. The first semester work consists of the study of Direct Current circuits and machinery, the second semester being devoted to Alternating Current circuits and 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 comprises the study and measurement of the fundamental electric and magnetic quantities. Second semester, 3 credits.

255 Light Kirkpatrick
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 Kirkpatrick
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.

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.
150 **American Institutions**
George, Bachman
A rapid survey of national and territorial political institutions and problems. Special emphasis on the duties and privileges of citizenship. Library fee $1.00. Required of all Freshmen in Arts and Sciences, and in Teachers College. 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 Sciences and in Teachers College. 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. (Not offered 1932-1933.)

171 **Problems of Democracy**
George
A study of the problems of the modern democratic state; electoral problems; the direct primary, political propaganda, etc. Second semester, 3 credits. (Not offered 1932-1933.)

200 **Problems of the Pacific**
Bachman
A survey of the most important political problems, both national and international, of the nations within the Pacific area. Prerequisites: Political Science 150, 151. First semester, 3 credits.

252 **Constitutional Law 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. First and second semesters, 2 credits each.

256 **American Political Parties**
Rowland
A study in the origins, development, organization and methods of American political parties. Prerequisite: Political Science 171. First semester, 3 credits. (Not offered 1932-1933.)

261 **International Law**
Bachman
The rules governing the intercourse of states in peace and war. Prerequisites: Political Science 150, 151. Second semester, 3 credits. (Not offered 1932-1933.)

270 **The Government of Hawaii**
Bachman
Hawaii and the federal government; the territorial government; the county, and city and county governments; political parties; citizenship in Hawaii; problems of government in the territory. First and second semesters, 2 credits each.

273 **Dependencies of the Pacific**
Bachman
A study of the government of dependencies in the Pacific region. Comparative colonial policies of the United States, Great Britain, France, the Netherlands and Japan. Prerequisites: Political Science 150, 151, or the equivalent. Second semester, 3 credits.
Courses of Instruction

330 Seminar in Political Science  George, Bachman
Open only to graduate students and to special students and upper classmen who have completed at least 15 hours of Political Science. First and second semesters, 2 credits each.

PSYCHOLOGY

150 General Psychology  Kelly
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.

151 Applied Psychology  Livesay
The application of psychological principles to practical situations of life. Special attention given to the application in industrial, business, legal, and medical fields. Prerequisite: Psychology 150 or the equivalent. Second semester, 3 credits.

152 Experimental Psychology  Kelly
A laboratory course dealing with the application of the experimental method to collection and treatment of psychological data. Selected experiments and demonstrations of apparatus. Registration only by permission of instructor. Fee $3.00. Second semester, 3 credits.

200 Reading or Research  Staff
Certain selected undergraduates may register under this number for special work on a research problem or intensive reading in some field of individual interest. Registration only by permission of staff member concerned. Either semester, credit to be arranged.

250 Educational Psychology  Livesay
This course deals with psychological principles underlying the educative process, and includes such topics as native endowment, transfer of training, individual differences, sex differences, habit formation, the role of instincts in education, etc. First semester, 3 credits.

252 Racial Psychology  Porteus
This course will deal with the relation between intelligence and racial differences as revealed by investigation of the mentality of racial groups, with particular reference to the situation in Hawaii. In addition, attention will be given to the social customs, organization, and characteristics, and the effect of physical environment upon the racial psychology of a primitive race. First semester, 2 credits.

267 Psychology and Treatment of Exceptional Children  Smith
A study of the psychological and educational aspects of the problems presented by the various types of exceptional children, including family and developmental history, case studies, and detailed consideration of special experiments and of curriculum matters. Second semester, 3 credits.

268 Mental Hygiene  Smith
A study of the factors that determine personality and the conditions requisite to the preservation of mental health and the avoidance of mental illness. Special emphasis is laid on those principles that may guide in the care and education of the child in accordance
with mental hygiene, and on methods of studying the maladjusted child. Second semester, 3 credits.

280 Social Psychology
Livesay
The psychology of human relations. A survey of the various psychological factors which operate to determine the behavior of an individual in his many social relationships. First semester, 3 credits.

300 Reading or Research
Staff
An opportunity is offered for qualified graduate students to work on research problems or do intensive reading in some field of Psychology. Registration allowed only after consultation with the staff member concerned. Either semester, 1 to 3 credits, depending upon the value of the work.

351 Advanced Educational Psychology
Livesay
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
Smith
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. First semester, 3 credits.

382 History of Psychology
Kelly
A resume of the development of psychology from ancient to modern times. Attention will center around the various viewpoints which have been held as to mental life, and the outstanding personalities in the field. Registration only by permission of the instructor. First semester, 2 credits.

395 Modern Viewpoints in Psychology
Kelly
A survey of the various viewpoints as represented in the writings of contemporary psychologists. Registration only by permission of the instructor. Second semester, 2 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.

100-101 Fundamental Problems
Thomas
In this general course an attempt will be made to consider the contribution of religion, art and morals to human happiness. Open to Freshmen and Sophomores only. First and second semesters, 1 credit each.
204-205 History of Philosophy

An investigation of philosophical systems as to origin, development and mutual relation, selection being made from the four great periods designated as (1) Indian and Chinese, (2) Greek and Latin, (3) Patristic and Medieval, and (4) Modern European. First and second semesters, 2 credits each. No credit for students receiving credit for Religion 234-235.

216-217 History of Christianity

An historical perspective of the Christian movement with special emphasis upon the formative period of the Church in the first century and its present period of world-wide contact with various ideals and cultures. First and second semesters, 2 credits each.

234-235 Comparative Philosophy

A comparison of representative philosophers of East and West by an analysis of their underlying motives arising from various cultural and personal factors, according to recent psychological method. First and second semesters, 2 credits each. No credit for students receiving credit for Religion 204-205, or 260. Prerequisite: One year of university work.

240-241 Constructive Philosophy

Designed to help the student philosophize through an understanding of the task of philosophy as a whole. Includes a survey of morals, science and art at the technical level of human culture, and of ethics, metaphysics and esthetics at the critical level. Special attention to the function of religion, education and logic as developing a method for attaining the best life. First and second semesters, 3 credits each. Prerequisite: 2 years of University work; after 1932-1933, Religion 204-205, 234-235, or 260.

250 Principles of Religious Education

The application of present-day educational principles to the field of moral and religious endeavor in family and church, including a study of human nature, ultimate and immediate aims, and the content of the curriculum. First semester, 2 credits.

251 Methods of Religious Education

The application of present-day educational methods to teaching, administration and leadership in Sunday School, Week-day Religious Education, Vacation Bible School and other institutions. Second semester, 2 credits.

252 Life of Jesus

A study of the social conditions preceding and during the life of Jesus, a consideration of the historicity of the records, and a presentation of events in accordance with scientific and philosophic standards. First or second semester, 3 credits.

254 Historical Development of the Bible

A survey course designed to acquaint the student with the facts which historical, archeological and literary research have discovered regarding the origin and development of the Hebrew and Christian scriptures in various countries. First semester, 2 credits. No credit for students receiving credit for English 213.
260 Christian Philosophy

An attempt to understand and evaluate the views of world-famous philosophers, and to harmonize these views with the teachings of Jesus critically interpreted. The philosophers selected are Confucius, Gautama, Socrates, Sankara, Spinosa, Marx and Dewey. First or second semester, 2 credits. No credit for students receiving credit for Religion 234-235.

SOCIOLOGY

150-151 Introduction to the Study of Sociology

An orientation course. The origin and development of the moral order. The role of the family in primitive and modern society. Taboo, magic, and religion. The political order including the evolution of warfare, slavery, tribute, classes and castes. The competitive order. Division of labor and exchange. The application of sociological concepts to local and to world problems of social relations. Lectures, readings, discussions, and field study. Fee, $1.00. First and second semesters, 3 credits each.

160-161 Methods in Social Case Work

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 those 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

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. (Not offered in 1932-1933.)

262 Social Origins

An investigation of types of primitive social organization; the modes of life and social institutions of primitive man. Consideration of totem and taboo; marriage, the family, and sex mores in pre-literate groups; religion and magic; primitive justice; the institution of property; race, language and culture. The course is designed to give the student an acquaintance with the evolutionary character of social processes. Lectures, discussion, special reports. Prerequisite: Sociology 150. First semester, 3 credits. (Not offered in 1932-1933.)

264 Social Control

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. (Not offered in 1932-1933.)
Courses of Instruction

267 The Family

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.

268 Human Migrations


269 Personality and Culture

The origin and development of personality through cultural contacts. Personality as the role of the individual in the group. The function of communication. Human nature and the mores. Personal and social disorganization. The study of the person and the group through ethnological, autobiographical and clinical materials. Prerequisite: Soc. 150-151. Fee, $1.00. Second semester, 3 credits.

270 Population

The significance of the variation of populations for the economic conditions and the social life of people. Theories of the quality of population classes, races and peoples; also quantitative studies in the characteristics of populations. Heredity and social heritage; racial abilities; immigration; differential birth and death rates; age and sex; marriage and divorce. Prerequisite: Sociology 150. First semester, 3 credits. (Not offered in 1932-1933.)

276 Principles of Sociology

Admission by special permission. First semester, 3 credits.

291 Cultural Contacts in Hawaii

Adams

How the contacts were established. Social inheritances of the various peoples. The tendency of old culture elements to persist. Social change and inter-acculturation. Interracial marriage and the amalgamation of the peoples. Social factors which facilitate or retard the rate of acculturation and amalgamation. Recent trends. Lectures, readings, discussion. Second semester, 3 credits. (Not offered in 1932-1933.)

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. Readings. 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

Park, 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. First and second semesters, 2 credits each.

SPANISH

100* Elementary Course

Rand

Conversation and dictation. Both Castilian and Latin-American pronunciation taught. Texts: Coester's Spanish Grammar; Padre Isla's "Gil Blas de Santillana"; Dorado's "España Pintoresca"; Alarcón's "El Capitán Veneno"; Gutiérrez' "El Trovador"; Crawford's Spanish Composition. First and second semesters, 3 credits each.

101* Contemporary Spanish Literature

1st Sem. Rand, 2nd Sem. Pecker

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

Rand


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.

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. (Not offered 1932-1933.)

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. (Not offered 1932-1933.)
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

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 polariscope 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

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 252. Seniors in Sugar Technology. First semester, 1 credit.

252 Sugar Manufacture

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 Juniors and Seniors in Sugar Technology. Prerequisite or Parallel: S. T. 201. Three hours a week classroom. First semester, 3 credits. (Alternate years; offered in 1932-1933.)

253 Summer Practice

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 con-
ditions. 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

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

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 A Survey of the Natural Sciences

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, and (b) the Language, Literature and Art groups of the College of Arts and Sciences, and (c) Freshmen in Teachers College. (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

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 Edmondson

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 Ostergaard

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 Edmondson and Hamre

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 Edmondson and Hamre

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 Hamre

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 Hamre

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.

170 General Entomology Riley

A study of the structure, habits and classification of insects. Prerequisites: Zoology 150 and 151 or Botany 101. Two hours
recitation and one laboratory period. Fee $2.00. First semester, 3 credits.

171 Economic Entomology

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 170. Two hours recitation and one period laboratory. Fee $2.00. Second semester, 3 credits.

210 Biological Seminar Zoological and Botanical Staffs

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

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 of the germ cell and the recent methods of experimentation. Prerequisites: Zoology 150 and 151. Open to Junior and Senior students. Hours to be arranged. Second semester, 1 credit.

253 Parasitology

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.

254 Insect Morphology

Comparative and gross morphology of insects with special attention to structures emphasized in economic and systematic entomology, and to the development, reproduction and homologies of the various groups of insects. Prerequisites: Zoology 170 and 171. One recitation and two laboratory periods a week. Fee $2.00. First semester, 3 credits.

255 Systematic Entomology

History, nomenclature, classification and taxonomic practice. Students may select a particular group and make a private collection. Prerequisite: Zoology 254. One recitation and two laboratory periods a week. Fee $2.00. Second semester, 3 credits.

260 General Nematology

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.

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.
TEACHERS COLLEGE

(Certain required and elective courses are not included among the following descriptions for the reason that they are offered by other colleges and departments. Descriptions of these courses will be found elsewhere in this bulletin.)

Because of the professional nature of Teachers College courses, registration is restricted to Teachers College students except in cases where the student in another college secures permission of his dean and the dean of Teachers College.

AGRICULTURE

270 School and Home Gardening McCluskey
A course for elementary teachers. It is designed to develop ability to conduct home and school garden projects. The course includes a brief study of fertilizers, insect control, and plant propagation. First or second semester, 2 credits.

272 Teaching Agricultural and 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. (Not offered 1932-1933.)

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-recitations per week. First semester, 3 credits. (Not offered 1932-1933.)

ARITHMETIC

250 The Teacher's Financial Problems McCluskey
A course designed to give the prospective teacher a background of information on such subjects as the handling of a personal checking account, simple accounting and budgeting, the Territorial Employees' Retirement System, etc., along with increased skill in the arithmetic involved. A considerable amount of attention is given to a study of investment of savings. First or second semester, 2 credits.

251 The Fundamental Processes of Arithmetic Traut
A course which gives acquaintance with the diagnostic and practice materials now available and also such drill as is needed in the various operations. Each student is given an opportunity to find and remedy his own weaknesses. First or second semester, 1 credit. (Not offered 1932-1933.)
Courses of Instruction

ART

261 Art for Kindergarten-Primary Teachers
The course makes a study of the various types of art activities, freehand and constructive, suited to the growth of creative ability in the fine arts as a part of the daily interests of children in the kindergarten and primary years. Four hours of class work per week. First or second semester, 2 credits. (Not offered 1932-1933.)

262 Art for the Intermediate and Upper Elementary Years
A course similar to 261 except that the types of art activities to be examined and practiced will be for more mature children. There will be reading and discussion in the theory of public school art. Four hours of class work per week. First semester, 2 credits. (Not offered 1932-1933.)

264 Art Values in Home and Community
Art related to the practical problems of home and community life, illustrated by examples of architecture, crafts, house furnishings, textiles, costumes, paintings, etc. There will be field trips, reading, discussion and experiments. First or second semester, 2 credits.

291 Teachers' Course in Art
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.

BIOLOGY AND NATURE STUDY

135 Biology
The emphases in this course will be of two kinds. In the first semester chief attention will be given to the nature-study aspect of biology. The concern will be largely with first-hand observation and study of selected Hawaiian plant and animal forms in their natural environment. Ecological problems will receive attention. In the second semester emphasis will be given to those biological questions which contribute most directly to the explanation of behavior and thus form a biological basis for the understanding of human behavior on the psychological level. First and second semesters, 2 credits each.

150 Nature Study
This course is offered (1) for those who wish to do work in this field in addition to the nature study done in 1930-1931 in the former Normal School program of courses, and (2) for those who in 1932-1933 and thereafter will be taking or will have taken Biology 135. The course will include study of the place of nature study in the schools and of theories as to how it should be taught. Three hours of class work per week. First or second semester, 2 credits.

EDUCATION
Basic Courses

100 Introduction to Education McCluskey, Sayers, Tanner
This course is the first of a series of three which form a core of professional work running through the first two years of the stu-
dent's program. These courses are constructed around practical professional problems beginning with those closest to the entering student and remaining as far as possible from the student's point of view practical and significant throughout. The instructor in charge of a particular section is responsible for undertaking to stimulate and help individual students to integrate their various college experiences around their professional interest. This particular course and those of the series following are intended to be unifying professional courses. It is desired that students go freely to their education instructors with their professional problems of all sorts. First and second semesters, 3 credits each.

180 Problems of Human Behavior
Smith
The emphasis in this course is upon the adjustive and social nature of behavior. The nature of habit is studied. The student is introduced to the problems of mental hygiene and social psychology. The course is continuous with 100 described above. First semester, 3 credits.

181 Problems of Educational Method
Peterson, Sayers
The problems dealt with in this course will be centered for the most part around such matters as differing conceptions of the meaning and place of "learning," concern for the "whole" child, thinking as method, care for individual differences, meaning and place of "subject matter." The course is continuous with 100 and 180. First or second semester, 3 credits.

Comparative Education and Curriculum

140 Kindergarten Procedure and Materials
Lawrence
A study is made of the various types of play materials and their relative values in the education of young children; of the methods of using these by working with the materials and observing children at work; of the educational principles involved, so that the student may understand not only the selection and handling of such materials but the habits, knowledge, and skills derived from their use by children; of the equipment of a kindergarten from the standpoint of the children's needs. First semester, 2 credits.

259 Comparative Practice in the Elementary Schools of the United States
Peterson
A study of the varying educational practices in the United States. The class will examine descriptive literature of the different types of schools of the country with a view to understanding the different ways in which these schools conceive the nature of learning and teaching and the function of the schools. Second semester, 3 credits.

280 The Kindergarten Curriculum
Lawrence
The course is given to a study of the principles that determine the selection of subject matter and the organization of the modern kindergarten curriculum. Some attention is given to the evolution of the modern kindergarten-primary curriculum. First semester, 2 credits. (Not offered 1932-1933.)

282 The Primary Curriculum
Smith
In this course students work upon the problems of curriculum making in the classroom. An examination is made of a wide range of reported activities and an attempt is made to draw up a set of
Courses of Instruction

guiding principles for originating and developing activities. The
volume entitled “Activity Program for the Primary Years,” published
by the Department of Public Instruction is critically examined. First
or second semester, 3 credits.

285 The Elementary School Curriculum  Peterson, Sayers

This course deals with the most technical problems with which
the teacher has to work—those of curriculum building in the class-
room. Criteria are formulated, and criticisms of various present
practices are developed. Contrasting daily and weekly schedules
are examined. The difficulties and dangers of the “activity” pro-
gram are studied. First semester, 3 credits.

293 Comparative Educational Practice  Peterson

This course will include an examination of the growing field of
literature descriptive of school practices in the so-called New Schools
abroad and in America. Attention will be given to such school pro-
cedures in America as the Winnetka, Dalton, Francis W. Parker,
Lincoln, and many others including Hanahauoli and Kawananakoa.
Study will be made of the newer schools of Germany, Russia, and
Austria. First semester, 3 credits. (Not offered 1932-1933.)

Educational Psychology

250 Educational Psychology  Livesay

This course deals with psychological principles underlying the
educative process, 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.

267 Psychology and Treatment of Exceptional Children  Smith

A study of the psychological and educational aspects of the prob-
lems presented by the various types of exceptional children, includ-
ing family and developmental history, case studies, and detailed
consideration of special experiments and of curriculum matters.
Second semester, 3 credits.

268 Mental Hygiene  Smith

A study of the factors that determine personality and the con-
ditions requisite to the preservation of mental health and the avoid-
ance of mental illness. Special emphasis is laid on those principles
that may guide in the care and education of the child in accordance
with mental hygiene, and on methods of studying the maladjusted
child. First or second semester, 3 credits.

351 Advanced Educational Psychology  Livesay

The application of experimental evidence in the field of psych-
ology to the major educational problems. Attention will be given to
the bearing of recent psychological theories upon education. Regis-
tration only by permission of instructor. Second semester, 2 credits.

361 Mental Deficiency and Abnormality  Smith

A consideration of the causes and principal types of deficiency
and abnormality with suggestions for appropriate educational treat-
ment. This course is designed to aid teachers and administrators
in recognizing subnormal and neurotic children, and in making the
proper educational adjustments. Registration only by permission of
instructor. First semester, 3 credits.
371 Experimental Child Study

The course offers to qualified students an opportunity to do experimentation in the field of child psychology. Credit: 2 to 3 hours, according to amount of work done. Second semester.

Educational Philosophy and Method

251 Principles of Secondary Education

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: Education 250. Second semester, 3 credits.

252 Principles of Teaching in Secondary Schools

The 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. First semester, 3 credits.

271 Principles of Vocational Education

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. (Not offered 1932-1933.)

340 Philosophy of Education

During the first semester the work of the course consists of a re-examination of certain basic philosophic questions the answers to which constitute the viewpoints which guide in the solution of problems of policy in education. The second semester will be given to an attempt to construct a working theory of education—of administration, curriculum, method—which will serve best in democracy. Registration only by permission of the instructor. First and second semesters, 2 credits each.

History of Education

295 History of Education in the United States

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 in the School of Elementary Education the first semester, and to seniors and graduate students in the School of Secondary Education the second semester. First or second semester, 3 credits.

350 History of Education

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 the influences responsible for the modern school systems. Registration only by permission of instructor. Second semester, 3 credits.
Courses of Instruction

Measurement and Research

260 Statistical Method  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. May be elected by students in the other colleges. First semester, 3 credits.

261 Educational Measurements for Secondary Teachers  Smith
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. Second semester, 3 credits.

262 Educational Measurements for Elementary Teachers  Smith
An introduction to achievement tests and testing. Something of the history and meaning of the testing movement is studied. The place of tests in an "activity" school is investigated. First or second semester, 2 credits.

300 Reading or Research  Staff
An opportunity is offered for qualified graduate students to work on research problems or do intensive reading 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 work.

360 Advanced Statistical Method  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. (Not offered 1932-1933.)

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.

Educational Sociology

291 Adult Education  Tanner
A study of the movement, its significance for the times, and the problems of administration it raises. Considerable attention is given to the possibility of the development of a territory-wide program of adult education in Hawaii, and to agencies, such as the parent-teacher association, available for aiding the organization of the program. Open as an elective to seniors and graduate students. Second semester, 2 credits.

294 Educational Sociology  Tanner
It is the purpose of the course to examine, so far as time allows, those factors and situations within the contemporary school and community which play a large part in influencing man's be-
behavior, in order to discover the conditions within which a genuine education may be envisaged and, it may be, eventually developed. First or second semester, 3 credits.

Educational Administration

264 Elementary School Organization and Management

Sayers, Tanner

A study of organization, business administration, and supervision of the work of the modern elementary school. The course will deal with such matters as the programming of work, administration of library facilities, school government, extra-curricular activities, handling of records and reports, classification, handling of problem cases, parent-teacher association work, organization for curriculum making. First semester, 3 credits.

273 Visual Aids in Teaching

Vernon

Study of the use of pictures, charts, lantern slides, motion pictures and other visual aids in teaching. Study of stereopticons, motion picture and still film projectors. First or second semester, 2 credits. (Not offered 1932-1933.)

363 Educational Administration

Wist

This course is designed for both teachers and prospective administrators in elementary and secondary education. Among the problems to be studied are the following: organization and administrative control in a state or territorial system; centralization in administration; taxation for school support; the development of curricula; control and development of libraries and classroom reading materials; personnel relations within a system; classification of pupils; records and reports, and other problems of interest. Registration only by permission of instructor. Second semester, 3 credits.

Practice Teaching

135 Participation in Teaching

McCluskey

Students are assigned as assistants to classroom teachers in Kawanakaoa Experimental School and other schools for two hours a week of participation and observation. The course serves two main purposes—first, to give the student, through contact in the schoolroom with pupils of various ages, experience that will aid him in selecting at the end of the year the type of work he will prepare for, and second, to provide illustrative experience with children in the classroom to accompany the courses in Problems of Behavior and Problems of Educational Method. First and second semesters, 1 credit each.

253 Practice Teaching in Secondary Schools

Spencer

Practice teaching in the secondary schools of Honolulu. An arrangement exists with the Department of Public Instruction whereby qualified students may have an opportunity to do practice teaching in Honolulu public secondary schools. All students registered in this course will be required to attend a one-hour conference each week. Open only to seniors and graduate students. First and second semesters, 4 credits each.
Courses of Instruction

254 Practice Teaching in Kindergartens and Elementary Schools  
McCluskey

Practice teaching in the kindergarten and the elementary school is done in the second semester of the third year or the first semester of the fourth year under the four-year program of preparation for elementary school teaching. Practice for students completing the three-year program of studies is scheduled for the corresponding semesters of the second and third years. The teaching is done at the Kinau Kindergarten, Teachers College Elementary School, and Teachers College Rural School. 16 credits.

275 Practice Teaching in 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. (Not offered 1932-1933.)

277 Practice Teaching and Field Practice in Agriculture  
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. (Not offered 1932-1933.)

ENGLISH

103 General English  
Coale, Kluegel

This course is the first of a series which aims to promote growth in habits of intelligent, enjoyable use of language and literature. The outcome sought through such activity is development in dealing thoughtfully, appreciatively and effectively with common life affairs. The course is professional in the sense that the students are consistently guided in the habit of relating functionally their growth in English background to their general preparation for teaching.

The two years of general English are laid out partly in terms of types of literary expression, such as poetry, the drama, etc., and partly in terms of certain fields of literary interest, such as child life, nature, etc. The historical approach is used where it may enrich insight into present day productions.

Practice in meaningful, effective speaking and writing is emphasized. Facility in oral expression is especially encouraged. Shortcomings in technique receive attention as necessary. First and second semesters, 3 credits each.

135 General English  
Coale, Kluegel

This course is a continuation of the basic work outlined for English 103. Consistent progress is expected in such matters as free, effective expression; rich, self-directed reading; thoughtful, refined literary judgment; wide, direct acquaintance with literary materials; and ready cooperation in critical discussions and in other group enterprises which deal with expression and literature. First and second semesters, 3 credits each.

156 General English  
Coale, Kluegel

This course is a continuation of the basic work of courses offered in the former Territorial Normal School under the numbers 101, 201,
and 301. Students are encouraged to proceed further in the lines of reading and expression which they have already found most valuable, to increase their familiarity with useful materials and their control of helpful skills, and to continue their development in principles of literary judgment and artistic expression. First semester, 3 credits.

176 Child Life in Literature Coale

This is a reading course in literature—especially fiction, biography, and poetry—that portrays child life. The purpose is to seek a vivid understanding of boys and girls through the aid of writers whose insight into their traits and growth has been especially clear and rich. 2 credits.

235 Literature Coale, Kluegel

In this course the round table procedure is used in connection with more or less thoroughgoing reading and writing on questions that concern the group. An attempt is made through the work to promote integration of the artistic and the scientific points of view. First and second semesters, 2 credits each. (Not offered 1932-1933.)

237 The Teaching of English in Secondary Schools Coale

This is a professional course for prospective secondary school teachers of English. It aims to help students realize the place of English in the lives of boys and girls, to understand present conditions and problems in the field, and to organize their own preparation, both professional and personal. First and second semesters, 2 credits each.

265 Treatment of Defects in English Usage Coale

The aim of this course is to develop the ability of students to diagnose and to treat such defects in English usage as are found among school children in intermediate and upper elementary grades. Second semester, 3 credits.

270 Literature for the Kindergarten-Primary Years Kluegel

A course designed to acquaint the student with the literature, both technological and literary, suitable for children of kindergarten and primary years. First semester, 1 credit. (Not offered 1932-1933.)

271 Literature for the Intermediate and Upper Elementary Years Kluegel

A survey of literature suitable to children of the middle and upper years of the elementary school. First or second semester, 2 credits. (Offered first semester only, 1932-1933.)

273 Literature for Intermediate and Upper Elementary Years Kluegel

A survey of literature suitable to children of the middle and upper years of the elementary school. Same course as 271, except briefer. First or second semester, 1 credit. (Offered 1932-1933 only.)
Courses of Instruction

274 School Dramatics Kluegel

In this course examination is made of the possibilities of dramatization in the work of the schools. A critical study is made of conflicting theories and practices in play-making and producing, and the movement of the present time is sought. First semester, 2 credits.

GEOGRAPHY

162 Occupational Life in the United States Jarrett

This course consists of work upon a series of problems connected with man's adaptations to the natural environment in the United States. There will be study of his manner of living, his industries, means of transportation and communication, and trade. Special attention will be given to available source material for children. First semester, 2 credits.

163 Occupational Life in Foreign Countries Jarrett

A course similar to 162 except that attention will be centered chiefly upon the occupations and manner of life of foreign peoples which constitute their characteristic adaptations to the natural environment. Reading materials for children will be investigated. Second semester, 2 credits.

261 World Occupational Geography Jarrett

This course deals with most of the problems of courses 162 and 163, but more briefly. It is designed to replace those courses in 1933-34. Part of the course will be given to an examination of reading and other materials suitable for pupils in the intermediate and upper elementary years. First or second semester, 3 credits. (Not offered 1932-1933.)

262 Hawaiian Geography Jarrett

This course is designed especially to help teachers to interpret the activities of the people of Hawaii today. It will include a study of some of the typical industries of Hawaii, explained partly by certain geographic controls such as topography, climate, and natural resources; a study of the various races in Hawaii with some reference to their earlier history in Hawaii and present adjustments; and an attempt to show the relationship between Hawaii and other Pacific countries. Available materials for children for the study of Hawaiian geography will be examined. First or second semester, 2 credits.

HEALTH AND PHYSICAL EDUCATION

155 School and Community Hygiene

A study of first aid, community sanitation, communicable diseases, with special reference to local conditions. Attention is given to the problems of school hygiene which confront the teacher. First or second semester, 2 credits. (Not offered 1932-1933.)

220 Health and Physical Education in the Kindergarten-Primary Years Waterman

This course deals with the classroom teacher's responsibilities and opportunities in the health and physical education of young pupils. It will also give practice in the games and dances of young children. Two hours per week. First and second semesters, 1 credit each.
222 Health and Physical Education in the Intermediate and Upper Elementary Years

A study of what constitutes a proper health and physical education program for children between the ages of 9 and 14. Practice is given in the games and dances of children of these ages. Two hours per week. This course is open to women only. First and second semesters, 1 credit each.

223 Health and Physical Education in the Intermediate and Upper Elementary Years

This course is similar to 222 except that it will make more of a study of boys' athletics and give practice in these. Open to men only. First and second semesters, 1 credit each. (Not offered 1932-1933.)

LIBRARY TECHNIQUE

150 Library Technique

A course designed to give elementary acquaintance with the technique of library management that should prove valuable in caring for the school library. First or second semester, 1 credit.

MUSIC

140 Mixed Chorus

An opportunity for students to have experience in vocal ensemble work and to acquire a repertoire of good choral music. For students who have done very little work in music in the secondary schools, this course provides a valuable foundation course for later required work in music. Two one-hour meetings a week. First and second semesters, 1 credit each.

145 Orchestra

This course is open to students who have had orchestral experience in high school. It is offered to afford them an opportunity to continue this experience and to lead them to contribute in this field of music to the schools in which they later teach. Two one-hour meetings a week. First and second semesters, 1 credit each.

147 Survey of Musical Literature

The course is intended to provide the student with an opportunity to become acquainted with some of the masterpieces of music and to understand their messages and characteristics. The educational possibilities of the records heard will be discussed. Two one-hour meetings a week. First and second semesters, 1 credit each.

250 Music for the Intermediate and Upper Elementary Years

A study of music education in the elementary school with emphasis on intermediate and upper elementary materials. The development of musical power and skill in reading will be considered, also the integration of music with other subjects in the curriculum with a view to developing an understanding of music as education. A study of the child voice and its care, especially the changing voice, will be included. Four class meetings a week. First semester, 2 credits. (Not offered 1932-1933.)
251 Music for the Kindergarten-Primary Years  Kahananui

A study of music education in the early years of the elementary school. The emphasis will be upon those materials for the kindergarten-primary years through which sensitiveness to beauty of tone and rhythm can be developed and which will lead the child to respond intelligently to musical experiences. A worthwhile song repertoire will be built. How the child’s music work can function in our educational program will be discussed. A study of the child voice and its care will be made. Four class meetings a week. First or second semester, 2 credits. (Not offered 1932-1933.)

253 Music for the Intermediate and Upper Elementary Years  Kahananui

This course is similar to 250, except briefer. Two class meetings a week. Second semester, 1 credit.

261 Music History Through the Classical Period  Kahananui

A study of earlier periods of music in the light of their influence on the development of later music. Through records the growth of music in relation to environment and as influenced by changing civilization will be traced. Second semester, 2 credits.

262 Music History of the Nineteenth Century  Kahananui

The study of the history of this period will involve listening to much music. Comparison will be made between the development of the art and literature of this period and the development of music. A study will be made of the relation of this period to those preceding and following it. First semester, 2 credits.

264 Music for the Intermediate and Upper Elementary Years  Kahananui

A study of music education in the elementary school with emphasis on intermediate and upper elementary materials. The development of musical power and skill in reading will be studied, also the integration of music with other subjects in the curriculum with a view to developing an understanding of music as education. Study of the child voice and its care, especially the changing voice, will be made. Registration limited to teachers in service. First semester, 2 credits.

265 Music for the Junior High School Years  Kahananui


267 Music for the Kindergarten-Primary Years  Kahananui

A study of music education in the early years of the elementary school. The emphasis is placed upon those materials for the kindergarten-primary years through which sensitiveness to beauty of tone and rhythm can be developed. A song repertoire is built. A study is made of the child voice and its care. Registration limited to teachers in service. Second semester, 2 credits.
PRACTICAL ARTS

150 Hawaiian Arts Kelle
Lauhala-weaving, involving preparation of material, use of waste, weaving of articles of household and personal use. First semester, 1 credit.

250 Woodcraft Reynolds
This course is intended to provide working knowledge of the various common tools and materials and of the processes in which they are employed. Two two-hour periods a week. First or second semester, 2 credits. (Not offered 1932-1933.)

253 Woodcraft Reynolds
This is the same course as 250, except briefer. One two-hour period a week. First or second semester, 1 credit.

SCOUTING

240 Boy Scouting Robley
A course devoted to education for boy scout leadership. First and second semesters, 1 credit each.

283 Girl Scout Training Course Rees
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.

SOCIAL SCIENCE

135 Problems of the American Citizen Gordon
This course is intended to bring the student into contact with the current issues of American life and to guide him through an historical treatment of these problems to an increased understanding of the factors that have played a part in their evolution. First and second semesters, 2 credits each.

250 Social Science in the Elementary School Gordon
This course aims to give an insight into the nature and meaning of the Social Studies. Emphasis will be placed upon types and sources of materials suitable for use in the elementary school. First semester, 2 credits.

251 Social Science in the Secondary School Gordon
A course designed to give teachers of the Social Studies an insight into the nature and meaning of these subjects in citizenship training. Objectives to be attained, types and sources of materials, and their organization for use in the secondary school curriculum, are major topics considered. Second semester, 2 credits.

271 History Materials for Children Gordon
In this course an attempt is made to develop an acquaintance with types and sources of history materials suitable for use of pupils in the middle and upper elementary years. First semester, 1 credit. (Not offered 1932-1933.)
DEGREES CONFERRED
JUNE, 1931

MASTER OF SCIENCE

In Plant Genetics
Kenneth R. Kerns, B.S., University of Hawaii, 1926

In Entomology
*Josias Christian le Roux, B.S., Stellenbosch University, 1928

In Chemistry
Wai Yun Young, B.S., University of Hawaii, 1930

MASTER OF ARTS

Florence Avison, B.A., Colorado State Teachers College, 1923
Thesis: “Creative Reading in the First Grade.”

Adeline Emily Babbit, B.S., Teachers College, Columbia University, 1925
Thesis: “A Vocabulary Study of Pre-School Children.”

Elizabeth Hope Carter, B.A., University of Washington, 1928

*Lucile Hodgins, B.A., University of Hawaii, 1930
Thesis: “Vocational Adjustment of the Class of 1924 of McKinley High School.”

Bernhard Lothar Hormann, B.A., University of Hawaii, 1927

Jitsuichi Masuoka, B.A., College of Emporia, 1928
Thesis: “Race Attitudes of the Japanese in Hawaii: A Study in Social Distance.”

John Bergen Nelson, B.A., University of Wyoming, 1906
Thesis: “Analysis of Prevocational Woodwork with Type Instruction Sheets and Records for a Senior High School.”

*Degree granted September, 1931.
University of Hawaii

Donald Radebaugh Ottmann, B.A., The University of the South, 1915

George James Peavey, B.A., University of Denver, 1924
Thesis: “A Year’s Course of Study in Speech for a Senior High School.”

Grace Runyan, B.A., Nebraska State Teachers College, 1920

Charles Schleicher, B.A., College of the Pacific, 1928
Thesis: “The United States and Samoa.”

Alida Visscher Shinn, B.E., National Kindergarten and Elementary College, 1928
Thesis: “Sleep Habits of a Group of Pre-School Children in New York and Hawaii.”

Kenzo, Toi, B.A., University of Hawaii, 1927

Carleton Earl Weimer, B.A., College of Wooster, 1927
Thesis: “A Study of the Effect of Reading Drill Upon Intelligence Test Scores.”

BACHELOR OF SCIENCE

In Agriculture

Edwin Yun Hoy Chinn
Raymond Hotoku Inafuku
Gero Iwai
Clement March Judd
Takumi Kono
James Craig Lindsay
Frank Yun Fong Low
Vincent Henry Wightman
William Ty Seon Wong
Francis Tsun Chiu Yap
Ah Mun Young

In Civil Engineering

Kaichi Awaya
Edward Stanley Kaaua
James Nogawa
Shuichi Sakamoto
Shigeru Shimogawa
Masaru Tsugawa

*Degree granted September, 1931.
Degrees Conferred

In General Science

Lyman Arnold Dean
*Wilfrid Yoichi Hanaoka
Alwyn Gustav Hansen
Edward Yataro Hosaka
Tadao Ito
Lillian Soy Keen Louis
Robert Toru Masuhara
Edward Joseph Morgan
Masato Ohtani
Ruth Colburn Robbins
†Ernest Albert Rudelius
Henry Kee Tom
William Hitoshi Tsuji

In Home Economics

Kiyo Arita
Elizabeth Cooper
*Hope Kim
Grace Yuk Yee Lam
Clara Young Lum
†Hanaye Shimodao
Violet Toshiko Sueoka
Eva Yun Gin Wong

BACHELOR OF ARTS

*Leone Ackland
Tsuruko Agena
*Masao Aizawa
Annie Kahikinaokala Akaka
Clarence Abram Akwai
Eiichi Amasaki
Nancy Daniels Andrew
†Vera Neese Bachman
Lois Lillian Bates
Pearl Lee Beck
Helene Matilde Berg
Richard Kiyoji Betsui
Alice Emily Bevins
*Lela Robinson Brewer
Hazel Helen Brunk
Grace Liu Chang
Irene Kwai Ngit Char
Theodore Kamasuke Chinen
Ruth Howe Chinn
Mew Keam Chock
†Vera Jean Chong
Kenneth Chun
Margaret Wong Chun
†Phoebe Chun
†Bertha Iten Collins
Florence Thomas Cooper

*Degree granted September, 1931.
†Degree granted February, 1931.
University of Hawaii

Marguerite Frances Cooper
Rosina Kamalau Crone
†Edward Forbes Cushnie
John Fee Embree
Evelyn Nobuko Fujinaka
†Ernest Kazuma Hamamura
Rupert Tsutomu Haramoto
Fusa Hayashi
Elizabeth Lulu Heen
*Helen Yuk Fung Heu
†G. Louise Hewitt
†Hiro Higuchi
Hon Sam Hiu
Masaru Honbo
Wilfrid Kalei Hussey
Teruko Imamura
Amy Sai Moi Ing
Lucille Yick Ing
Kazuto Ishii
Florence Irene Johnson
Edward Shiro Kamei
Shingo Kato
*Charles William Kenn
Shizue Helen Komu
Toshiko Kunichika
Akira Kuwahara
†Evelyn Yuen Yin Lau
Donald Leigh Layman
Beatrice Nipoaloha Kam Lin Lee
Benjamin Alfred Lee
Daisy Kui Tem Lee
James Kon Fah Lee
Harry Bates Len
Albert Nawahi Like
Edith Yin Tai Ling
Bernice Yen Yee Loo
Rebecca Leilani Lyman
Ruth Mallory
Adaline Agnes Marques
Morio Masuda
Toshio Matsushima
Louise McGregor
Andrew Nobuo Mitsukado
Fuji Deborah Miyazaki
†Lydia Yun Fung Moo
†Shizuko Morimoto
Wallace Ikata Murakami
Setsuko Nakamura
Torako Nakamura
Howard Gunji Nakashima
Dorothy Ohiaokalani Namahoe
Mildred Matsumo Nerio
Gertrude Meu Eng Nip
†Macoto Nukaga
Agnes Maggie Okamachi

*Degree granted September, 1931.
†Degree granted February, 1931.
Degrees Conferred

Kiyoso Okamoto
Earle Yoshio Okamura
Kenji Okimura
Masao Okumoto
Wallace Hayashi Otaguro
Dorothy Taka Ozawa
Ina Moon Park
Henry Chadsey Penhallow
Lucy Elisabeth Powell
Angelica Kuualoha Reese
Yoshito Saigo
Saburo Santoki
Tsutomu Sasaki
†Yutaka Sato
†Mildred Thomson Schausten
Carolyn Warner Shepherd
Esther Fo Shim
*Clara Ingalls Smith
†Ernest Edward Christian Spillner
James Eiji Suehiro
Shinichi Suzuki
James Seiji Tamashiro
Albert Shun Fong Tyau
Raymond Masayuki Uchimura
†Alfred Asataro Uyeda
Yukuo Uyehara
Jack Kiyomatsu Wakayama
Seiyei Wakukawa
George Anderton Ventnor Williams
Eleanor Kwai Ching Wong
Margaret Wong-Leong
†Toku Yoshizawa
Andrew Takayuki Yukitomo
HOLDERS OF UNIVERSITY SCHOLARSHIPS
1931-1932

Associated Women Students
Jana Glenn

Honolulu Chamber of Commerce, Freshman
Richard Burkland

Honolulu Chamber of Commerce, Agriculture
Isao Toyama

Hilo Chamber of Commerce
Albert Nahalea

Chinese Community
Lo Yim Leong
Charles Kwock
Wah Chock Young

Chinese Students' Alliance
Maud Ho
Theodora Ching-Shai
Eleanor Y. L. Chun
Kam In Yuen

Daughters of American Revolution, Honolulu
Patricia McMahon
Gertrude Spillner

Leora Parmelee Dean
Muriel MacKenzie

Hawaiian Woman's Club of Maui
Beatrice Hussey

Prince Fushimi
Kenneth Ohara
Dorothy Sakamoto
Doris Kotake
Edith Tokimasa
Isamu Miyoshi
Tamao Monden
(1st semester)
James Murakami
(2nd semester)

Ruth Scudder
Carla Mirikitani

Stephen Spaulding, (permanent)
Bernard Lee

Stephen Spaulding, (special)
Gordon Miller

Wakaba Kai
Harumi Okimura

Yang Chung Hui
Ah Jook Leong

Hui Pookela
Sylvia Heen
SPECIAL SCHOLARSHIPS (temporary)

Anonymous

Virginia Hammond
Marian McKenney

Hawaiian Girls’ Club, Y.W.C.A.

Irmgard Farden
(1st semester)
Lucille Akaka

Daughters of American Revolution, Maui

Satoe Kunioka

Maui Woman’s Club

Shizuko Nakano
(1st semester)

Japanese University Women's Club

Hazel Mirikitani
Ruth Nishimoto
May Nishimura

Hawaiian Civic Club

Florence McKeague

Women's Campus Club

Helen Osborne
Ruth Johnson
Violet Helekunihi
Dorothy Namahoe
REGISTER OF STUDENTS
1931-1932

GRADUATE DIVISION

Abel, Marielouise, 2107 Lanihuli Drive
   B.A., University of Hawaii, 1927
   (Education)
Abel, (Mrs.) Marjorie Greig, 4604 Kahala Ave.
   B.S., University of Hawaii, 1924
   (Household Science)
Alameda, (Mrs.) Mathilde Sousa, Box 102, Waialua, Oahu; 1377 Lusitana St.
   B.A., University of Hawaii, 1929
   (Education and English)
Ashton, Courtland E., 1053-B Lunalilo St.
   B.S., University of Hawaii, 1929
   (Sugar Technology)
Bachman, (Mrs.) Vera, 2163 Atherton Rd.
   A.B., University of Hawaii, 1931
   (Psychology and Political Science)
Beck, (Mrs.) Julia W., 3746 Pukalani Place
   B.A., University of Montana, 1928
   (English)
Beck, Pearl Lee, 602 S. Elvira Ave., Redondo Beach, Calif.; 2216 Kalia Rd.
   A.B., University of Hawaii, 1931
   (Political Science and History)
Becker, James, Mid-Pacific Institute
   A.B., Drury College, 1929
   (International Relations)
Bickerton, (Mrs.) Agnes C., 2844 Park Road
   B.A., University of Hawaii, 1932
   (Education and English)
Black, Margaret Donald, 1020 Kapiolani St.
   B.A., University of Hawaii, 1927
   (Education)
Blanchard, Elizabeth Estelle, Port Orchard, Wash.; 2191 Helumoa Rd.
   B.A., University of Washington, 1923
   (English)
Bowers, Francis A. I., A. H. P. C. Experiment Station, Wahiawa, Oahu
   B.S., University of Hawaii, 1924
   (Plant Physiology)
Brodie, Hugh Wallace, 1619 Dole St.
   B.S., University of Hawaii, 1928
   (Plant Physiology)
Brown, Elmer A., Kuhio School
   A.B., Stanford University, 1902
   (Education)
Register of Students

Brunk, D. Elmer, 2159 Atherton Rd.
A.B., McPherson College, 1923
(Education)

Brunk, (Mrs.) Hazel Helen, 2159 Atherton Rd.
B.A., University of Hawaii, 1931
(History and Education)

Caldwell, William B., Kamehameha Schools
B.S., Oregon State College, 1924
(Education)

Campbell, Bruce P., 667 Musgrave Rd., Durban, S. Africa; Kahuku Plantation
B.S., Louisiana State University, 1931
(Sugar Technology)

Cariaga, (Mrs.) Rosamond Reynolds, 948 Winant St., Apt. A No. 3
A.B., Syracuse University, 1930
(Education and Sociology)

Carter, (Mrs.) Helen Josephine, 1525-B Wilder Ave.
B.A., College of Emporia, 1926
(Education)

Chan, Helen M., 1237 13th Ave.
B.A., University of Hawaii, 1932
(Education)

Char, Tin Yuke, 1548 Young St.
B.A., Yenching University, 1928
(International Relations)

Chock, Mew-Keam, Kamuela, Hawaii; 1319 Emma St.
B.A., University of Hawaii, 1931
(Education)

Chong, Kim-Fan, 1825 S. Beretania St.
B.A., University of Hawaii, 1930
(Education)

Chong, Vera Jean, 1306 Young St.
B.A., University of Hawaii, 1931
(Sociology)

Chun, Dai Ho, 1424—10th Ave.
B.A., University of Hawaii, 1930
(Economics)

Chun, Phoebe, 1144 Palama St.
B.A., University of Hawaii, 1931
(Education)

Coles, Margaret Juleff, 416 W. 7th St., Hays, Kansas; St. Andrew’s Priory
B.S., Kansas State College, 1927
(Education and English)

Collier, Arnold D., 3022 Kalakaua Ave.
B.S., Oregon State Agr. College, 1925
(Education)

Cooke, Douglas Alexander, c/o Alexander & Baldwin M.S., University of Hawaii, 1925
(Botany)

Corrin, Lucille, 726 Green St.
B.S., Northwest Missouri State Teachers College, 1925
(Education and English)

Cummings, Effie May, 1433 Santa Yuez Way, Sacramento, Calif.; 1728 Poki St.
B.A., University of California, 1921
(Education)
Cummins, (Mrs.) Helene Bartels, Alexander & Baldwin, Ltd.
  B.A., University of Hawaii, 1930
  (Education)
Edwards, Dorsey Wayne, Pensacola Court
  B.S., Oregon State College, 1930
  (Agriculture)
Eriksen, Edith M., Villa Hotel
  B.A., University of Hawaii, 1930
  (Education)
Farden, Carl, 2306 Marques St.
  B.S., University of Hawaii, 1925
  (Soil Science)
Fredlund, Melvin Laurentius, 2317 Bloomington Ave., So. Minneapolis, Minn.; Mid-Pacific Institute
  A.B., Gustavus Adolphus College, 1928
  (Education)
Geiger, Whitney Albert, 874 So. King St.
  A.B., Columbia College, 1928
  (English)
Hammond, Wesley Haskins, 1518 Wilder Ave.
  B.A., Willamette University, 1918
  (Chemistry)
Harada, Koichi Glenn, 1252 Palolo Ave.
  B.A., University of Hawaii, 1928
  (Education and Psychology)
Harris, Arthur Lee, Kealakekua, Hawaii
  B.A., Park College, 1925
  (Education)
Hatch, Grenville, 956-B Ocean View Ave.
  B.A., University of Hawaii, 1929
  (History and Political Science)
Hayashida, Akiyoshi, 1732 Gulick Ave.
  B.A., University of Hawaii, 1928
  (Education and Sociology)
Hendrickson, Harvey Francis, Schofield Barracks
  M.D., University of Pennsylvania, 1927 (Withdrew)
  (Psychology)
Hill, Jo Elizabeth, Washington Jr. High School
  A.B., Christian College, 1921
  (English)
Hosaka, Edward Yataro, Kipapa Gulch, Oahu; B. P. Bishop
  Museum
  B.S., University of Hawaii, 1931
  (Botany)
Hudson, Loring G., Kamehameha Schools
  B.S., Oregon State College, 1927
  (Education)
Ito, Kiyoshi, A. H. P. C. Experiment Station
  B.S., University of Hawaii, 1929
  (Entomology)
Iwai, Charles Kazuo, Box 832, Honolulu
  B.A., University of Hawaii, 1927
  (Economics)
Iwata, Henry Y., 2019 Kealoha St.
  B.A., University of Hawaii, 1927
  (Business)
Jones, Winona Elizabeth, 2863 Pacific Heights Rd.
  B.A., University of California, 1924
  (Education)
Kenn, Charles William, 944—20th Ave.
  B.A., University of Hawaii, 1931
  (Political Science and Sociology)
Kono, Ayako, Box 144, Hilo, Hawaii; 131 Boyd Lane
  B.A., University of Hawaii, 1925
  (Education)
Lackrie-Lund, (Mrs.) Ethel Elizabeth, 3139 Huelani Dr.
  B.S., University of Minnesota, 1930
  (Education)
Lam, Margaret M., 1439 Keaumoku St.
  B.A., University of Hawaii, 1929
  (Sociology and Psychology)
Lawson, (Mrs.) Edna B., Young Hotel
  A.B., University of California, 1924
  (English)
Lecker, Margaret Olga, 2241 Liliha St.
  B.A., University of Hawaii, 1930
  (Education and Psychology)
Li, Gladys Ling Oi, 52 S. Kukui St.
  B.A., University of Hawaii, 1930
  (English)
Luiz, John C., 833—17th Ave.
  B.A., Colorado State Teachers College, 1930
  (Education)
Lund, August Soren Thomsen, 3139 Huelani Dr.
  B.S., University of Minnesota, 1928
  (Education and Economics)
MacNeil, Helen Bosson, 2010 Hunnewell St.
  B.A., Boston University, 1912
  (Education and Psychology)
Maneki, Mitsugi, Kauma, Hilo, Hawaii; 2310 Bingham St.
  B.S., University of Hawaii, 1929
  (Agriculture)
Marlowe, Ralph, 2755-A Ferdinand Ave.
  B.S., Rollins College, 1928
  (Entomology)
McBride, Virginia, Tooele, Utah; 333 Saratoga Rd.
  B.A., University of Utah, 1925
  (Education and English)
McPherren, Berenice, 4619 Second Ave., N. E., Seattle, Wash.; 2820
  University Ave.
  B.B.A., University of Washington, 1929
  (Psychology)
Miller, Elizabeth Ruby, 2927 Nanihale Pl.
  A.B., Oxford College for Women, 1919
  (Education)
Mitchell, Donald D., Kamehameha Schools
  A.B., Phillips University, 1928
  (Education and Botany)
Moe, Kilmer Oscar, 1420-A Kalihi St.
  A.B., University of Hawaii, 1930
  (Education and Sociology)
Moore, Golda, 206 Beach Walk
B.A., Park College, 1922
(History and Education)

Morimoto, Shizuko, 2005 Dole St.
B.A., University of Hawaii, 1931
(Education and English)

Murphy, Katherine E., Box 386, Schofield Barracks, T. H.
B.S., Oregon State Agricultural College, 1928
(Education)

Odgers, George Allen, Kamehameha Schools
A.B., University of Nebraska, 1916
(Education)

Ogura, Shiku Ito, Box 536, Kealakekua, Hawaii
B.A., University of Hawaii, 1929
(Political Science)

Otremba, Frances M., 2659 Oahu Ave.
B.S., Teachers College, Columbia University, 1929
(Education and Psychology)

Peairs, Edna Inez, 501 So. 59th St., Tacoma, Wash.; 317 Saratoga Rd.
B.A., Washington State College, 1919
(Psychology)

Remick, Grace Ingalls, 2452-A Kuhio Ave.
B.A., University of Hawaii, 1929
(Education and History)

Robbins, Ruth Colburn, 2326 Metcalf St.
B.S., University of Hawaii, 1931
(Chemistry)

Roberts, Esther May, Delta, Colo.; 2323 Kaala Ave.
A.B., Western State College of Colorado, 1927
(Psychology)

Rogers, Vance, Iolani School
A.B., University of Hawaii, 1930
(English)

Sakimura, Kay, A. H. P. C. Experiment Station
Yamaguchi Gov. Higher School, 1923
(Entomology)

Sasaki, Yoshinobu, Iwakuni, Yamaguchi-ken, Japan; 1316 Young St.
B.A., University of Hawaii, 1929
(Sociology)

Sherretz, D. Ransom, 948 W. Clay, Collinsville, Ill.; Mid-Pacific Institute
Ed.B., Southern Illinois Teachers College, 1926
(Education)

Simon, William John, Kamehameha Schools
B.A., Wittenberg College, 1924
(Education)

Simonson, J. Alfred, 1409 Makiki St.
A.B., Pacific Union College, 1925
(Education)

Skinner, Franklyn E., Box 243, Wailuku, Maui
B.A., University of Hawaii, 1929
(Education and Political Science)

Smith, Alice Whitaker, 70 Judd St.
B.S. Teachers College, Columbia University, 1916
(Education)
Register of Students

Stanton, Ruth, Alliance, Neb.; Fernhurst
A.B., University of Nebraska, 1926
(Education)

Suehiro, Amy, 1219—7th Ave.
B.S., University of Hawaii, 1927
(Zoology)

Tanimoto, Thomas F., 1039 5th Ave.
B.A., University of Hawaii, 1930
(Education)

Thomson, Margaret E., Ft. Stockton, Texas; 430 Lewers Rd.
B.S., Denton, Texas, Coll. of Ind. Arts, 1930
(Education)

Uyehara, Yukuo, 1822 Nuuanu St.
B.A., University of Hawaii, 1931
(History)

Vance, Thomas Blake, 425 Lewers St.
A.B., Maryville College, 1922
(Education)

Vaughn, (Mrs.) Inger S., 1625 Dole St.
B.S., William and Mary College, 1921
(Education)

Wakukawa, Seiyei, 5 Cunha Lane, Vineyard St.
B.A., University of Hawaii, 1931
(Political Science)

Watt, Joseph Tee, 2157 Atherton Rd.
B.S., Alabama Polytechnic Institute, 1923
(Entomology)

Wheeler, George Smith, Denver, Colo.; 2458 Koa Ave.
B.S., Kansas State Agr. Coll., 1926
(Education)

Wilson, Ivah I., 3640 Harding Ave.
B.S., Northeast Missouri State Teachers College, 1927
(Education)

Yamaguchi, Micho, 918—9th Ave.
B.S., University of Hawaii, 1930
(Vocational Education)

Yap, Florence Y. T., Box 24, Pauwela, Maui; Kawaiahao Building
B.A., University of Hawaii, 1930
(Political Science and Education)

Yoshizawa, Toku, 1952 Young St.
B.A., University of Hawaii, 1931
(Sociology)

Yukitomo, Andrew T., Capt. Cook, Kona, Hawaii; Nuuanu Church
Dormitory
B.A., University of Hawaii, 1931
(Economics)

GRADUATE SCHOOL OF TROPICAL AGRICULTURE

Abel, Francis A. E., 4604 Kahala Ave.
B.S., University of Hawaii, 1921; M.S., University of Hawaii, 1924
(Chemistry)

Adamson, Alastair Martin, Post restant, Papeete, Tahiti; Bernice
P. Bishop Museum
M.A., Univ. of St. Andrews, 1922; B.Sc., Univ. of St. Andrews, 1923
(Entomology)
Bean, Ross S., 1716 Hunnewell St.
B.S., Brigham Young University, 1921 (Plant Physiology)

Das, Upendra Kumar, H. S. P. A. Exp. Sta.
B.S., University of Hawaii, 1927; M.S., University of Hawaii, 1930 (Agriculture)

Davis, William Clare, R. F. D. No. 3, Iowa City, Iowa; 2657 Terrace Dr.
B.S., University of Iowa, 1929; M.S., University of Iowa, 1930 (Botany)

Herford, Geoffrey V. B., 1 Frognal Gardens, London N. W. 3, England; Colonial Hotel
B.A., Oxford University, 1927 (Entomology)

Hong, Tai Hee, 1520 Fort St.
B.S., University of Hawaii, 1929; M.S., University of Hawaii, 1930 (Zoology)

Keck, Chester B., 1002-A Wilder Ave.
B.S., Kansas State Agricultural College, 1927; M.S., Kansas State Agricultural College, 1928 (Entomology)

Krauss, Beatrice, 2557 Parker Place
B.S., University of Hawaii, 1926; M.S., University of Hawaii, 1930 (Plant Physiology)

Mason, Arthur C., 1563 Hastings St.
B.S., Michigan State College, 1913; M.S., University of Florida, 1915 (Entomology)

McBride, Orville C., 1002-B Wilder Ave.
B.S., University of Missouri, 1921; M.A., University of Missouri, 1922 (Entomology)

Mumford, Edward P., Post restant, Papeete, Tahiti; Bernice P. Bishop Museum
B.Sc., Victoria Univ., 1924; M.A., Univ. of California, 1928; M.Sc., Victoria Univ., 1929 (Entomology)

Olsen, O. Wilford, R. F. D. 1, Brigham City, Utah; 2163 Atherton Rd.
B.A., Brigham Young University, 1929; M.A., University of Minnesota, 1931 (Entomology)

B.A., Oxford University, 1926; M.A., Oxford University, 1930; B.Sc., Oxford University, 1931 (Entomology)

Schmidt, Carl Theodor, Minneapolis, Minn.; Colonial Hotel
B.A., University of Minnesota, 1929 (Entomology)
von Kesseler, Ernst, Franz Josefstrasse, 34 Munich, Germany; MacDonald Hotel 
Diplomlandwirt, University of Bonn, 1926; Dr. Agr., University of Berlin, 1930
( Genet ics)

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.

Abe, Masao, 9, 8 (I Econ. & Bus.) 1742 Olona Lane 
Adams, Richard E., 23, 13 (I Social Sciences) 1940 Bingham St. 
Agano, Yuichi B., 193, 84 (2) (III Social Sciences) 639 N. King St. 
Agena, Shigeto, 42, 17 (I Econ. & Bus.) Box 1, Mt. View, Hawaii; 2513 Stream Dr.
Ahuna, William, 35, 14 (I Econ. & Bus.) Shekki, Canton, China; University of Hawaii 
Akahoshi, Fred H., 227, 112 (IV Econ. & Bus.) 816—8th Ave. 
Akaka, Nora, 66, 33 (II Lang., Lit. & Art) 155 Paoakalani St. 
Akana, Florence, 102, 49 (II Social Sciences) Hana, Maui; Women's Dormitory 
Among, William, 170½, 82 (III Econ. & Bus.) Box 52, Kaimalino, Kona, Hawaii; 227 Naone St.
Anderson, Junia, 20, 10 (I Lang., Lit. & Art) 421 Locust St., Turlock, Calif.; 1522-E Hastings St.
Anderson, Lydia E., 27, 14 (69) (III Social Sciences) Red Wing, Minn.; 3048-D Hibiscus Dr.
Aoki, Michiko E., 33, 15 (I Social Sciences) Mt. View, Hawaii; 2320 University Ave.
Arita, Mitsuo, 35, 17 (I Econ. & Bus.) Box 156, Hakalau, Hawaii; 
217 Pakohana St. 
Arnold, Kathleen L., 104, 50 (II Econ. & Bus.) 1006—11th Ave. 
Atkins, Francis H., 21½, 15½ (I Econ. & Bus.) 837—9th Ave. (Withdrew)
Awai, Lillian, 56, 20 (I Econ. & Bus.) Mahukona, Hawaii; 1316 Piikoi St. 
Bal, Henry (I Econ. & Bus.) Keanae, Maui; 279 Auwaiolimu St. 
Balingit, Dominga, 199, 85 (III Social Sciences) Box 93, Schofield Barracks, T. H.; 560 S. Queen St.
Barringer, Ronald H., 45, 19 (I Nat. & Phys. Sci.) Hilo, Hawaii; Men's Dormitory 
Bartlett, Beth L., 132, 51 (II Social Sciences) 2730 Terrace Dr. 
Bayless, Bernice K., 81, 51 (II Social Sciences) 2536 Puunui Ave. 
Bell, Alice F., 241, 105 (III Lang., Lit. & Art) 1020 Koko Head Ave. 
Bell, Janet, 304, 118 (IV Lang., Lit. & Art) 1020 Koko Head Ave. 
Bento, Ethel, 184, 93 (III Social Sciences) Wailuku, Maui; 1319 Emma St.
Benz, Helen, 12, 7 (I Lang., Lit. & Art) 2238 Manoa Rd. 
Betts, Alexa C., 160, 74 (III Social Sciences) Wailuku, Maui; 1319 Emma St. 
Betts, Cleo A., 78, 42 (II Econ. & Bus.) Wailuku, Maui; 1319 Emma St.
Black, Dudley, 37, 16 (23) (II Econ. & Bus.) 1311 N. Orange Dr., Hollywood, Calif.; 2316 Oahu Ave.
Blackburn, Orlando, (46) (II Lang., Lit. & Art) Navina, Okla.; c/o Randolph Crossley, Dillingham Bldg. (Withdrew)
Bodge, Jean M., 29 1/2, 11 1/2 (I Lang., Lit. & Art) 2748 Laniloa Rd.
Bradley, Martha K., 94, 40 (10) (II Social Sciences) 1536 Alewa Dr. (Withdrew)
Bradley, May, 82, 43 (II Econ. & Bus.) 1536 Alewa Dr.
Brockley, Jackson K., 52, 21, (36) (II Social Sciences) 65th Squadron, Luke Field, T. H.
Bruhn, Kanoena, 230, 115 (IV Social Sciences) 1339 Kaihee St.
Bunch, Douglass J., 102, 45 (65) (IV Econ. & Bus.) 728 S. Church St., Visalia, Calif.; Central Y. M. C. A.
Burkland, Reynolds, 300 1/2, 115 1/2 (IV Econ. & Bus.) 779-C Lunaliilo Terrace
Burkland, Richard, 39, 18 (I Econ. & Bus.) 779-C Lunaliilo Terrace.
Butt, (Mrs.) Beatrice, 257, 105 (IV Lang., Lit. & Art) 2410-H Tusitala
Caceres, Sheridan, 36, 17 (I Nat. & Phys. Sci.) Box 916, Hilo, Hawaii; Men's Dormitory
Capellas, Eugene S., 149, 81 (III Social Sciences) Box C, Hakalau, Hawaii; Men's Dormitory
Carter, Harve E., 140, 55 (IV Lang., Lit. & Art) Box 114, Stockton, Calif.; MacDonald Hotel
Cartwright, Vera V., 10, 7 (I Lang., Lit. & Art) 665 Wyllie St.
Casner, Arthur, 30, 18 (10 2/3) (I Econ. & Bus.) 302 E. Anahiem, Long Beach, Calif.; 237 Saratoga Rd.
Cass, Mary E., 55, 19 (42) (III Social Sciences) Heeia, Oahu; Women's Dormitory
Centeio, Benjamin F., 77 1/2, 42 (II Econ. & Bus.) 1463 Luso St.
Chalmers, (Mrs.) Annie, 54, 17 (I Pub. Health) Hana, Maui; 329 Jack Lane
Chang, Dorothy, 144, 84 (III Social Sciences) 702 Waiakamilo St.
Chang, Jack Gett, 161, 85 (III Econ. & Bus.) Schofield Barracks, T. H.; 3444 9th & Mauna Loa
Cheng, Kok Sun, 133 1/2, 66 1/2 (III Social Sciences) Canton, China; 1441 F. G. Johnson Lane, Liliha St.
Cheong, Raymond, 45, 17 (I Social Sciences) Box 113, Hanapepe, Kauai; Mid-Pacific Institute
Chillingworth, (Mrs.) Elsa, 48, 17 (I Pub. Health) 2269 Kamehameha Ave.
Ching, George Chee Kon, 31, 15 (I Econ. & Bus.) 1651 Olona Lane
Ching, Walter H. W., 45, 18 (I Econ. & Bus.) 2131 Dole St.
Chong, Kim On, 69, 42 1/2 (5) (II Social Sciences) 1625 S. Beretania St.
Chong, Mable, 218, 88 (III Social Sciences) 1815 Dole St.
Chong, Wilfrid, 142, 60 (II Econ. & Bus.) 1800 Fort St.
Chow, Richard, 40, 18 (I Econ. & Bus.) 243 N. King St.
Chu, Katherine, 53, 39 (II Econ. & Bus.) Kapaa, Kauai; 902 Kinu St.
Chun, Aki, 27, 15 (I Econ. & Bus.) 3910 Kaimuki Ave.
Register of Students

Chun, Chee Kwon, 108, 52 (II Econ. & Bus.) 1415 Iao Lane
Chun, Grace C., 151, 81 (III Econ. & Bus.) Box 24, Kukuihaele, Hawaii; 1424—10th Ave.
Chun, Hung Lum, 37, 13 (I Econ. & Bus.) 2 Hialoa St.
Church, Winona, 199, 85 (III Social Sciences) Box 222, Wailuku, Maui; 1405 Griffith St.
Clarke, (Mrs.) Adna, 417, 129 (IV Lang., Lit. & Art) 2151 Mo­hala Way
Cliff, George A., 24, 9 (63) (III Social Sciences) 1066 N. Los Robles, Pasadena, Calif.; 2171 Atherton Rd.
Conningham, Kenneth A., 36, 15 (I Econ. & Bus.) 14 Wood St.
Conradt, August W., 22, 10 (I Social Sciences) Wailuku, Maui; 1286 S. Beretania St.
Cooper, Georgina, 40, 17 (I Lang., Lit. & Art) Hana, Maui; 920—
11th Ave.
Corbett, Allan L., 221, 109 (IV Pre-Legal) 1545 Magazine St.
Craw, Roy, 24, 10½ (I Econ. & Bus.) 1078 Kinau St.
Cron, Robert, 37, 17 (I Econ. & Bus.) Schofield Barracks, T. H.; 2376 Oahu Ave.
Davis, Vivian, 11, 6 (I Lang., Lit. & Art) 1842 Punahou St.
Deas, Frances E., 30, 15 (64) (III Nat. & Phys. Sci.) Pleasanton Hotel
Deinert, Hilda K., 209, 91 (22) (IV Social Sciences) Wailuku, Maui; 1319 Emma St.
Deponte, Harold L., 162, 87 (III Econ. & Bus.) Sprecklesville, Maui; Men's Dormitory
Dick, Berenice, 12, 3 (I Lang., Lit. & Art) 1164 Lunalilo St.
Dietz, Edith E., 198, 86 (III Lang., Lit. & Art) 2622 KaaiPu Ave.
Dodo, Richard M., 113, 52 (II Econ. & Bus.) 115 Ponahawai St.,
Hilo, Hawaii; 1839 Anapuni St.
Doeburg, Marion E., 25, 12 (I Econ. & Bus.) 1624 Clark St.
Dolan, Gerald A., 64½, 45 (17) (II Econ. & Bus.) 2623 KaaiPu St.
Doo, James K., 58, 19 (I Econ. & Bus.) 1030 S. Beretania St.
Drager, John C., 22, 12 (42) (II Social Sciences) 998 N. Capitol St.,
Salem, Ore.; C. & C. Indigent Home
Duncan, Catherine C., 35, 19 (I Social Sciences) Ewa, Oahu; Mid­Pacific Institute
Dunn, Rhoda E., 100, 51 (II Econ. & Bus.) Kahuku, Oahu; 1328
Wilder Ave.
Edwards, Louise M., 42, 16 (90) (IV Lang., Lit. & Art) 326 W. 6th
St., Albany, Ore.; 2617 E. Manoa Rd.
Elkins, Leonora M., 27, 13 (I Lang., Lit. & Art) 3758 Harding Ave.
Fairweather, Jane, 38, 17 (I Lang., Lit. & Art) 2402 Waolani Ave.
Fernandes, Harry J., 26, 15 (I Econ. & Bus.) 1698 Lewalani Dr.
Fletcher, Alpha J. (I Lang., Lit. & Art) 1019 Punahou St.
Ford, Roy D., 40, 14 (56) (III Social Sciences) 3732 Van Buren
St., Arlington, Calif.; 2171 Atherton Rd.
Fowle, Daniel, Jr., 42, 14 (23½) (I Econ. & Bus.) Schofield Bar­racks, T. H.
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Goo, Francis P. (I Econ. & Bus.) 520 Wylie St. (Withdrew)
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Goto, Yoshio, 265, 120½ (IV Social Sciences) Captain Cook, Kona, Hawaii; 2201 S. Beretania St.
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Hidaka, Noboru, 125, 46 (35) (III Lang., Lit. & Art) Hirashima, Japan; c/o Mrs. S. Maeda, 1877 Kalakaua Ave.
Hills, Kenneth L., 16, 8 (I Lang., Lit. & Art) 1508-C Emma St.
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Register of Students

Hong, Mary S., 289, 118 (IV Econ. & Bus.) 1520 Fort St.
Hong, Nakeal (I Econ. & Bus.) 133 Boyd Lane, (Withdrew)
Hong, William K., 115½, 49 (II Econ. & Bus.) 26 N. Kuakini St.
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Hurd, Dorothy F., 295, 113 (IV Lang., Lit. & Art) 1830 Punahou St.
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Inouye, Kenichi, 87, 41 (II Econ. & Bus.) Kahului, Maui; 842 Ocean View Ave.
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Irving, Roberta M., 167, 52 (II Lang., Lit. & Art) 927—11th Ave.
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Johnson, Ruth E., 91, 31 (2) (I Social Sciences) Kapperberg, Sweden; 2342 Ferdinand Ave.
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Judd, Betty, 48, 16 (29) (II Nat. & Phys. Sci.) Washington Place
Judd, Sophie, 47, 16 (I Social Sciences) Washington Place
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1319 Emma St.
Kam, Nellie, 52, 29 (II Econ. & Bus.) 18 McGrew Lane. (Withdrew)
Kamada, Matsuyuo, 33, 16 (I Social Sciences) Hanapepe, Kauai;
902 Kinaw St.
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2808 Wai'alae Ave.
Kamonoh, Irene, 287, 133 (IV Social Sciences) 2004 Republican St.
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North Dakota Medical School, University, N. D.
Katsunuma, Woodrow N., 37, 18 (I Pre-Legal) 2304 Metcalf St.
Kau, Benjamin L., 149½, 54 (II Econ. & Bus.) 1858 Liliha St.

*To receive degree upon satisfactory completion of first year at medical school.
Kawakami, Betty M., 111, 44 (II Lang., Lit. & Art) Wailuku, Maui; 1212 Lunalilo St.
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Kent, Edward F., 52, 19 (I Pre-Legal) U. S. Naval Hospital, Pearl Harbor, T. H.
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Kimura, Ayako, 211, 84 (III Social Sciences) 2259 Hiu St.
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Kuramoto, Rinkoro, 245, 116 (IV Econ. & Bus.) 1229 Young St.
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Lau, Chun Kwong, 209, 95 (III Econ. & Bus.) 21 Kung Sun St., Shekki, Chung Shan, Canton, China; 1108—8th Ave.
Lau, Hung Sun, 32, 15 (I Lang., Lit. & Art) 1420-A Keaumoku St.
Leavitt, Barbara W., 47, 16 (23) (II Lang., Lit. & Art) Vancouver Highway
Le Clair, Eva, 405, 118 (11) (IV Lang., Lit. & Art) 2606 Anuenue St.
Lee, Bung Chong, 43, 19 (I Econ. & Bus.) 72 N. Hotel St.
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<td>Lee, Herbert K.</td>
<td>52</td>
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<td>Lee, Kim T.</td>
<td>48</td>
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<td>Econ. &amp; Bus.</td>
<td>3765 Harding Ave.</td>
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<td>84</td>
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<tr>
<td>Leong, Irene S.</td>
<td>16</td>
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<td>2176 Lewalani Dr.</td>
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<td>124</td>
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<td>91</td>
<td>IV</td>
<td>Lang., Lit. &amp; Art</td>
<td>2 Mei Cha Hutung, Peking, China; 1020 Iseberg St.</td>
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<td>60</td>
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<td>46 Bow Yuen St., Canton, China; 1548 Kewalo St.</td>
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<td>52</td>
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<td>Linnetmann, Irma</td>
<td>51</td>
<td>II</td>
<td>Nat. &amp; Phys. Sci.</td>
<td>2425 E. Manoa Rd.</td>
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<td>Lo, May Day</td>
<td>15</td>
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<td>124</td>
<td>IV</td>
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<td>1119 Lunailio St.</td>
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<td>1237-B Palama St.</td>
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<td>Econ. &amp; Bus.</td>
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<td>Lo, May Day</td>
<td>15</td>
<td>I</td>
<td>Social Sciences</td>
<td>1020 Isenberg St.</td>
</tr>
</tbody>
</table>

Register of Students
Medoff, Isadore I., 49, 16 (IV Econ. & Bus.) 5158 Parkside Ave., Philadelphia, Penn.; 2037-B Kalakaua Ave.
Mihara, Tamayo, (I Lang., Lit. & Art) Hakalau, Hawaii; 902 Kinau St.
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Mizuno, Yukie, 30, 17 (I Econ. & Bus.) 1342 Kona St.
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Nishimura, Ayame, 95, 46 (II Social Sciences) 47 Kuhio Ave., Hilo, Hawaii; 624 Quinn Lane
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Oda, Hiromu (III Lang., Lit. & Art) 44-C S. School St.
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Oishi, Tani, 23, 15 (I Social Sciences) Box 113, Hilo, Hawaii; 1313 Kamehameha Ave.
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Pond, Richard C., 109, 46 (II Econ. & Bus.) 2625 Anuenue St.
Porteus, Hebden, 308, 91 (III Pre-Legal) 2620 Anuenue St.
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Robinson, Arnett G., 23, 13 (I Econ. & Bus.) 1118 Hassinger St.
Rosemond, Vera, 50, 17 (I Pub. Health) 717 Judd St.
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Smith, Robert G., 48, 17 (44) (II Lang., Lit. & Art) 1311 Center St.
Smith, Thelma E., 341, 93 (III Social Sciences) 2108 Oahu Ave.
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St. Sure, Robert E., 226, 112 (IV Social Sciences) Haiku, Maui; 1747 Wilder Ave.
Suzuki, Henry Y., 47, 20 (I Pre-Medical) 1289 S. King St.
Sweetman, (Mrs.) Clarice, 39, 17 (I Pub. Health) Hilo, Hawaii; 854—12th Ave.
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<td>Takasaki, Moses</td>
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<td>3528 Hinahina St.</td>
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<td>Takeda, Doro</td>
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<td>119</td>
<td>(IV Social Sciences)</td>
<td>1710 Fort St.</td>
</tr>
<tr>
<td>Takeshima, Kasumi</td>
<td>358</td>
<td>117</td>
<td>(IV Lang., Lit. &amp; Art)</td>
<td>925 Kapaakea Lane</td>
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<tr>
<td>Takimoto, Keichi</td>
<td>23</td>
<td>13</td>
<td>(I Social Sciences)</td>
<td>1636 Clarke St.</td>
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<tr>
<td>Tam, Richard K.</td>
<td>284</td>
<td>94</td>
<td>(III Nat. &amp; Phys. Sci.)</td>
<td>Makawao, Maui; 1401 Kewalo St.</td>
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<td>Tamashiro, Hatsuko</td>
<td>178</td>
<td>79</td>
<td>(III Nat. &amp; Phys. Sci.)</td>
<td>Lawai, Koloa, Kauai; 1458 Auld Lane</td>
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<tr>
<td>Tan, Peace</td>
<td>42</td>
<td>15</td>
<td>(I Lang., Lit. &amp; Art)</td>
<td>1508 Keeaumoku St.</td>
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<tr>
<td>Tan, Raymond B.</td>
<td>39</td>
<td>18</td>
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<td>1508 Keeaumoku St.</td>
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<tr>
<td>Tanaka, Masahiro</td>
<td>26</td>
<td>14</td>
<td>(I Social Sciences)</td>
<td>Box 216, Hakalau, Hawaii; 610 S. King St.</td>
</tr>
<tr>
<td>Takeshi, Isami</td>
<td>215</td>
<td>66</td>
<td>(II Social Sciences)</td>
<td>Hilo, Hawaii; 1839 Anapuni St.</td>
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<tr>
<td>Tay, Betty</td>
<td>89</td>
<td>47</td>
<td>(II Lang., Lit. &amp; Art)</td>
<td>2413 E. Manoa Rd.</td>
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<tr>
<td>Tay, Ruth M.</td>
<td>249</td>
<td>84</td>
<td>(II Lang., Lit. &amp; Art)</td>
<td>2413 E. Manoa Rd.</td>
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<tr>
<td>Tenn, Ida</td>
<td>237</td>
<td>117</td>
<td>(IV Social Sciences)</td>
<td>Hawai, Hawaii; 1927 Coyne St.</td>
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<tr>
<td>Tenney, Robert I.</td>
<td>56</td>
<td>16</td>
<td>(III Econ. &amp; Bus.)</td>
<td>Tripler Hospital, T. H.</td>
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<tr>
<td>Thomas, Adrianne N.</td>
<td>27</td>
<td>15</td>
<td>(I Lang., Lit. &amp; Art)</td>
<td>101 Schofield Barracks, T. H.</td>
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<td>Thompson, Francis O.</td>
<td>53</td>
<td>19</td>
<td>(III Social Sciences)</td>
<td>428 E. Hawthorne St., Stockton, Calif.; 2171 Atherton Rd.</td>
</tr>
<tr>
<td>Togawa, Hayato</td>
<td>158</td>
<td>54</td>
<td>(II Econ. &amp; Bus.)</td>
<td>30 Kapena St.</td>
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<td>Tokushige, Eddie</td>
<td>163</td>
<td>87</td>
<td>(III Econ. &amp; Bus.)</td>
<td>Heeia, Oahu; 1516 Evelyn St.</td>
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<tr>
<td>Tom, Lin</td>
<td>97</td>
<td>54</td>
<td>(II Econ. &amp; Bus.)</td>
<td>108 N. Kukui St.</td>
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<tr>
<td>Tom, Stanley</td>
<td>153</td>
<td>72</td>
<td>(II Econ. &amp; Bus.)</td>
<td>1395 S. Beretania St.</td>
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<tr>
<td>Tominaga, Torao</td>
<td>204</td>
<td>87</td>
<td>(III Nat. &amp; Phys. Sci.)</td>
<td>1839 Anapuni St.</td>
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<tr>
<td>Tomita, Hatsuo</td>
<td>41</td>
<td>15</td>
<td>(I Econ. &amp; Bus.)</td>
<td>2047 Kula Rd.</td>
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<tr>
<td>Tomoya, Kokiichi</td>
<td>38</td>
<td>17</td>
<td>(I Econ. &amp; Bus.)</td>
<td>3428 Edna St.</td>
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<td>Tong, Elsie</td>
<td>47</td>
<td>16</td>
<td>(I Social Sciences)</td>
<td>378 Kukui St.</td>
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<tr>
<td>Tong, Thomas C.</td>
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<td>52</td>
<td>(II Econ. &amp; Bus.)</td>
<td>378 N. Kukui St.</td>
</tr>
<tr>
<td>Trent, Robert R.</td>
<td>6</td>
<td>2</td>
<td>(II Pre-Legal)</td>
<td>1201 Alewa Dr. (Withdrew)</td>
</tr>
<tr>
<td>Tsui, Sik Fun</td>
<td>24</td>
<td>10</td>
<td>(I Social Sciences)</td>
<td>Box 93, Waimea, Kauai; Nuuanu Y. M. C. A.</td>
</tr>
<tr>
<td>Turner, Elizabeth L.</td>
<td>118</td>
<td>51</td>
<td>(72) (IV Lang., Lit. &amp; Art)</td>
<td>2436 Oahu Ave.</td>
</tr>
<tr>
<td>Turner, Philip C.</td>
<td>27</td>
<td>14</td>
<td>(I Social Sciences)</td>
<td>MacDonald Hotel</td>
</tr>
<tr>
<td>Tyau, Charles K.</td>
<td>165</td>
<td>83</td>
<td>(III Econ. &amp; Bus.)</td>
<td>31 Pawale Lane Uchida, Kiyoshi, 27, 10 (I Econ. &amp; Bus.) Seaside Hotel</td>
</tr>
<tr>
<td>Uchimura, Masahiro</td>
<td>44</td>
<td>17</td>
<td>(I Social Sciences)</td>
<td>Box 277, Hilo, Hawaii; 421 N. Vineyard St.</td>
</tr>
<tr>
<td>Uchimura, Sumitaka</td>
<td>33</td>
<td>11</td>
<td>(I Social Sciences)</td>
<td>Kealakekua, Kona, Hawaii; 1815 S. King St.</td>
</tr>
<tr>
<td>Van Wyck, (Mrs.) Louise W.</td>
<td>69</td>
<td>20</td>
<td>(93) (IV Lang., Lit. &amp; Art)</td>
<td>MacDonald Hotel</td>
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<tr>
<td>Vorfeld, Charlotte A.</td>
<td>27</td>
<td>17</td>
<td>(I Lang., Lit. &amp; Art)</td>
<td>814 Green St.</td>
</tr>
</tbody>
</table>
University of Hawaii

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 University of Hawaii; figures in parentheses indicate advanced standing credits allowed from other institutions. Roman numerals indicate class—I Freshman, II Sophomore, etc.

Abe, Yaso, 189, 87 (III Voc. Educ., Agric.) Holualoa, Hawaii; Seas­side Hotel
Achilles, Carolyn, 35, 17 (I Home Econ.) Kohala, Hawaii; Mid­Pacific Institute
Aihara, Kenji, 106½, 53 (II Civ. Eng.) 1531 Gulick Ave.
Akamine, Ernest K., 34, 18 (I Agric.) Waiakea, Camp No. 4, Hilo, Hawaii; 2207 Kamehameha IV Rd.
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Akana, David A., 238, 125 (IV Voc. Educ., Agric.) Box 37, Napoo­poo, Hawaii; 1309 Young St.
Akana, William, 15, 8 (I Agric.) Kealakekua, Hawaii; 1049—11th Ave.
Akau, George, Jr., 30, 14 (I Sugar Tech.) 5 Kukua St., Hilo, Hawaii; 3724 Mahina St.
Akita, Hajime, 65, 18 (I Pre-Medical) 1234 Nuuanu Ave.
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Araki, Takehiro, 19, 13 (I Pre-Medical) Kealakekua, Hawaii; 2201 S. Beretania St.
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Blackstad, Theodore A., 91, 61 (II Agric.) Hanamaulu, Kauai; Men's Dormitory
Bootton, John Jr., 20, 14 (I Gen. Sci.) 927 Prospect St.
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Castle, (Mrs.) Myrtle B., 214, 75 (III Home Econ.) 3089 Pacific Heights Rd.
Castle, Northrup H., 34, 14 (I Gen. Sci.) 3089 Pacific Heights Rd.
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Chang, Gabriel F., 10, 5 (I Pre-Medical) 3216 Olu St.
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Char, Ben K., 37, 19 (1) (I Pre-Medical) 1548 Young St.
Ching, Ah Fong, 97%, 51 (II Civ. Eng.) 2648 Kalihi St.
Ching, Ah Seong, 203, 97 (III Agric.) Kalihi-uka near Kalihi Orphanage
Ching, Bessie, 313, 134 (IV Voc. Educ., H. E.) 2131 Dole St.
Ching, Charles K., 155%, 54 (II Civ. Eng.) Kapaa, Kauai; 1436-C Lunalilo St.
Ching, Clarence M., 32, 16 (I Pre-Medical) 1675 Kamamalu Ave.
Ching, Edith N., 31, 15 (I Home Econ.) Lawai, Koloa, Kauai; 1936 Wilder Ave.
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Choy, Robert, 102%, 48 (II Civ. Eng.) Punaluu, Oahu; 1928 Eluwene St.
Chun, David B., 294, 131 (IV Voc. Educ., Agric.) 60 N. School St.
Chun, Edwin Y., 254, 91 (III Agric.) 572-A South St.
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Douse, George H., 94%, 52 (II Sugar Tech.) 835—11th Ave.
Duker, Katherine L., 242, 87 (III Gen. Sci.) 2115 Damon St.
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Emma St.

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(Withdrew).

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Fruto, Lorenzo, 26, 14 (35) (II Civ. Eng.) 86 M. de Divisoria,
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Fujikawa, Hajime, 48 1/2, 24 1/2 (Civ. Eng.) 1710 Fort St.

Fujita, Francis L., 239 1/2, 95 (III Civ. Eng.) 3222 Brokaw St.

Fujiwara, Thomas F., 248 1/2, 92 (III Pre-Medical) 2101 Makanani
St.

Fukuda, Isaac, 276, 140 (2) (IV Gen. Sci.) 808 Laniwai St.

Fukunaga, Edward T., 164, 55 (II Gen. Sci.) c/o Manoa Japanese
School

Fukushima, Tadashi, 51, 19 (I Civ. Eng.) Box 5, Kamuela, Hawaii;
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Ave.

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gton St.

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loa, N. Kona, Hawaii; 2151 Atherton Rd.

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Hew, Alfred, 137, 56 (II Pre-Medical) Box 53, Paia, Maui; 1934 S. King St.

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Hirai, Sakai, 171½, 80 (III Civ. Eng.) 101 Jack Lane
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Hiura, Fred, 90½, 54 (II Pre-Medical) Hiroshima, Japan; 43 S. Vineyard St.
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Howell, William, 13, 13 (67) (II Sugar Tech.) 1552 Keaumoku St.
Hu, Rene C., 16, 8 (I Agric.) 1986 Pauoa Rd
Hu, Wing Chung, 155½, 82 (III Civ. Eng.) Lihue, Kauai; 1986 Pauoa Rd.

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Ichimura, Kenichi, 276½, 89 (III Pre-Medical) 1518-F Liliha St.
Ige, Yuichi, 40, 16 (I Agric.) R. F. D. Box 100, Haiku, Maui; 729 Waiaakamilo Rd.
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Inaba, Yoshiio, 76½, 43 (II Civ. Eng.) Box 130, Holualoa, Hawaii; Box 1384, Honolulu

Inn, Kenneth K., 94, 46 (II Pre-Medical) 1506 Miller St.
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Ishikawa, Wataru, 80, 48 (II Pre-Medical) Box 330, Kealakekua, Hawaii; 1814 S. King St.
Itagaki, Shigeru, 329, 136 (IV Pre-Medical) 1211 Palama St.
Ito, Noboru, 50, 19 (I Pre-Medical) Kapaa, Kauai; 2675 Nakookoo St.

Iwaoka, Noboru, 136½, 56 (II Voc. Educ., Agric.) 2006-A Lusitana St.
Jenkins, Lucius F., 45, 15 (35) (II Civ. Eng.) 320 Welcome St., Los Angeles, Calif.; Box 2848, Honolulu
Johnson, Bruce H., 19, 9 (I Gen. Sci.) 1646 Clark St.
Jones, Cornelia H. (33½) (II Home Econ.) 2230 Kamehameha Ave.
Judd, David S., 210, 93½ (4) (III Gen. Sci.) 2021 Kakela Dr.
Kadota, Kayo, 27, 17 (I Home Econ.) 1011-F Pawaa Lane
Kagawa, Shinso, 129, 64 (II Pre-Dental) 1521 Young St.
Kagawa, Yoshinobu, 162½, 55 (II Pre-Medical) 204 Kahului, Maui; 3734 Harding Ave.
Kahale, Lydia C., 21, 11 (I Home Econ.) 1536 Murphy St.
Kakalia, William, 11, 9 (I Pre-Medical) 612 Coral St.
Kam, Aileen K., 35, 17 (I Home Econ.) 1911 Dole St.
Kaneshiro, Francis T., 22, 16 (I Pre-Dental) Box 777, Waipahu, Oahu; Mid-Pacific Institute. (Withdrew)
Kaneshiro, Jushin, 307, 127 (2) (IV Agric.) 791 Kinoole St., Hilo, Hawaii; 2206 Wilder Ave.
Kashiwa, Shiro, 125, 55 (II Gen. Sci.) Box 165, Waialua, Oahu; 925 Kapaakea Lane
Kauinana, Mary K., 226, 118 (IV Voc. Educ., H. E.) 450 Cooke St.
Kawakami, Norito, 283½, 92 (III Agric.) Waimea, Kauai; 610 S. King St.
Kawakami, Sakai, 18, 11 (I Civ. Eng.) Pahoa, Hawaii; 1823 S. King St.
Kawakami, Sueo, 21, 16 (I Civ. Eng.) Box 233, Kealakekua, Hawaii; 2728 S. King St.
Kawakami, Yoshio, 43, 18 (I Gen. Sci.) Kalaheo, Kauai; 1239 S. King St.
Kawamura, Fred H., 216, 90 (III Agric.) 941 Pumehana St.
Kawamura, Shoichi, 49, 18 (I Gen. Sci.) 81 Laimi Rd.
Kawaoka, Wallace, 153, 53 (II Pre-Medical) Box 65, Eleele, Kauai; 1710 Fort St.
Kilburn, Rolland W., 35, 18 (I Civ. Eng.) 1426 Keeaumoku St.
Kim, Hiram Y. (I Pre-Medical) Waialua, Oahu; Y. M. B. A. Dormitory, Fort St.
Kim, Joseph H., 75, 48 (1) (II Voc. Educ., Agric.) c/o Waiahole School, Heeia, Oahu; 129 Boyd Lane
Kim, Peter H., 90½, 51 (II Voc. Educ., Agric.) Box 145, Waialua, Oahu; 1506 Frear St.
Kimata, Harold T., 158½, 89 (III Pre-Medical) Eleele, Kauai; 927 N. Vineyard St.
Kimoto, Lawrence H., 276, 125 (IV Voc. Educ., Agric.) Box 689, Wailuku, Maui; 1839 Anapuni St.
Kimura, Minoru, 228½, 91 (III Pre-Medical) 2505 Rose St.
Kishi, George T., 60, 39 (II Civ. Eng.) Oili Rd.
Kitamura, Tadao, 133½, 54 (II Gen. Sci.) Waianae, Oahu; 1023 Kikeke Ave.
Kiyosawa, Mildred H., 167, 93 (III Home Econ.) Kuakiau, Hawaii; 1429 Makiki St.
Kobatake, Daiji, 145, 56 (II Civ. Eng.) Box 1163, Hilo, Hawaii; 1554 Kalakaua Ave.
Kodama, Peggy, 230½, 93½ (III Voc. Educ., H. E.) Lahaina, Maui; Women's Dormitory
Koga, Masao, 162½, 79 (III Agric.) Olaa, Hawaii; Nuuanu Japanese Church
Komesu, Seiichi, 148, 56 (II Pre-Medical) 2013 Uhu St.
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Kondo, Robert, 17, 12 (I Agric.) Kapaa, Kauai; 1839 Anapuni St.
Konishi, Harry, 97, 51 (II Pre-Medical) 1240 Aala Lane
Kono, Kenneth K., 111½, 52 (II Gen. Sci.) Box 581, Lihue, Kauai; 425 N. King St.
Kosch, Kermit (I Sugar Tech.) 8th F. A., Schofield Barracks, T. H.
Kruse, Arnold A., 111½, 50 (II Sugar Tech.) Kekaha, Kauai; Men’s Dormitory
Kubota, Akio, 32, 16 (I Agric.) Lawai, Kauai; 1239 S. King St.
Kubota, Hisashi, 47, 17 (I Gen. Sci.) Box 306, Waikeha, Kauai; 1239 S. King St.
Kunimoto, Yoshio, 78, 39 (II Civ. Eng.) Onomea, Hawaii; 506 Hawaiian Trust Bldg.
Kuon, John J., 47, 19 (I Agric.) 2331 N. King St.
Kurakake, Tsuyoshi, 45, 18 (I Gen. Sci.) Box 178, Lahaina, Maui; 79 N. School St.
Kurashige, Wilfred, 156, 56 (II Pre-Medical) Box 100, Holualoa, Hawaii; 770 S. Beretania St.
Kurashita, Herbert T., 57, 17 (I Gen. Sci.) 1002 Leialoha Ave.
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Lee, Harold K., 86½, 44 (II Agric.) 2137 Wilder Ave.
Lee, Joseph T., 40½, 31 (II Pre-Medical) 1310 Iao Lane
Lee, Katy C., 76, 46 (II Voc. Educ., H. E.) 1327 Pua Lane
Lee, Margaret S., 105, 56 (II Voc. Educ., H. E.) 1505 Fort St.
Lee, Robert, 419½, 182½ (IV Civ. Eng.) 2041 Iocolena St.
Lee, Vera, 17, 12 (I Home Econ.) 632 Magellan Ave.
Leon, Nora, 95, 52 (II Voc. Educ., H. E.) 1709-B Iliahi St.
Leong, Amy S., 72, 50 (II Voc. Educ., H. E.) 5-A Kokio Lane
Leong, Elizabeth, 310, 126 (IV Gen. Sci.) 1736 Lewalani Dr.
Leong, Lo Yim, 145, 80 (III Voc. Educ., H. E.) 934—8th Ave.
Leong, Richard K., 103½, 53 (II Voc. Educ., Agric.) Box 86, Kahuku, Oahu; 938 Winant St.
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Leong, Walsh, 266, 12 (IV Civ. Eng.) 1334—9th Ave.
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Liu, Walter, 144, 56 (1) (II Gen. Sci.) 112 S. School St.
Loo, Walter S., 214½, 92 (III Pre-Medical) Box 517, Hilo, Hawaii; 1925 Dole St.
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Louis, Lucille, 70, 18 (I Gen. Sci.) 1060 Koko Head Ave.
Loveland, Robert M., 284, 120 (IV Gen. Sci.) 1125—11th Ave.
Luke, Hing Yee, 107½, 55 (II Gen. Sci.) 1308 Date St.
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Lum. Wa Hop (I Civ. Eng.) Paia, Maui; 2040 Wilder Ave. (Withdraw)

*To receive degree upon satisfactory completion of first year at medical school.
Lum-King, Bernice, 304, 128 (IV Voc. Educ., H. E.) 1317 S. Beretania St.
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Lyman, David Belden, 47½, 18½ (I Sugar Tech.) 941 Koko Head Ave.
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Malone, Duane W., 84½, 53 (II Sugar Tech.) 3050 Kiele Ave.
Maruyama, Charles I., 37, 19 (I Agric.) 57 S. Kuakini St.
Maruyama, Yoshio, 37, 26 (II Agric.) Shirowamura, Haibaragun, Shizuokaken, Yokohama, Japan; c/o Rev. Okumura, King St.
Masuda, Haruo, 202, 89 (III Agric.) 79 N. School St.
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Matsumoto, Richard, 14, 13 (I Agric.) 2019 S. Beretania St.
Matsumoto, Walter T., 160, 58 (II Civ. Eng.) 2158-B Wilcox Lane
McCluskey, Donald, 46, 15 (I Gen. Sci.) 1698 Mott-Smith Dr.
Midorikawa, Haruko, 199, 76 (II Home Econ.) 1774 Algaroba St.
Mirikitani, Carl M., 387, 121 (IV Pre-Medical) 1788 Ala Moana Rd.
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Miyake, James H., 269, 130½ (IV Civ. Eng.) 1650 Nuuanu Ave.
Miyamoto, Mitsuo, 53, 18 (I Pre-Medical) Box 58, Hilo, Hawaii; 1710 Fort St.
Mizuta, Richard K., 51, 19 (I Agric.) 236 N. Vineyard St.; 1609 Philip Ave.
Monden, Toshito R., 38, 18 (I Agric.) Laupahoehoe, Hawaii; 644 Waiakamilo Rd.
Morimoto, Benjamin, 90, 52 (II Gen. Sci.) Waimea, Kauai; 2114 Wilder Ave.
Morishige, Noboru, 85½, 43 (II Civ. Eng.) Paia, Maui; 519 S. Queen St.
Moriwaki, Yutaka, 110½, 49 (II Agric.) Hanamaulu, Kauai; 1710 Fort St.
Murasaki, Masao, 48, 18 (I Agric.) Box 147, Wahiawa, Oahu; 2015 Makiki Round Top
Murasaki, Tamotsu C., 31, 14 (I Civ. Eng.) Lanai City, Lanai; 280 N. Beretania St.
Muroki, Kiyomi, 258½, 84 (III Sugar Tech.) Paia, Maui; 1239 S. King St.
Murphy, Richard C., 25, 12 (II Gen. Sci.) Wheeler Field, T. H.; 2327 Liloa Rise

Nahm, Matthew M., 186, 58 (II Civ. Eng.) 1330 S. Beretania St.
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Nakamoto, Katsumi, 320, 130 (IV Civ. Eng.) Wailuku, Maui; 1511 Piikoi St.
Nakamoto, Shosaku, 39, 18 (I Gen. Sci.) Wailuku, Maui; 1511 Piikoi St.
Nakano, David, 17, 11 (I Agric.) 3169 Harding Ave.
Nakano, Masao, 44, 17 (I Sugar Tech.) Makaweli, Kauai; 1521 Enos Lane
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Nakamura, Matsuhei, 314, 135 (IV Agric.) 1725 S. King St.
Nishigaya, Toru, 81, 44 (II Pre-Medical) 145 Kukui St.
Nishijima, Takeshi, 40, 20 (I Pre-Medical) 53 S. Kukui St.
Nishimura, Matsuhei, 314, 135 (IV Agric.) 1725 S. King St.
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Obayashi, Tsuneo, 177, 94 (III Civ. Eng.) Box 95, Naalehu, Kau, Hawaii; 402 Keawe St.
Obayashi, Tsuneo, 177, 94 (III Civ. Eng.) Box 95, Naalehu, Kau, Hawaii; 402 Keawe St.
Ohara, Kenneth K., 362, 125 (IV Voc. Educ., Agric.) 533 Cooke St.
Ohtani, Ralph N., 330½, 124½ (IV Gen. Sci.) 918 Thompson St.
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Okawa, Masao, 64, 43½ (II Pre-Medical) 1119 Nehoa St.
Okazaki, Mitsuo, 117, 50 (II Voc. Educ., Agric.) Box 236, Hakalau, Hawaii; 1018 McCully St.
*Omori, Ethel H., 239, 102 (IV Pre-Medical) Tufts Med. School, Boston, Mass.
Omori, Kunji, 112½, 66 (II Civ. Eng.) Kealia, Kauai; 1239 S. King St.
Omuro, Yoshio, 280, 120 (IV Agric.) Spreckelsville, Maui; 79 N. School St.
Onaga, John, 71, 37 (I Agric.) Watertown, Oahu
Onodera, Kenji, 120½, 52 (II Gen. Sci.) 301 N. School St.
Onouye, Richard, 33, 19 (I Pre-Medical) 858 Lakimela Lane
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Ota, Robert K., 119½, 56½ (II Pre-Medical) 79 N. School St.
Paguia, Ramon, 320, 136 (IV Sugar Tech.) Kingwa, Bulacan, P. I.; 802 Kanoa St.
Pang, Bertha K., 277, 98 (2) (III Voc. Educ., H. E.) 1409-C Cunha Lane No. 4
Pang, Richard Y., 99½, 51 (II Civ. Eng.) 244 Kukui St.
Park, Edward, 176, 96 (III Civ. Eng.) 507 Iolani Ave.
Patterson, Fred D., 63, 26 (51) (III Agric.) 108—3rd Ave. S., South St. Paul, Minn.; 2171 Atherton Rd.
Penhallow, Charles F., 324½, 94 (III Civ. Eng.) Waiakoa, Maui;
Men's Dormitory
Prescott, Warren F., 19, 11 (I Agric.) 2830 Coconut Ave.

*To receive degree upon satisfactory completion of first year at medical school.
<table>
<thead>
<tr>
<th>Name</th>
<th>Age</th>
<th>Class</th>
<th>Major</th>
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</tr>
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<tbody>
<tr>
<td>Rickard, Elizabeth K.</td>
<td>31</td>
<td>16</td>
<td>(I Gen. Sci.) 221 Kinoole St., Hilo, Hawaii</td>
<td>1319 Emma St.</td>
</tr>
<tr>
<td>Robinson, Hazel E.</td>
<td>24</td>
<td>13</td>
<td>(I Home Econ.) 1451 Kewalo St. (Withdrawn)</td>
<td></td>
</tr>
<tr>
<td>Sagum, Felizardo</td>
<td>17</td>
<td>10</td>
<td>(I Sugar Tech.) Box 6, Pauwela, Maui</td>
<td>802 Kanoa St.</td>
</tr>
<tr>
<td>Saiki, Leinani</td>
<td>337</td>
<td>122</td>
<td>(IV Voc. Educ., H. E.) Hilo, Hawaii; Women’s Dormitory</td>
<td></td>
</tr>
<tr>
<td>Sakaguchi, Clarence</td>
<td>82</td>
<td>48</td>
<td>(II Pre-Medical) Kapaa, Kauai; 1411 Gulick Ave.</td>
<td></td>
</tr>
<tr>
<td>Sakai, Peter</td>
<td>224</td>
<td>89½</td>
<td>(III Civ. Eng.) 3167 Pahoa Ave.</td>
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<tr>
<td>Sakai, Toru</td>
<td>270</td>
<td>120</td>
<td>(IV Gen. Sci.) Hanapepe, Kauai; 872 Mission Lane</td>
<td></td>
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<tr>
<td>Sakata, Toshii</td>
<td>221</td>
<td>88</td>
<td>(III Pre-Medical) 3357 Pahoa Ave.</td>
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<tr>
<td>Samson, (Mrs.) Grace R.</td>
<td>443</td>
<td>129</td>
<td>(IV Voc. Educ., H. E.) 2410 East Manoa Rd.</td>
<td></td>
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<tr>
<td>Sanjume, Kenichi</td>
<td>80</td>
<td>42</td>
<td>(II Civ. Eng.) Laie, Oahu; 1750-A Coral Lane</td>
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<tr>
<td>Sekimoto, Carrie</td>
<td>95</td>
<td>45</td>
<td>(I Home Econ.) Kapulena, Hawaii; 854 Pumehana St.</td>
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<tr>
<td>Seong, Clarence</td>
<td>85½</td>
<td>44½</td>
<td>(II Agric.) Lahaina, Maui; 1220 Farrington St.</td>
<td></td>
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<tr>
<td>Serizawa, Sumi</td>
<td>122</td>
<td>54</td>
<td>(II Pre-Medical) 625 McNeill St.</td>
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<tr>
<td>Seto, Ah Wei</td>
<td>24</td>
<td>19</td>
<td>(I Pre-Medical) Box 1, Hanapepe, Kauai; 3923 Waialae Ave.</td>
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<tr>
<td>Shepherd, Ray A.</td>
<td>33</td>
<td>17</td>
<td>(I Civ. Eng.) 422 Waianuenue Ave., Hilo, Hawaii; 2327 Liloa Rise</td>
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<td>Sherman, Benjamin A.</td>
<td>37</td>
<td>20</td>
<td>(I Agric.) 1228 Lunailo St.</td>
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<td>Shigemi, Masayuki</td>
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<td>90</td>
<td>(III Voc. Educ., Agric.) 1881 N. King St.</td>
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<tr>
<td>Shimabukuro, Kiyoshi</td>
<td>39</td>
<td>19</td>
<td>(I Pre-Medical) Box 134, Laupahoehoe, Hawaii; Box 816, Honolulu</td>
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<tr>
<td>Shimada, Louis</td>
<td>339</td>
<td>158</td>
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<td>Shirakata, Tsutomu</td>
<td>117½</td>
<td>57</td>
<td>(II Pre-Medical) 79 N. School St.</td>
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<tr>
<td>Shiraki, Raymond</td>
<td>176</td>
<td>81</td>
<td>(III Gen. Sci.) 1209 Elm St.</td>
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<tr>
<td>Smith, Richard M.</td>
<td>59</td>
<td>20</td>
<td>(II Agric.) 1090 Spencer Ave.</td>
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<tr>
<td>Shiro, Masao</td>
<td>108½</td>
<td>45</td>
<td>(II Civic Eng.) Spreckelsville, Maui; 1471-A Nuuanu St.</td>
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<td>Sousa, George N.</td>
<td>11</td>
<td>10</td>
<td>(I Sugar Tech.) 1322—10th Ave.</td>
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<td>Souza, Joseph</td>
<td>14</td>
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<td>(I Civ. Eng.) 2181 Pauoa Rd.</td>
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<td>Spillner, Agnes D.</td>
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<td>Spillner, Gertrude M.</td>
<td>139</td>
<td>56</td>
<td>(II Voc. Educ., H. E.) 2157 Liliha St.</td>
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<td>Sugai, Ryochi</td>
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<td>Sugai, Yuki</td>
<td>143</td>
<td>55</td>
<td>(II Voc. Educ., H. E.) 914 Pumehana St.</td>
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<td>Sugihara, Masato</td>
<td>71</td>
<td>41</td>
<td>(II Agric.) 656 N. School St.</td>
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<tr>
<td>Sugimura, Doris S.</td>
<td>269</td>
<td>96</td>
<td>(III Home Econ.) Box 27, Honokaa, Hawaii; 2534 E. Manoa Rd.</td>
<td></td>
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<tr>
<td>Sun, Dorothy K.</td>
<td>18</td>
<td>11</td>
<td>(I Home Econ.) 2525 Rooke Ave.</td>
<td></td>
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<tr>
<td>Suzuki, Takashi</td>
<td>193</td>
<td>59</td>
<td>(II Civ. Eng.) 25 Kapena St.</td>
<td></td>
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<tr>
<td>Sylva, Irene B.</td>
<td>20</td>
<td>11</td>
<td>(I Home Econ.) Paia, Maui; Mid-Pacific Institute</td>
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<tr>
<td>Takase, Toyo</td>
<td>150</td>
<td>52</td>
<td>(II Voc. Educ., H. E.) 1111 Fort St.</td>
<td></td>
</tr>
</tbody>
</table>
Takemoto, Francis S., 53, 17 (I Sugar Tech.) 846 Coolidge St.

Takenaka, Kameichi, 141½, 58 (II Pre-Medical) Box 164, Ewa, Oahu; 610 S. King St.

Takishita, Asako, 12, 9 (I Home Econ.) Paia, Maui; 1727 Fort St.

Takumi, Kenzo, 28, 14 (I Civ. Eng.) Hamakuapoko, Maui; 1239 S. King St.

Tanimoto, Ralph H., 116, 45 (II Agric.) Wahiawa, Oahu; 1710 Fort St.

Tanimoto, Toshiyuki, 19 (I Sugar Tech.) Koloa, Kauai; 1426-A Young St.

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Ting, Lawrence F., 81, 45 (II Voc. Educ., Agric.) Box 162, Wailuku, Maui; 501 Kalihi St.


Tokumoto, Isamu, 30, 15 (I Agric.) Wahiawa, Oahu; 1710 Fort St.

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Toyofuku, Ronald T., 126, 59 (II Sugar Tech.) Wahiawa, Eleele, Kauai; 828 S. Beretania St.

Tracy, James C., 19, 10 (I Sugar Tech.) 2868 Laola Rd.

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Tyau, Roseline, 112, 56 (II Voc. Educ., H. E.) 31 Pawale Lane

Tyau, Steven, 79, 48 (II Pre-Medical) 3711 Wailalae Ave.

Tyau, Yuen Fong, 506½, 163 (IV Civ. Eng.) 1772 Lusitana St.

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Ung, George, 25, 12 (I Gen. Sci.) 189 Hinano St., Hilo, Hawaii; 610 S. King St.

Uno, Shoichi, 234, 90½ (III Agric.) 1743 S. King St.

Ushiroda, Tsuruyo, 28, 14 (I Home Econ.) Holualoa, Hawaii; 2626 Anuenue St.

Uyeno, Gladys, 39, 15 (I Home Econ.) 1111 Fort St.

Van Orden, Herbert, 245, 96 (III Civ. Eng.) 1623 Pensacola St.


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Watanabe Yasuji, 17, 12 (I Pre-Medical) 178 N. Kuakini St.
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Whittington, Elizabeth, 25, 15 (I Home Econ.) Waiohinu, Kau, Hawaii; 2050 Mohala Way
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Wong, Charles Y., 191, 84 (III Agric.) 1457 Auld Lane
Wong, Frank S., 91½, 44 (II Civ. Eng.) 1709-G Iliahi St.
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Wong, Walter W., 240, 93 (III Gen. Sci.) 1845-F Elena St.
Wong, Yan Sau, 232½, 90 (III Gen. Sci.) Cottage H, Pawale Lane
Woo, Francis H., 219½, 87 (III Civ. Eng.) 1041 Koko Head Ave.
Woo, Ivan, 31, 19 (I Gen. Sci.) 1041 Koko Head Ave.
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Wright, Marion Z., 57, 24 (I Home Econ.) 2162-A Atherton Rd.
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Yamaguchi, Yuri, 48, 18 (I Pre-Medical) 918—9th Ave.
Yamakawa, Kishin, 56½, 39 (II Agric.) Honohina, Hakalau, Hawaii; Honolulu Hotel, Vineyard St.
Yankoff, Victor, 31, 13 (I Agric.) 35 Kitaikaya St., Harbin, China; c/o A. J. Sandmeyer, Kahala
Yee, Francis L., 211½, 55 (II Gen. Sci.) 1614 Leilehua Dr.
Yasuda, Keizo, 170½, 87 (III Agric.) Kealakekua, Kona, Hawaii; University of Hawaii
Yee, Joseph W., 31, 18 (I Agric.) 1225—10th Ave.
Yee, Lurena S., 17, 12 (I Home Econ.) 1225—10th Ave.
Yonge, Helen, 49, 15 (I Home Econ.) Waipahu, Oahu
Yoshioka, Clarence K., 224, 95 (III Voc. Educ., Agric.) 3143 Paliuli Ave.
Yoshioka, Masaru, 32, 16 (I Gen. Sci.) 2841 Waialae Ave.
Yoshioka, Tadao, 97, 52 (II Agric.) 1750 Kamehameha IV Rd.
Young, Clarence, 31, 24% (I Agric.) c/o Hawaiian Pine Co., Waialua, Oahu
Young, Hong Yip, 377%, 128 (IV Gen. Sci.) 1333 Pensacola St.
Young, Philip, 278%, 96 (III Voc. Educ., Agric.) 1759 Fort St.
Yuen, Chun Kwai, 33, 14 (I Gen. Sci.) 427-AN King St.
Yuen, Seung Lin, 205%, 84 (III Pre-Medical) Box 167, Hilo, Hawaii; 1244 Fort St.

TEACHERS COLLEGE

Norm:—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.

Ah Moo, Aana S., 172, 84 (III) Honomu, Hawaii; 597 S. King St.
Aiwohi, Francis K., 177%, 57 (II) 69 Wyllie St.
Akahane, Marion, 30, 18 (I) Box 129, Holualoa, Hawaii; 2324 Metcalf St.
Akaka, Annie K., 366, 156 (V) 2005-A Ladd Lane
Akamu, Florence, 35, 17 (I) Naalehu, Kau, Hawaii; 2638 Kuahine Dr.
Akioka, Annie S., 98, 48 (II) Lahaina, Maui; 2742 Huapala St.
Akwai, Clarence A., 423, 151 (V) 3228 Esther St.
Akiiona, Annie S., 98, 48 (II) Lahaina, Maui; 2742 Huapala St.
Atebara, Masato, 41, 16 (I) Box 87, Hilo, Hawaii; 2226 Hyde St.
Atrizumi, Sadako, 348, 115 (IV) 1530-G Holt Lane
Asakura, Benzo, 41, 16 (I) Box 87, Hilo, Hawaii; 2226 Hyde St.
Asam, Sybil K., 107, 48 (II) 955—6th Ave.
Atebara, Masato, 41, 16 (I) Box 87, Hilo, Hawaii; 2226 Hyde St.
Au, Anna, 51, 18 (I) 989 Ahepo Lane
Ayu, Lei, 185, 70 (III) Hoolehua, Molokai; 923 Lokahi St.
Azevedo, Mary, 89, 46 (II) Olaa, Hawaii; 3443 Pakui and 9th Ave.
Baptiste, Helene, 93, 49 (II) Koloa, Kauai; Kauai Home
Barba, Arturo, 9, 6 (51) (II) Vigan, Ilocos Sur, P. I.; 2030 Kealoha St.
Beic, Alice, 179, 64 (66) (IV) 324-A Seaside Ave.
Benton, Dorothy, 248½, 83½ (III) Waimea, Kauai; Women's Dormitory
Bevins, Mildred, 147, 77 (III) Wailuku, Maui; Women's Dormitory
Bickerton, (Mrs.) Agnes C., 147, 56 (72%) (IV) 2844 Park Rd.
Black, Mary, 364, 182 (IV) Box 1105, Hilo, Hawaii; 2065 Lanihuili Dr.
Booth, Nancy F., 36, 12 (32) (II) 131 Schofield Barracks, T. H.
Brede, (Mrs.) Bernice M., 193, 77 (III) 1402 Farrington St.
Burmeister, (Mrs.) Tamara, 121, 49 (II) Cottage A, Kamehameha Schools
Cain, (Mrs.) Mary Ann, 177, 80½ (II) Wahiawa, Oahu; 3413 Winam Ave.
Calhau, Mabel, 181, 83 (III) 148 S. Beretania St.
Cambra, Emily F., 213, 79 (III) 221 Auwaiolimu St.
Capellas, Laurence, 34, 16 (I) Box C, Hakalau, Hawaii; Men's Dormitory
Carey, Loraine, 72, 21 (91) (IV) Beach Walk Inn
Cathcart, Edith K., 105, 47 (II) Kaunakakai, Molokai; 800-E Waialakamilo Rd.
Chambers, Stella, 29, 16 (45 2/3) (II) 2029 Kalia Rd.
Chan, Helen, 328, 131 (IV) 1237—13th Ave.
Chang, Edna, 320, 91 (III) 35-B Kuakini St.
Chang, Inpung, 174, 81 (III) 1508-A4 Nuanu Ave.
Chang, Juanita, 198, 103 (IV) Waimea, Kauai; Women's Dormitory
Chang, Kam Yuk N., 89, 41 (II) 1326 Piikoi St.
Chang, Mabel N. M., 259, 78 (3) (III) 35-B Kuakini St.
Chang, Rose K. M., 212, 101 (22) (IV) 1621 Keeauamoku St.
Char, (Mrs.) Alyce Chang-Tung, 300, 119 (IV) 1548 Young St.
Char, Ella K. H., 239, 99 (2) (III) 1548 Young St.
Char, Irene, 313, 158 (4) (V) 2020-A Wilder Ave.
Char, Lillie K. H., 131, 47 (II) 1548 Young St.
Char, Rosalie S. Y., 127, 47 (II) 602 Holokahana Lane
Cheo, Wan Sen, 98, 51 (II) Women's Dormitory
Ching, Alice, 224, 91 (III) 713 Panui St.
Ching, (Mrs.) Anna L. T., 244, 111 (2) (IV) 315 Kalihi St.
Ching, Chan, 128½, 54 (II) Box 86, Wailuku, Maui; 1925 Dole St.
Ching, Ellen, 50, 17 (1) (I) Hanalei, Kauai; 3401 Maunaola Ave.
Ching, Margaret, 193, 85 (III) 1237-B Pua Lane
Ching, (Mrs.) Myra, 325, 140 (IV) 3473 Hardey St.
Ching, Priscilla L. H., 98, 45 (II) Box 66, Wailuku, Maui; 902 Kinau St.
Ching, Ruth, 8, 4 (I) 1344 Moi Rd.
Ching, Theresa, 256, 113 (IV) Hawaii Smoke Shop
Ching-Shai, Theodora, 348, 128 (IV) 1122 Kinau St.
Chock, Daisy, 130, 48 (II) 1485 Liliha St.
Chock, Edith S. K., 228, 84 (III) 1485 Liliha St.
Chock, Nellie, 134, 54 (II) 927—10th Ave.
Chong, Alice, 247, 84 (III) 1815 Dole St.
Chong, Doris A. Y., 81 1/3, 34 2/3 (II) 118 Laukapu St., Hilo, Hawaii; 1608 Liliha St. (Withdraw)
Chong, Mabel K., 188, 84 (III) Waialua, Oahu; Kualani Home
Chong, Nyit Young, 84, 49 (II) Box 242, Hilo, Hawaii; Box 1759, Honolulu
Chong, Sadie, 21, 17 (I) 960-C Eu Lane
Chow, Helen M. N., 192, 78 (III) Box 22, Pepekeeo, Hawaii; 902 Kinau St.
Choy, Hung Fat, 136½, 74 (III) Punaluu, Oahu; 2032 Uhu St.
Christensen, Ernest, 32, 16 (I) 267 Termino Ave., Long Beach, Calif.; 1518 Lusitana
Chun, Clara, 36, 16 (I) 2 Hialoa St.
Chun, Edwin A., 278, 121 (IV) Box 24, Kukuihaele, Hawaii; 1424—10th Ave.
Chun, Eleanor S. M., 60, 23 (I) 1540 Leilani St.
Chun, Eleanor Y. L., 257, 103 (IV) 1031 Noble Lane
Chung, Kong Fat, 270, 136 (10) (IV) 629 Panui St.
Chun, Kwai Sin, 163, 81 (III) 1908 Liliha St.
Chun, Myrtle, 269, 123 (IV) 60 N. School St.
Chun, Sun Oi, 153, 51 (II) 2054 S. Beretania St.
Chun, Wai Jane, 194, 62 (II) 1050 Beretania St.
Chung, Juliette S. T., 222, 82 (III) 1509-B Pioneer St.
Chung, (Mrs.) Mabel A., 171, 76 (3) (III) 1938 Pamoa Rd.
Chung, (Mrs.) Mary A., 314, 118 (IV) 817—10th Ave.
Chung, Momie, 43, 17 (I) 2129 Eluwene St.
Coile, Thelma, 336, 102 (IV) Fort Kamehameha, T. H.
Coito, Mary J., 117, 49 (II) 1675 Ohu St.
Coke, Lucille K., 94, 48 (II) Wailuku, Maui; 800-E Waiakamilo Rd.
Correa, Ida Mae, 112, 49 (II) 1366 S. King St.
Cravalho, Minnie R., 168, 78 (III) Box 16, Kapulena, Hawaii; 902 Kinau St.
Crawford, (Mrs.) Catherine, 160, 42 (82 2/3) (IV) 919—12th Ave.
Crowell, Lily L., 286, 115 (IV) Waimea, Kauai; 597 S. King St.
Dang, Violet N., 197, 86 (III) 3378 Kilauea Ave.
Davis, Hattie, 139, 56 (II) Pauwela, Maui; Women's Dormitory
De Arce, Adele K., 233, 83 (2) (III) 618—9th Ave.
De Arce, Ramona, 128, 47 (II) 618—9th Ave.
De Costa, Whilemine, 96, 44 (II) Waipahu, Oahu
De Mello, (Mrs.) Lucille P., 283, 107 (IV) 1346-A Alapai St.
Dias, Alice P., 195, 89 (III) Box 371, Hilo, Hawaii; 1319 Emma St.
Doi, Lillian, 37, 17 (1) (I) Kapaa, Kauai; 1010 S. King St.
Donald, Ruth S., 87, 42 (II) Box 2, Eleele, Kauai; 902 Kinau St.
Doll, Olive Ethel, 227, 83 (III) Keahua, Maui; 3318 Kaimuki Ave.
Donnell, Ruth, 98, 43 (II) 2801 Kahawai St.
Dudoit, Harriet, 225, 117 (IV) 901-A Puuhale Rd.
Dunn, Alice, 85, 50 (II) Kaunakakai, Molokai; 1114 Lunailo St.
Dunn, Frances E., 201, 76 (2) (III) 2630 Halelema St.
Dyson, Shigeko, 294, 113 (2) (IV) 460 Kuakini St.
Elmhurst, Irmgard, 199, 82 (III) Box 156, Lihue, Kauai; 1319 Emma St.
Espinda, Nani, 198, 83 (III) 2115 Coyne Ave.
Fern, (Mrs.) Amy Lum, 240, 87 (III) 2037 Makanani Dr.
Fernandes, Edna, 30, 15 1/2 (I) Box 32, Makaweli, Kauai; 3738 Manini Way
Fernandes, Henrietta, 158, 79 (III) Makaweli, Kauai; 1402 McCully St.
Ferreira, Elsie, 105, 47 (II) Aiea, Oahu
Fisher, (Mrs.) Jessie S., 69, 21 (69) (III) 2121 McKinley St.
Flores, (Mrs.) Rosaline A., 187, 92 (II) 3714 Mamalahoa Ave.
Fong, Henry H., 119, 44 (II) 865 Kapalulu Rd.
Forsythe, Louise, 106, 49 (II) Laie, Oahu; 2120 Wilder Ave.
Fraser, Arthur, 205, 79 (2) (III) 1234 Pua Lane
Freeman, Myrtle, 17, 15 1/2 (I) 50 Bates St.
Fujii, Yaeko, 112, 49 (II) 544 Kalihi St.
Fujikawa, Nellie K., 176, 76 (III) 1616 Nuuanu St.
Fujinaka, Evelyn, 342, 164 (V) 429 N. King St.
Fujino, Laura, 28, 10 (I) Kawaiola, Oahu; 1727 Fort St.
Fujino, Masako, 178, 79 (III) Box 174, Honokaa, Hawaii; 2400 Manoa Rd.
Fukabori, Lionel T., 102, 39 (II) Box 470, Waipahu, Oahu
Fukamachi, Tomie, 35, 15 (I) 1256-E Palm Dr.
Fukuda, Mitsuo, 213, 82 (III) Hamakuapoko, Maui; 1903 Komaia Dr.
Funada, Harold, 250, 119 (IV) Lihue, Kauai; Box 934, Honolulu
Fung, Violet, 112, 50 (II) Box 124, Paia, Maui; Mid-Pacific Institute
Furtado, Libana, 116, 49 (II) Lahaina, Maui; 1220 Farrington St.
Gomes, Margaret, 196, 69 (III) 3819 Waialae Ave.
Goo, Edith, 119, 48 (II) Wailuku, Maui; Mid-Pacific Institute
Goo, Madeline, 239, 120 (IV) 632 South St.
Goo, Ralph S. C., 148, 79 (III) 2106 N. School St.
Goo, Vivian, 192, 85 (3) (III) 2106 N. School St.
Goodness, Rebecca S., 348, 139 (IV) 4171 Sierra Dr.
Goto, Lily, 43, 17 (I) Box 20, Honomu, Hawaii; Rooke Ave.
Goto, Mildred M., 111, 50 (II) Ewa, Oahu; 902 Kinau St.
Hamada, Florence, 44, 15 (I) Kapaa, Kauai; 902 Kinaw St.
Hamada, Yukio, 150, 51 (II) 905 Kamehameha Ave., Hilo, Hawaii; 1823 S. King St.
Hamamoto, Kuniko, 20, 12 (I) Box 70, Hilo, Hawaii; 1148 Fort St.
Hamry, Kenneth, 92, 49 (II) Luke Field, T. H.
Han, Anchin, 245, 102 (2) (IV) 1438 Fort St.
Haney, (Mrs.) Elizabeth (III) 1140-A—9th Ave.
Harada, Katherine H., 255, 80 (III) Kilauea, Kauai; 59 Kaulua Lane
Harbottle, Alma K., 177, 79 (III) 1821 Ala Moana Rd.
Hasegawa, Margarette, 221, 95 (III) Hanalei, Kauai; 1132—2nd Ave.
Hayselden, Howard, 311 1/2, 119 (IV) 1412 Houghtailing Rd.
Hee, Irene, 33, 17 (I) Kapaa, Kauai; 1234-F Emma Lane
Helbush, Violet T., 215, 77 (3) (III) Glenwood, Hawaii; 902 Kinaw St.
Helekunihi, Violet, 100, 48 (II) 3438 Wela St.
Henne, Betty, 110, 51 (II) 3636 Sierra Dr.
Hew, Ah Kewn, 94, 47 (II) Box 74, Paia, Maui; 597 S. King St.
Higa, Tsuru, 280, 133 (IV) 2115 Atherton Rd.
Hisanaga, Teruko (I) 271 Lanihuli St., Hilo, Hawaii; 902 Kinaw St.
(Withdrew)
Ho, Elinor K., 248, 101 (2) (IV) 1932 Liliha St.
Ho, Florence Y., 106, 49 (II) 1809 Dole St.
Ho, Kim Lan B., 143, 52 (II) 1918 Huina St.
Ho, Margaret, 200, 84 (III) 1809 Dole St.
Hockley, Margaret, 261, 88 (32) (IV) 2144 Lanihuli Dr.
Hohu, (Mrs.) Martha, 154, 71 (64) (IV) 2655 Rooke Ave.
Hokada, Elsie, 139, 49 (II) Box 185, Waimea, Kauai; 946 Thompson St.
Hon, Jeanette, 194, 87 (32) (IV) 2256 Metcalf St.
Honbo, Masaru, 148, 131 (V) Makaweli, Kauai; 1006-A Keeaumoku St.
Hong, Naomi, 33, 17 (I) Box 118, Wahiawa, Oahu
Hoshino, Helen, 45, 15 (I) Box 176, Wahiawa, Oahu; 1753 Huna Lane
Hoshino, Sumiyo, 225, 125 (IV) 380 S. Vineyard St.
Hosoi, Yuri, 242, 111 (2) (IV) 673 Queen St.
Houghten, Donald, 93, 461/2 (II) 1125-D Wilder Ave.
Hu, Henry, 189, 87 (III) 1757 Fort St.
Hu, Sing Kiu F., 28, 15 (I) 1986 Pauoa St.
Hultquist, (Mrs.) Mabel, 55, 17 (114) (IV) 1714 Hunnewell St.
Hussey, Beatrice, 94, 50 (II) Box 455, Wailuku, Maui; 597 S. King St.
Ignacio, Albert H., 129, 62 (III) Hakalau, Hawaii; 1222 Artesian St.
Ikeda, Chieko, 104, 45 (II) 463 N. Vineyard St. No. 2
Indie, George, 159 1/2, 78 (III) 1716 Palolo Ave.
Ing, Elaine L., 249, 82 (2) (III) 1704 Poki St.
Ing, (Mrs.) Helen Heu, 443, 144 (V) 1252 S. King St.
Ing, Lucille Y., 349, 144 (V) 622-A N. Vineyard St.
Ishii, Tamiye, 102, 49 (II) Honomu, Hawaii; 2746 Kahawai St.
Itamura, Noboru, 35, 16 (I) Paia, Maui; 1710 Fort St.
Iwasaki, Ethel F., 189, 79 (III) Waipahu, Oahu
Jay, Mew Yung, 44 1/2, 16 1/2 (I) 802 Kalii St.
Jewett, Evelyn M., 208, 78 (III) 165 Hinano St., Hilo, Hawaii; 923 Lokahi St.
Johnson, Violet L., 136, 48 (II) Pearl City, Oahu; 3711 Pahoa Ave.
Johnson, (Mrs.) Wilhelmins, 310, 106 (IV) 1538 Alewa Dr.
Juarez, Natalie, 51, 20 (II) 1828 Kanakanui St.
Kaai, Ella K., 148, 81 (III) Kaunakakai, Molokai; 1817-A Ala Moana Rd.
Kageyama, Robert, 190 1/2, 89 (III) Box 279, Honokaa, Hawaii; 1839 Anapuni St.
Kaheaku, Sadie, 38, 17 (I) 3490 Hayden St.
Kaiwela, Anne J., 197, 99 (III) 2261-A Kanealii Ave.
Kamada, Misao, 126, 49 (II) Lihue, Kauai; 902 Kinau St.
Kamm, Margaret N. O., 219 1/2, 83 1/2 (III) 2041 Coyne Ave.
Kanda, Hideko, 38, 15 (I) Box 61, Wailuku, Maui; 1914-A Bingham St.
Kaneshiro, Grace F., 200, 78 (III) 791 Kinoole St., Hilo, Hawaii; 2206 Wilder Ave.
Kaneta, Anne, 136, 70 (III) 909 Factory St.
Kang, Miriam, 206, 86 (III) 1268-B Young St.
Kapfenberg, Adelia A., 164, 78 (III) Box 3, Hakalau, Hawaii; 902 Kinau St.
Kashiwa, Edith Shigeko, 223, 84 (III) Box 165, Waialua, Oahu; 925 Kapaa Linae
Kau, Joseph H. E., 110, 47 (II) 650—9th Ave.
Kauahilo, Norman, 149, 69 (III) Pearl City, Oahu
Kauihou, Nellie K., 205, 87 (III) Laie, Oahu; 1827 Hart St.
Kaumeheiwa, Solomon, 227, 114 (IV) Waipaku, Maui; Men’s Dormitory
Kawamura, Fusayo, 202, 84 (III) Kealia, Kauai; 902 Kinau St.
Kawamura, Maizie T., 116, 49 (II) Box 308, Hilo, Hawaii; 902 Kinau St.
Kaya, Elsie, 132, 49 (II) 901 Factory St.
Kaya, Yoriko, 164, 49 (II) 1834 Lusitana St.
Keliu, Lucy, 25, 16 (I) 1203—15th Ave.
Kelley, Antoinnette, 143, 46 (80) (IV) 1104—11th Ave.
Kiakahi, Edith, 90, 45 (II) 197 Paaoakalani Rd.
Kim, Arthur D. C., 142, 61 (II) 1202 Ahiahi St.
Kim, Bernice, 234, 90 (III) 1814 Puowaina Dr.
Kim, Flora, 9, 6 (I) 3922 Kaimuki Ave.
Kim, Helene L., 96, 48 (II) 1917 Lusitana St.
Kim, Soo Sun, 102 1/2, 48 (II) 900-A Kanoa St.
Kim, Yealeme, 51, 17 (I) 335-D N. Vineyard St.
Kimura, Funiko, 187, 86 (III) 223 Paaoakalani St.
Kinney, Hazel L., 99, 48 (II) Box 26, Hanapepe, Kauai; 1319 Emma St.
Kinoshita, Matsuko, 86, 47 (II) Box 18, Kohala, Hawaii; 1616 Nuuanu St.
Kinoshita, Tsuneo, 118, 48 (II) Box 241, Kailua, Hilo, Hawaii;
1016-A Pawaa Lane
Koike, Mollie, 283, 128 (IV) Box 92, Holualoa, Hawaii; 862—
11th Ave.
Kojima, Inoyo, 194, 83 (III) 904 Ahana Lane
Kohof, Lottie, 205, 76 (2) (III) 2444 Huene St.
Komenaka, John, 33, 16 (I) Nuuanu Y. M. C. A.
Kong, En Moi, 262, 149 (IV) 1193 Kilauea Ave., Hilo, Hawaii;
3711 Waialae Rd.
Kotake, Doris, 185, 52 (II) Box 118, Honokaa, Hawaii; 2387 E.
Manoa Rd.
Kubota, Masako, 175, 50 (II) 306, Waimea, Kauai; 2751 Awapui St.
Kum, Herbert T. Y., 283, 126 (IV) 612 Ihe St.
Kunioki, Satoe, 157, 55 (II) Waiakea, Maui; 2132 Atherton Rd.
Kurano, Klara K., 166, 79 (III) 1471 S. King St.
Kuwamoto, Florence, 38, 17 (I) 3148 Charles St.
Kuwana, Tomometsu, 202½, 85 (III) 12 Kahela Lane
Kwon, Manuel, 157, 48 (II) Box 251, Lahaina, Maui; 2220 University
Ave.
Labez, Ricardo, 12, 6 (I) 802 Kanoa St.
Lam, (Mrs.) Ah Chin, 216, 57 (30) (III) 1238 Lunalilo St.
Lam, Beatrice, 12, 7 (I) 1716 Mott-Smith Dr.
Lam, Sau Ying, 16, 10 (I) 2040 Wilder Ave.
Lau, Elizabeth, 224, 83 (III) 1803 Bingham St.
Lau, Evelyn Y. Y., 271, 132 (V) 1134 Koko Head Ave.
Lau, Hazel K. S., 288, 97 (2) (III) Mokuleia, Oahu; 427-A N.
King St.
Lau, Margaret, 19, 15 (I) 2016-F Mapu Lane
Lee, Abbie, 40, 17 (I) 854 Kinoole St., Hilo, Hawaii; 1233—15th
Ave.
Lee, Annie May, 234, 95 (IV) 1437 Kamehameha IV Rd. (With-
drew)
Lee, Daisy K. T., 410, 151 (V) Paia, Maui; 2120 Bingham St.
Lee, Elizabeth S. K., 236, 115 (2) (IV) Box 860, Honolulu
Lee, Emmaline L., 101, 46 (II) 2476 Puunui Ave.
Lee, James K. F., 344½, 152 (4) (V) 2137 Wilder Ave.
Lee, Lillian C. M., 304, 112 (2) (IV) 1711 Kalakaua Ave.
Lee, Norman H. Y., 187, 77 (III) 346 N. Vineyard St.
Lee, Rebecca K., 207, 81 (III) 3034 Manoa Rd.
Leithead, Arthur E., 179, 82 (III) 1614 Emerson St.
Leithead, Helen, 311, 128 (IV) 1614 Emerson St.
Lem, Ah Jook, 173, 87 (III) 934—8th Ave.
Lem, Choy Wun, 119, 43 (II) 330 McNeill St.
Lem, Rosalie, 185, 61 (64) (IV) 1338 Young St.
Lillis, Laura, 42, 17 (I) Wailuku, Maui; 1319 Emma St.
Ling, Edith T., 446, 147 (V) 1130 Kapahulu Rd.
Lino, Gladys, 32, 17 (I) 1528 Halekula Way
Liu, Eleanor, 277, 84 (III) 112 S. School St.
Liu, Florence Yuen, 50, 17 (I) 112 S. School St.
Loo, Stanley Y. T., 162, 66 (III) 1150 N. King St.
Love, Laura, 29, 16 (I) Box 122, Waipahu, Oahu
Luiz, Abe, 22, 15 (I) 833—17th Ave.
Luke, Kwai Ngan, 300, 93 (III) 1308 Date Way
Lum, Amoy, 262, 86 (III) 911—9th Ave.
Lum, Gladys, 42, 17 (I) 3171 Kaimuki Ave.
Lum, Henry T., 280, 111 (IV) 129 Boyd Lane
Lum, Mary L. S., 184, 80 (III) 3502 Campbell Ave.
Lum, (Mrs.) Winifred S. Y. Z., 96, 47 (II) 1503-A8 Nuuanu St.
MacKenzie, Muriel, 216½, 83½ (III) 1843-F Naopala Lane
Maeda, Katsumi, 156, 76 (III) Box 46, Ewa, Oahu; 1239 S. King St.
Makino, Allyn K., 283, 112 (2) (IV) Naalehu, Kau, Hawaii; 1071 Kinau St.
Makishima, Florence F., 182, 77 (2) (III) 2028 Wilder Ave.
Manmitsu, Myrtle Y., 100, 42 (II) Lahaina, Maui; 2019-B Hunnewell St.
Mark, Lillian K. C., 206, 81 (III) 75-A New Era Lane
Marques, Josephine E., 60, 20 (126) (IV) 2312 Liloa Rise
Marshman, (Mrs.) Eleanor M., 308, 122 (IV) Kohala, Hawaii; 122-C Boyd Lane
Martin, Helen, 36½, 14½ (V) 2586 Cartwright Rd.
Martin, Richard, 66, 24 (I) Men’s Dormitory
Martinson, Martin, 269½, 118 (IV) Waiohinu, Hawaii; 3395 Hardesty St.
Masuda, Masuhara H., 35, 17 (I) Box 1316, Honolulu
Masuda, Matsuko, 164, 49 (II) Box 7, Kapaa, Kauai; 3085 Kaimau St.
Matoi, Susumi, 179, 49 (II) Haiku, Maui; 703 S. King St.
Matsuki, Shizuko, 343, 118 (IV) 340 N. School St.
Mau, Kim Oi, 173, 151 (4) (IV) 2937 Kalakaua Ave.
May, (Mrs.) Iris, 197, 75 (III) 728-B Ocean View Dr.
McGregor, Marion, 243, 96 (III) 1165 McGregor Lane
McKeague, Florence, 83, 46 (II) 902 Robello Lane
McKenney, Marion, 226, 120 (IV) 2934 Loomis St.
McMahon, Patricia, 271, 97 (III) 118-19th Ave.
Meyers, Frieda E., 205, 79 (III) Pepeekeo, Hawaii; 902 Kinau St.
Mihara, Ayako, 80, 48 (II) Hakalau, Hawaii; 2850 Oahu Ave.
Miller, Zelie, 136½, 60½ (II) U. S. N. Ammunition Depot, Pearl Harbor, T. H.; Mid-Pacific Institute
Miriikitani, Carla, 305, 122 (IV) 1788 Ala Moana Rd.
Miriikitani, Hazel, 31, 17 (I) 1788 Ala Moana Rd.
Misaka, Maizie, 21, 9 (I) 1212—8th Ave.
Mitsuka, Roy, 353, 128 (IV) 106 Kamehameha Ave., Hilo, Hawaii; 280 N. Beretania St.
Miwa, Hannah H., 187, 79 (2) (III) Lihue, Kauai; 902 Kinau St.
Miyake, Umeko (I) Lihue, Kauai; 2205 McKinley St. (Withdrew)
Miyamoto, Hatsumi, 2, 2 (I) R. F. D. K88, Hilo, Hawaii; 1727 Fort St.
Miyoshi, Isamu, 361, 131 (IV) 3639 Kepuhi Ave.
Mizusaki, Kimeyo B., 111, 50 (II) Box 95, Hakalau, Hawaii; 902 Kinau St.
Moniz, Louise, 207, 101 (III) 644 Magellan Ave.
Moo, Lydia, 433, 153 (V) 1040—6th Ave.
Moodie, Mary, 272, 113 (IV) Paia, Maui; Women’s Dormitory
Moodie, Ruth, 154, 57 (67) (IV) 2262 Kalia Rd.
Morimoto, (Mrs.) Elaine O., 194, 80 (2) (III) Box 72, Hilo, Hawaii; 902 Kinau St.
Morimoto, Florence F., 291, 121 (IV) Box 43, Waimea, Kauai; 2114 Wilder Ave.
Morimoto, Torao, 110, 47 (II) Box 71, Holualoa, Hawaii; 1220 Pensacola St.
Morrell, Eldon P., 222, 74 (22 2/3) (III) 1217-C Alexander St.
Moss, Ruth L., 105, 35 (93) (IV) 332-B Seaside Ave.
Motoyama, Charles J., 264, 89 (III) Kilauea, Kauai; 610 S. King St.
Murakawa, Violet M., 117, 48 (II) Naalehu, Hawaii; 597 S. King St.
Muth, Constant W. (III) 39 N. Warren Ave., Columbus, Ohio; 2365 Oahu Ave.
Nahale- a, Albert, 275, 88 (III) Kamuela, Hawaii; 1122—1st Ave.
Nakagami, Yaeko, 176, 85 (III) 841-N Custer Ave.
Nakagawa, Shizuko, 416, 136 (IV) 713 South St.
Nakamoto, Kathryn, 95, 49 (II) Box 32, Hilo, Hawaii; 274 Lewers Rd.
Nakamura, Katsuko, 35, 15 (I) 222 Paoakalani St.
Nakamura, Shigeo, 189%, 78% (III) Kealia, Kauai; 1239 S. King St.
Nakamura, Yukino, 301, 128 (IV) Box 456, Hilo, Hawaii; 1071 Kinau St.
Nakano, Jean H., 298, 83 (III) Hamakuapoko, Maui; 902 Kinau St.
Nakano, Shizuko, 260, 85 (III) Hamakuapoko, Maui; 1224 Wilhelmina Rise
Nakasone, Margaret Y., 247, 80 (2) (III) Box 345, Lahaina, Maui; 3670 Kilauea Ave.
Nakata, Henry S., 275, 89 (III) 967 Akepo Lane
Namahoe, Dorothy O., 443, 159 (V) Todd Ave., Hilo, Hawaii; 3909 Pahoa Ave.
Namihira, Namiko G., 163, 81 (III) Olaa, Hawaii; 2131 Armstrong St.
Narimatsu, Harold M., 186, 78 (III) Box 145, Haiku, Maui; 89 S. King St.
Nerio, Mildred, 346½, 149½ (V) 2003 Waterhouse St.
Neves, Mary, 178, 89 (III) 2020-B Wilder Ave. (Withdraw)
Nip, Dorothy M., 147, 52 (II) 1623 Fort St.
Nishikimoto, Frances Y., 108, 49 (II) Lahaina, Maui; 2728 Hillside Ave.
Nishimoto, Ruth K., 196, 81 (2) (III) Hind-Clarke Dairy, Waialupe, Oahu; 1805 Wilder Ave.
Nishiyama, Eleanor S., 202, 80 (III) Box 414, Hakalau, Hawaii; 1933 Aupuni St.
Nishizaki, Masayoshi, 229½, 89 (III) Kawainui, Pepeekeo, Hawaii; 1030 S. King St.
Nobriga, Theresa, 114, 48 (II) Hanamaulu, Kauai; 2019 S. Beretania St.
Nomura, Eleanor S., 227, 84 (III) Box 174, Hilo, Hawaii; 912 Hookipa Way
Nunes, Stephen L., 107, 46 (II) Hakalau, Hawaii; 814 Kinau St.
Oba, Thomas H., 79, 39 (II) 225-B Huli Lane
O’Brien, Edwina, 46, 17 (I) 1324—9th Ave.
Oda, Hatsuno, 127, 54 (II) Puunene, Maui; 1616 Nuuanu St.
Ogawa, Chidori, 105, 48 (II) 1526 Enos Lane
Oka, Richard, 263, 121 (IV) Mountain View, Hawaii; 610 S. King St.
Okamura, James, 45, 16 (I) Box 226, Koloa, Kauai; 1239 S. King St.
Okimura, Harumi, 317, 118 (IV) Box 106, Hilo, Hawaii; 1725 Dole St.
Okubo, Sakiko, 267, 82 (III) 3514 Maluhia St.
Okubo, Setsu, 160, 48 (II) 3514 Maluhia St.
Okuda, Thelma, 22, 15 (I) 1238-D Long Lane
Otsuka, Wallace Y., 235, 82 (III) Box 42, Kapaa, Kauai; 2730 Nakookoo St.
Ozawa, Dorothy, 492, 149 (V) 3737 Mahina Ave.
Ozawa, Edith, 81, 45 (II) 3737 Mahina Ave.
Pacheco, Cecelia, 62, 37 (II) 661 Kinoole St., Hilo, Hawaii; Women's Dormitory
Paiva, Alfred M., 100, 45 (II) Box 113, Honokaa, Hawaii; 758 Kinau St.
Pilares; Maurice, 309½, 95½ (III) 1843 Fort St.
Piltz, Winifred, 232, 86 (III) 839—7th Ave.
Pohnia, Abraham, 71½, 39 (II) Box 117, Papaikou, Hawaii; 650 S. Queen St.
Pilares; Maurice, 309½, 95½ (III) 1843 Fort St.
Pohnia, Abraham, 71½, 39 (II) Box 117, Papaikou, Hawaii; 650 S. Queen St.
Potter, Lois, 111, 49 (II) 2727 Kalakaua Ave.
Puamana, Ina L., 86, 45 (II) 3337 Catherine St.
Pung, Daisy A., 192, 90 (III) 3223 Harding Ave.
Punohu, Martha, 96, 47 (II) 1812 Ashford St.
Quon, Elizabeth, 248, 93 (24/2/3) (IV) 23 McGrew Lane
Quon, Helen, 116, 50 (II) 23 McGrew Lane
Ralston, Evangeline L., 219, 80 (III) 702—10th Ave.
Rapoza, Mary, 128, 67 (III) Makaweli, Kauai; 902 Kinau St.
Reis, Adeline, 27, 13 (1) (I) 3747 Mahina Ave.
Roback, Wilhelmina M., 218, 82 (III) Hilo, Hawaii; 597 S. King St.
Robinson, Ululani S., 251, 93 (III) 1118 Hassinger St.
Robinson, Wilhelmina, 303, 129 (IV) 1118 Hassinger St.
Roman, Rose R., 124, 49 (II) Box 32, Olal, Hawaii; 902 Kinau St.
Ross, (Mrs.) Ruth D., 433, 128 (IV) 2655 Hillside Ave.
Rudin, G. Claire, 244, 71 (III) 702—15th Ave.
Sagara, Constance F., 113, 48 (II) 1668 Lusitana St.
Sakai, Charlotte E., 249, 90 (III) Box 7, Hanapepe, Kauai; 872 Mission Lane
Sakai, Gladys M., 202, 86 (III) Box 7, Hanapepe Kauai; 872 Mission Lane
Sakai, Mary, 97, 48 (II) Kohala, Hawaii; 902 Kinau St. (Withdraw)
Sakamaki, Martha, 205, 92 (III) Olal, Hawaii; 902 Kinau St. (Withdraw)
Sakamoto, Dorothy, 199, 57 (II) 853 Kawaiahao St.
Sam, Alora, 280, 122 (IV) Waianae, Oahu; 959 N. King St.
Sasaki, Hideko B., 125, 43 (II) Box 597, Lahaina, Maui; 902 Kinau St.
Schroeder, (Mrs.) Amanda, 130, 50 (II) 2324 Metcalf St.
Schroeder, Bernice, 139, 55 (54) (IV) 2324 Metcalf St.
Schumacher, Elsie H., 209, 85 (III) Lihue, Kauai; 1319 Emma St.
Schwallie, Hortense, 307, 119 (IV) 935—10th Ave.
Schwallie, Wilhelmina, 128, 51 (II) 935—10th Ave.
Segawa, Fumiko, 139, 47 (II) 1441 Johnson Lane
Seu, Helen, 37, 15 (I) 2108 S. King St.
Shibao, Jane T., 181, 80 (III) Lahaina, Maui; 941 Pumehana St.
Shibao, Sugako G., 18, 9 (I) Lahaina, Maui; 941 Pumehana St.
Shimada, Teruko, 407, 129 (IV) Box 72, Puunene, Maui; 1727 Fort St.
Shinoda, Dorothy H., 103, 45 (II) 854 Pumehana St.
Shintani, Patsy S., 143, 53 (II) Koloa, Kauai; 902 Kinau St.
<table>
<thead>
<tr>
<th>Name</th>
<th>Age</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shiroyama, Chiyoko</td>
<td>39</td>
<td>110 Mamane St., Hilo, Hawaii; 902 Kinai St.</td>
</tr>
<tr>
<td>Shitamoto, Kimiye</td>
<td>167</td>
<td>Lahaina, Maui; 1628-A Fort St.</td>
</tr>
<tr>
<td>Silva, Adelaide Ida</td>
<td>77</td>
<td>1415 Wilhelmina Rise</td>
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<tr>
<td>Silva, John</td>
<td>23</td>
<td>Honomu, Hawaii; 1420 Victoria St.</td>
</tr>
<tr>
<td>Silva, Manuel P.</td>
<td>123</td>
<td>Box 883, Hilo, Hawaii; 727 Lunailo St.</td>
</tr>
<tr>
<td>Simerson, Rose</td>
<td>251</td>
<td>Lahaina, Maui; 2511 Roundtop Terrace</td>
</tr>
<tr>
<td>Simpson, (Mrs.) Opal</td>
<td>87</td>
<td>Women's Dormitory</td>
</tr>
<tr>
<td>Smith, Louise</td>
<td>251</td>
<td>239 Lewers Rd.</td>
</tr>
<tr>
<td>Soares, Dorothea M.</td>
<td>47</td>
<td>Box 2653, Honolulu</td>
</tr>
<tr>
<td>Soares, Emily D.</td>
<td>77</td>
<td>Box 763, Hilo, Hawaii; 880 S. Beretania St.</td>
</tr>
<tr>
<td>Song, Arthur P.</td>
<td>137</td>
<td>S. School St.</td>
</tr>
<tr>
<td>Soo, Harriet F.</td>
<td>187</td>
<td>Olona Lane</td>
</tr>
<tr>
<td>Souza, Belmyra</td>
<td>44</td>
<td>Mid-Pacific Institute</td>
</tr>
<tr>
<td>Sproat, Mary</td>
<td>452</td>
<td>920—11th Ave.</td>
</tr>
<tr>
<td>Sproat, Thelma</td>
<td>135</td>
<td>Kohala, Hawaii; 11th Ave.</td>
</tr>
<tr>
<td>Stryker, (Mrs.) Juanita</td>
<td>183</td>
<td>Starkville, Miss; 4432 Kahala Ave.</td>
</tr>
<tr>
<td>St. Sure, Richard H.</td>
<td>92</td>
<td>Haiku, Maui; 1747 Wilder Ave.</td>
</tr>
<tr>
<td>Sugiyama, Kiyoko</td>
<td>223</td>
<td>Box 8, Holualoa, N. Kona, Hawaii; 2318 Beckwith St.</td>
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<tr>
<td>Sutherland, Mark M.</td>
<td>213</td>
<td>Box 367, Hilo, Hawaii; 902 Kinai St.</td>
</tr>
<tr>
<td>Suyama, Emiko D.</td>
<td>119</td>
<td>Box 763, Hilo, Hawaii; 880 S. Beretania St.</td>
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<tr>
<td>Suzuki, (Mrs.) Asako</td>
<td>274</td>
<td>S. School St.</td>
</tr>
<tr>
<td>Tahara, Alice</td>
<td>387</td>
<td>1847 Fort St.</td>
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<tr>
<td>Takafuji, Hatsuyo</td>
<td>434</td>
<td>125 Prospect St.</td>
</tr>
<tr>
<td>Takano, Tomiko</td>
<td>161</td>
<td>Box 43, Hawi, Hawaii; 902 Kinai St.</td>
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<tr>
<td>Taketa, Helene</td>
<td>147</td>
<td>Box 172, Hanalei, Kauai; 1238 Lunalilo St.</td>
</tr>
<tr>
<td>Takumi, Mae M.</td>
<td>257</td>
<td>Box 8, Holualoa, N. Kona, Hawaii; 2318 Beckwith St.</td>
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<tr>
<td>Tam, Irma</td>
<td>196</td>
<td>824—11th Ave.</td>
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<tr>
<td>Tam, Marian</td>
<td>126</td>
<td>Kapaa, Kauai; 597 S. King St.</td>
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<tr>
<td>Tamano, Helen H.</td>
<td>230</td>
<td>1467 S. King St.</td>
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<tr>
<td>Tanioka, Toshi</td>
<td>151</td>
<td>Kпутistown, Hawaii; 2390 Loomis St.</td>
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<tr>
<td>Tanna, Rose</td>
<td>249</td>
<td>Chung Hoon Lane</td>
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<tr>
<td>Tasaka, (Mrs.) Frances K. Y.</td>
<td>258</td>
<td>Webb Lane</td>
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<tr>
<td>Tateyama, Emily</td>
<td>173</td>
<td>Kailua, Huelo, Maui; 441 John Ena Rd.</td>
</tr>
<tr>
<td>Tenn, Emma</td>
<td>118</td>
<td>Hawi, Hawaii; 1927 Coyne St.</td>
</tr>
<tr>
<td>Teshima, Dorothy</td>
<td>45</td>
<td>6 Davies Lane</td>
</tr>
<tr>
<td>Teshima, May K.</td>
<td>115</td>
<td>Wailuku, Maui; 597 S. King St.</td>
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<tr>
<td>Thomas, Frances</td>
<td>233</td>
<td>1467 S. King St.</td>
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<tr>
<td>Ting, Margaret</td>
<td>47</td>
<td>Box 162, Wailuku, Maui; 597 S. King St.</td>
</tr>
<tr>
<td>Tokunaga, Ethel C.</td>
<td>187</td>
<td>817 Paani St.</td>
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<tr>
<td>Tom, Ellen</td>
<td>120</td>
<td>1095 Beretania St.</td>
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<tr>
<td>Tomina, Seisi</td>
<td>69</td>
<td>3111 Duval St.</td>
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<td>Tonoai, Saburo</td>
<td>113</td>
<td>Lahaina, Maui; 1567-B Emma St.</td>
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<td>Tong, Grace</td>
<td>111</td>
<td>1404 Lusitana St.</td>
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<tr>
<td>Toomey, Rose K.</td>
<td>117</td>
<td>959—12th Ave.</td>
</tr>
<tr>
<td>Toomey, Samuel</td>
<td>123</td>
<td>959—12th Ave.</td>
</tr>
</tbody>
</table>
Tsugawa, Doris C., 90, 43 (2) (II) Box 54, Kurtistown, Hawaii; 2388 Kahawai St.
Tyau, Albert, 325, 150 (2) (V) 3711 Waialae Ave.
Tyau, Alexander C., 280, 116 (IV) 1721 Oo Lane
Tyau, Dorothy, 142, 49 (II) 1772 Lusitana St.
Tyau, (Mrs.) Florence E. T., 209, 93 (III) 622 Ihe St.
Tyau, Gertrude, 26, 15 (I) 320 Iolani Ave.
Tyau, Lily, 92, 49 (II) 3101 Monsarrat Ave.
Uemura, Hazel, 250, 116 (IV) 2856 Winam Ave.
Ungun, Annie H., 93, 46 (II) Box 25, Waihee, Maui; 597 S. King St.
Uyeda, Chiyeo, 174, 49 (II) 1322 Fort St.
Ventura, John E., 117, 50 (II) Kula, Maui; 1819-A Algaroba St.
Veveiros, Florence, 31, 12 (I) 2744 Mt. View
Vierra, Anne, 69, 44 (II) 1294-F Akoko Lane
Vincent, Chloetilda, 77, 47 (II) Waiakoa, Kula, Maui; 1028—7th Ave.
Walker, (Mrs.) Myrtle, 131, 42 (80) (IV) 1235-10th Ave.
Watanabe, Kimiyu, 142, 49 (II) Lihue, Kauai; 902 Kinau St.
Watase, Sumiko M., 173, 83 (III) Hanapepe, Kauai; 2327 Liloa Rise
Watt, (Mrs.) Gladys, 39, 18 (68) (III) 2157 Atherton Rd.
Weber, Fred, 225, 111 (IV) Mana, Kauai; Men's Dormitory
Widdifield, Ethel E., 343, 129 (IV) Wahiawa, Oahu; 2715 Konian Way
Williams, Augusta M., 170, 76 (III) Paia, Maui; 1530 Miller St.
Williams, Kaleialoha, 239, 83 (III) Anahola, Kekaha, Kauai; 597 S. King St.
Wilson, Betty, 38, 17 (I) Waiakea Mill, Hilo, Hawaii; Mid-Pacific Institute
Wist, Zoe, 38, 16 (I) 2128 Oahu Ave.
Won, Eleanor Y., 205, 85 (III) 1950 Pauoa Rd.
Wong, David K. C., 156, 51 (II) 1512 Ilo Lane
Wong, James H., 421, 129 (IV) Waianae, Oahu; 2048 S. Beretania St.
Wong, Kee Fun, 47, 17 (I) 1202 Pua Lane
Wong, Margaret S. S., 351, 119 (2) (IV) 1579 Liliha St.
Wong, Yeu Wah, 333, 123, (IV) 2722 Liliha St.
Wood, Mabel K., 186, 87 (III) 855 S. Queen St.
Wright, (Mrs.) Mae, 151, 55 (64) (IV) 2163 Atherton Rd.
Yamada, Richard, 96½, 52 (II) Box 2, Waipahu, Oahu; 825—11th Ave.
Yamaguchi, Daisy, 156, 51 (II) Box 298, Pahoa, Hawaii; 1336 Davenport St.
Yamamoto, Mildred K., 118, 48 (II) Box 154, Lahaina, Maui; 2646 Oahu Ave.
Yamamoto, Tsuruyo, 121, 48 (II) 793-B Archer Lane
Yamanaga, Mitsuyo, 34, 15 (I) 1951 Fort St.
Yamane, Yukino, 144, 49 (II) 2295 N. King St.
Yamashita, Fumiko, 31, 15 (I) 8 Miles, Olaa, Hawaii; 2675 Hilsdale Ave.
Yanagi, Tamayo T., 30, 15 (I) Box 93, Holualoa, N. Kona, Hawaii; 913 Kahuna Lane
Yanagihara, Grace T., 222, 82 (III) Box 5, Hilo, Hawaii; 2535 E. Manoa Rd.
Yanagihara, June, 46, 17 (I) Box 5, Hilo, Hawaii; 935—8th Ave.
Register of Students

Yang, Ellen, 37, 15 (I) Box 178, Wahiawa, Oahu; 1634 Aupuni St.
Yap, Alice, 208, 81 (III) 2306 Wilder Ave.
Yap, Hannah, 265, 124 (IV) 3465 Waialae Rd.
Yap, Priscilla, 23, 12 (I) 1614 Leilehua Dr.
Yasso, Violet B., 182, 78 (III) Aiea, Oahu
Yasutake, Nora M., 301, 113 (2) (IV) Kalihi St. opp. Elua Lane
(Withdraw)
Yasutake, Peter K., 167, 78 (III) Makaweli, Kauai; 967 Akepo Lane
Yasutake, Thelma C., 49, 18 (I) Kalihi St. opp. Elua Lane
Yee, Dorothea, 31, 18 (I) Box 59, Kohala, Hawaii; 844—11th Ave.
Yee, Violet, 165, 68 (II) 1401 Kewalo St.
Yokoi, Grace, 36, 15 (I) 2605 S. King St.
Yoneda, Edith, 184, 79 (III) 1143 Kaili St.
Yoshida, Hazel H., 244, 85 (III) Lanai City, Lanai; 3515 Maluhi St.
Young, Achong, 125, 50 (II) Box 1103, Hilo, Hawaii; 2757 Puu­honua
Young, Annie (I) 858 Kanoa St. (Withdraw)
Young, Anthony K., 78, 31½ (II) Box 765, Wailuku, Maui; 1145-D Gulick Ave.
Young, Lily, 267, 83 (III) Box 342, Hilo, Hawaii; 1502 Farrington St.
Young, Margaret, 161, 51 (II) 233 N. Kuakini St.
Young, Mildred L., 165, 104 (IV) Brookland Hotel
Yuen, Frances K. Y., 31, 15 (I) 56 N. Kukui St.
Yuen, Margaret, 281, 93 (III) 56 N. Kukui St.
Zen, Shay Yung; 357, 116 (IV) Piikoi & King Sts.

STUDENTS CARRYING A LIMITED PROGRAM

Abrehamsen, (Mrs.) Elizabeth, Corner School & Palama Sts.
Ackland, Neil W., A.B., Box 2, Schofield Barracks, T. H.
Adams, Albert Edward, B.A., 1120-F Koko Head Ave.
Adelmeyer, (Mrs.) Iwalani B., 1443 Emerson St.
Afong, Mildred Ching, 1344 Moi Rd.
Agcaoili, Florencio, Dingras, Ilocos Norte, P. I.; 812 Mission Lane
Ai, Olive H. D., 1266 Ekaha Ave.
Ai Chang, Charlotte K. C., 1625-C Liliuokalani Ave.
Akimo, James, B.D., 2120 Wilder Ave.
Akwai, Helen, 3228 Esther St.
Alama, (Mrs.) Emily, 1031—4th Ave.
Alderson, Rachel, 1417 Makiki St.
Alderson, Ray F., B.A., 1417 Makiki St.
Amalu, Ethel K., 166 Liliuokalani Ave.
Amoy, (Mrs.) Phoebe H., 3755 Waialae Rd.
Anderson, Donald W., 3116 Oahu Ave.
Andrew, (Mrs.) Nancy D., B.A., 2881 Oahu Ave.
Arciaga, Amando M., 1330 Liliuokalani Ave.
Armstrong, (Mrs.) Ruth S., B.M., 2108 Haena Dr.
Asato, Isho, 1925 Kagoshima City, Japan; 1219 River St.
Ash, Clarence D., 200 Dewey Ave.
Ash, Trude M., 200 Dewey Ave.

*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.
Ashton, (Mrs.) Ellen R., 1053-B Lunalilo St.
Astleford, Elsie, 720—17th Ave.
Astleford, Ida, 1235—10th Ave.
Au, (Mrs.) Irene T. L. Y., 1308 Lusitana St.
Austen, Henriette E., Waipahu, Oahu
Awai, Amy K., Waialua, Oahu; 1438-A Wilder Ave.
Ayau, Alvina O., 2893 Oahu Ave.
Ayau, Elizabeth N., 2893 Oahu Ave.
Baker, Ray J., 1911 Kalakaaua Ave.
Baker, (Mrs.) Rose J., 1037-A Pulaa Lane
Bal, Louise K., 2630 Haleleina St.
Barber, Lucy K., 820—6th Ave.
Beckham, Davide Y., 22 Makalei Pl.
Bennet, Genevieve M., Pleasanton Hotel
Bennet Wilmer G., Bogalusa, La.; Schofield Barracks, T. H.
Bennett, Stella W., 1009-13th Ave.
Bennet Wilmer G., Bogalusa, La.; Schofield Barracks, T. H.
Betts, Charlotte B., 1545 Kewalo St.
Beveridge, Kathryn, Papaikou, Hawaii; 2435-B Ala Wai Blvd.
Biven, Carnation K., 1033-H Palama Lane
Bockius, Beatrice S., Terr. School for Deaf and Blind.
Bodge, Jean, 2748 Lanioa Dr.
Borden, Ida, 3479 Harding Ave.
Bowen, Amy M., A.B., M.D., 5340 Bryant Ave. S., Minneapolis, Minn.; Silent Hotel, Honolulu.
Bowman, (Mrs.) Genevieve, 234-J Ohua Ave.
Boyrie, (Mrs.) Jessie N., 1525 Liholiho St.
Brilliande, Robert H., 321 N. Main St., Liberty, N. Y.; Tripler Hospital, T. H.
Brown, Chester R., Buhl, Minn.; Leilehua School, Wahiawa, Oahu.
Brown, Flora B., A.B., 1115 Lunalilo St.
Brown, James T., 1516-C Emma St.
Browning, Jeannette D., Waialua, Oahu.
Buchanan, Gertrude F., Lahaina, Maui; 752 S. King St.
Butzke, (Mrs.) Emma, 1448 Wilder Ave.
Cameron, (Mrs.) Elizabeth S., 2413 Prince Edward Ave.
Canaday, Lotty V., 2155 Kalakaaua Ave.
Carey, (Mrs.) Virginia C., 1646 Kamohalii St.
Cariaga, Roman R., Manila, P. I.; Army & Navy Y. M. C. A.
Chambers, H. C., 728-E—5th St., Tucson, Ariz.; Wheeler Field, T.H.
Chan, Ernest A. T., 972 Akepo Lane
Chang, Annie A., 1836-C Boyd Lane
Chang, (Mrs.) Beatrice L., 762—19th Ave.
Chang, (Mrs.) Bernice S. C., 1621 Keeaumoku St.
Chang, Charles S., 3562 Leahi Ave.
Chang, Chester W., 27 Kauila St.
Chang, Dai Chuck, 949—7th Ave.
Chang, (Mrs.) Madeline A., 2280 Dole St.
Char, Charles C., 1599 Kamehameha IV Rd.
Char, Esther Tseu, 854—8th Ave.
Char, (Mrs.) Frances C., 2285 Makanani Dr.
Ching, (Mrs.) Amy F., 1004—6th Ave.
Ching, (Mrs.) Lani Lau, Kaneohe, Oahu.
Chinn, Ruth H., B.A., 584-G Circle Lane.
Chock, (Mrs.) Ah Moi L., 1554 Liholiho St.
Chock, (Mrs.) Annie W., 1419—16th Ave.
Choisez, Elizabeth, 3423 Frances St.
Register of Students

Chong, Ethel K., 1625 S. Beretania St.
Chong, Gladys K., 1306 Young St.
Chong, (Mrs.) Lydia T., 1258—16th Ave.
Chong, Mabel L. F., 1306 Young St.
Chow, Ruth F., 2027 S. Beretania St.
Christian, (Mrs.) Laura K., 3211 Laulu St.
Chromik, Erwin, 802 Prospect St.
Chu, Amy L., Waianae, Oahu.
Chu Hing, Charles, Honokaa, Hawaii; 536—13th Ave.
Chung, Helen, St. Elizabeth's Mission, 720 King St.
Chung, (Mrs.) Mary A., 817—10th Ave.
Chung, Yin Kyau, 2108 S. King St.
Church, Alfred M., B.A., Kamehameha Schools.
Clarke, Adna G., Jr., B.S., 2151 Mohala Way.
Claybourne, Eleanor, 1058—14th Ave.
Cloward, Aleane, 3259 Malama Way.
Clowes, Frederick A., M.A., Wahiawa, Oahu.
Coll, (Mrs.) Ray, Jr., 2117 Kalakaua Ave.
Collins, James P., A.B., Iolani School.
Connell, Vera, Azle Way, Fort Worth, Tex.; 10 Kawananakoa St.
Cooper, (Mrs.) Elizabeth, Litt.B., 1020 E. 26th St., Brooklyn, N. Y.; Fort Ruger, T. H.
Cooper, (Mrs.) Florence, A.B., 2316 Oahu Ave.
Corbly, (Mrs.) Lulu, 1925-F John Ene Rd.
Coxhead, William H., Mid-Pacific Institute.
Coxhead, (Mrs.) Anna L., 1932 Awapuhi St.
Crabbe, Edward C., 4035 Kahala Cliffs.
Crist, (Mrs.) Constance, Alohalani Hotel.
Danford, James S., 602 Wyllie St.
Das, Elsie, 3612 Sierra Dr.
Das, Upendra K., B.S., M.S., Habiganj, Sylhet, India; H. S. P. A. Experiment Station.
Dawes, Dana M., 1525 Wilder Ave.
Dawes, (Mrs.) Eleanor D., 1525 Wilder Ave.
Dean, (Mrs.) Leora P., 2225 Hyde St.
DeFontes, (Mrs.) Emma, 149 Bates St.
Devereux, Harold L., 1479 Thurston Ave.
DiWezner, Carolyn L., 825 Broughton St., Vancouver, B. C., Canada; 254 Beach Walk.
Dexter, (Mrs.) Evelyn E., 815—10th Ave.
Dickson, (Mrs.) Amelia K., 3720 Manini Way.
Dominis, Sybil F., 1000 Alewa Dr.
Donald, Violet C., 2801 Kahawai St.
Donovan, Kathryn, 1200 Kilbourn Ave., Tomah, Wis.; 2238 Kalia Rd.
Dorsey, A. Archie, A.R., 1438 Pensacola St.
Dottt, Cecil K., A.B., Kealakekua, Hawaii.
Dung, (Mrs.) Lingtai S., Waikapu, Maui; 760—9th Ave.
Dunn, Lois C., 1319-J Wilder Ave.
Dyson, (Mrs.) Lucy, Box 33, Aiea, Oahu.
Dyson, Clarence B., Box 33, Aiea, Oahu.
Elder, (Mrs.) Nell B., Box 167, Honolulu.
Embree, John F., B.A., Kahana, Oahu.
Enos, (Mrs.) Josephine A., 2549 Waolani Ave.
Evensen, Lucille G., 1319-J Wilder Ave.
Falk, Signi, B.A., Mount Vernon, Iowa; Mid-Pacific Institute.
Farden, Bernard N., Lahaina, Maui; 2032 Bingham St.
Faulconer, (Mrs.) Grace, 1059—8th Ave.
Feiteira, Thomas M., Hamakuapoko, Maui; 848 S. Queen St.
Fernandes, Angeles, 1698 Lewalani Dr.
Fernandes, Joseph A., 1821-A Dole St.
Fiddes, Hilda J., Ewa, Oahu; 752 S. King St.
Fieldgrove, Sadie K., 1226—8th Ave.
Fitch, Edith Katherine, B.A., 2733 Terrace Dr.
Frick, Melvin H., 2627 Waolani Ave.
Fraser, Juliette M., B.A., 2733 Terrace Dr.
Frasher, Henry L., Nashville, Ark.; Box 1207, Fort Shafter, T. H.
Freitas, Henrietta, 1415 Lauhala St.
Freitas, Violet M., 918—18th Ave.
Frisbee, Naoma, B.M., 333 Saratoga Rd.
Frowe, (Mrs.) Margaret S., 1650 Young St.
Fuller, (Mrs.) Viola L., 880 Beretania St.
Fung, Charles T., 3123 Kaimuki Ave.
Fung-Hook, (Mrs.) Anna, 2131 S. King St.
Fursey, Margaret B., Brookland Hotel
Furuya, Noboru, 2725 S. King St.
Gabriel, James, 1214 N. School St.
Gallagher, (Mrs.) Mabel, 3007 Holei St.
Gault, A. Janet, 1522-F Hastings St.
Gay, Venus L., B.S., 1611 Keeaumoku St.
German, Helen G., 2468 Tusitala St.
Gilpin, (Mrs.) Ruth P., 3738 Pukalani Pl.
Gittel, Holoaumoku B., B.A., 711 Prospect St.
Gloweke, (Mrs.) Mabel D., 3211 Loulu St.
Godwin, Mary S., 2755 S. King St.
Gomes, Carrie P., 1290-B Akoko Lane
Gomes, Katie C., 1463 Luso St.
Gonsalves, John R., 1034—4th Ave.
Goo, Benedict, 3212 Lincoln Ave.
Goo, George W., B.S., 1310 Matlock Ave.
Goto, Yasuo B., A.B., Kealekekua, Hawaii.
Gouveia, (Mrs.) Mary O., 3127 Olu St.
Graham, James L., 1045 Spencer St.
Guerreiro, Violet M., 1249—10th Ave.
Guthrie, John E., Paris, Mo.; 2400 N. King St.
Hamamoto, Marguerite, Kalaeheo, Kauai; 914—21st Ave.
Hannestad, Sigrid, 1124—10th Ave.
Hanson, Laura D., Woodbrook, Md.; Pearl Harbor, T. H.
Harrington, Ann G., Beach Walk Inn.
Harrison, Charlotte, 2581 Alaula Way.
Harrison, Mary I., 1124 Union St.
Hasty, Helen E., B.A., 1335 Highview Pl.
Hawks, Derald, 127 Cleveland Ave., Salt Lake City, Utah; 1080 Young St.
Hayward, (Mrs.) Erma J., Ottawa, Kans.; 156 Uluniu Ave.
Hayward, Herbert M., B.S., 156 Uluniu Ave.
Henderson, (Mrs.) Margaret M., 854—12th Ave.
Henke, Louis A., M.S., 2657 Terrace Dr.
Henke, (Mrs.) Rachel D., 2657 Terrace Dr.
Hess, Alfred W., 204 Kaiulani Ave.
Hewitt, Loren, Cass City, Mich.; 3608 Sierra Dr.
Hicks, (Mrs.) Kathryne B., 2756 Upper Manoa Rd.
Higashihara, Kenneth K., Holualoa, Hawaii; 1425-C Emma St.
Hill, (Mrs.) Anna H., 2336 Beckwith St.
Hill, (Mrs.) Lois, 2721 Keeaumoku Way.
Hillmer, Grace, 2442-A Cleghorn St.
Ho, (Mrs.) Affie F., 411 Olohana St.
Ho, Flora G., 3722 Crater Rd.
Hobson, Alexander A., Colonial Hotel.
Hocher, Martha, 228 Cleghorn St.
Hockley, (Mrs.) Elizabeth C., 2144 Lanihuli Dr.
Hockley, Isabel I., B.S., M.A., 2144 Lanihuli Dr.
Holt, (Mrs.) Frances H., 847—17th Ave.
Holzinger, (Mrs.) Bessie S., MacDonald Hotel.
Honda, Ralph C., 1065 Aala St.
Hong, Clarence S., 284 Kukui St.
Hood, (Mrs.) Carrie D., 1114 Lunalilo St.
Hopkins, Janet W., 1018 Kalihi St.
Horne, (Mrs.) Margarite W., 2431 Burbank Rd.
Howell, (Mrs.) Edith M., 1552 Keaumoku St.
Howell, Noel, 1539 Pensacola St.
Howland, W. Deane, Punahou Schools.
Huckestein, (Mrs.) Inez L., Box 2684, Honolulu.
Hudson, (Mrs.) Margaret S., B.S., Kamehameha Schools.
Hume, Edward P., 606 W. 122nd St., New York City; Makiki Hotel.
Hunt, Harry A., 2400 N. King St.
Huntsman, Dugan L., Citizens Power & Light Co., Council Bluffs, Iowa; 16th Coast Artillery, Fort Ruger, T. H.
Hurd, Phyllis M., B.A., 2703 Terrace Dr.
Imoto, Masaichi, 911—6th Ave.
Inches, Myrtle, 3808 Pukalani Pl.
Ing, George L., 4103 Waialae Ave.
Ing, Grace F., L, 1002—8th Ave.
Ing, Lucille L., 1749 Self Lane.
Ing, Mary, 1136—8th Ave.
Inter, (Mrs.) Clara H., 1002—4th Ave.
Iseenberg, Eleanor W., 1920 Kakela Dr.
Ito, Kiyoshi, B.S., A. H. P. C. Experiment Station.
Jackson, Kermit J., A.B., Mason City, Neb.; Box 394, Schofield Barracks, T. H.
Jamieson, (Mrs.) Helen, 2412 Oahu Ave.
Janssen, (Mrs.) Frances, 721 Spencer St.
Jenkins, Isabelle, Tantalus Rd.
Jenkins, Selwyn P., 505 Ridge St., Reno, Nev.; c/o Georges', Ltd.
Johnson, (Mrs.) Florence B., 1646 Clark St.
Johnson, Harold M., Ph.C., B.S., 2235 Makiki Round Top.
Jones, Barbara S., Fort Shafter, T. H.
Jordan, Eugene H., 4831—5th Ave., Los Angeles, Calif.; 2171 Atherton Rd.
Judson, Ruth D., 1525 Magazine St.
Kaaha, John K., 1606 S. Hotel St.
Kaaha, Lucy K., 2735 S. King St.
Kahai, (Mrs.) Nellie M., 626—12th Ave.
Kanahele, Annie A., 123 Bates St.
Kano, Clarence T., 1314 Iao Lane
Kau, Esther I., 2430 Rooke Ave.
Kau, Lucy S., 1858 Liliha St.
Kaubah, (Mrs.) Alice M., 1014—2nd Ave.
Kawamoto, Shizuyo, 2205 S. Beretania St.
Kawamura, Kogi, B.A., 915 Sheridan St.
Kekapa, William K., 1219 Center St.
Keller, (Mrs.) Lora T., 2456 Oahu Ave.
Kellogg, Belle B., Vida Villa
Kempa, Maud M., 2637 Oahu Ave.
Kendrick, (Mrs.) Hattie, 913-A Green St.
Kenway, Evelyn G. Leahi Home.
Kerslake, Eliza E., 807 S. 7th St., Yakima, Wash.; 1630 Liholiho St.
Kinolau, (Mrs.) Rebecca I., Waianae, Oahu; 1107 Gulick Ave.
Knight, (Mrs.) Louise N., 158 Dowsett Ave.
Knowlton, Berenice A., 723—17th Ave.
Kondo, James N., 2285 Olu St.
Kong, (Mrs.) En Kyau Y., 2048 Bingham St.
Kozo, Tateishi, 1218 Nuuanu St.
Krauss, Noel H., 2557 Parker Pl.
Kufferath, Siegfried, 1328 Kaihee St.
Kulanialkea, Mabel H., Hana, Maui; 1416 McCandless Lane.
Kulzer, Irene, B.A., Valley, Wash.; 2191 Helumoa Rd.
Kumalae, Betty K., 2411 S. King St.
Kurisaki, (Mrs.) Mazie N., 1005 Hala Dr.
Laivo, Wilma W., Bandon, Ore.; 2449 Kuhio Ave.
Larson, Elizabeth B., Manistee, Mich.; Punahou Schools.
Lasar, Isabel C., 916 Lunaililo St.
Lau, (Mrs.) Elsie C., 1344 Moi Rd.
Lau, Gilbert K., 2331 Coyne St.
Lee, Alice K., 2041 Iholena St.
Lee, Ethel Y., 3031 Hinano Ave.
Lee, Genevieve, 2136 S. King St.
Lee, (Mrs.) Gladys F., 3812 Noeau Ave.
Lee, Henry Y., 1554 Liholiho St.
Lee, Joseph U., 1087—7th Ave.
Lee, Juliette K., 1026 Kikeke Ave.
Lee, (Mrs.) Mary S., B.A., 1366 S. King St., 1134 Miller St.
Lee, Violet W., 1863-H Makaoe Lane.
Leiter, Russell G., Ed.B., M.A., 2721 E. Manoa Rd.
Leong, Ah Tin, 1055 Kinau St.
Leong, Kenneth, 1325 Kaihee St.
Leong, Lillie L., 404 Pacific St.
Ling, (Mrs.) Annie, 1011—3rd Ave.
Liu, Bertha K., 1319 Emma St.
Lodge, R. Harry, Normanton, England; Box 784, Waipahu, Oahu.
Lohr, Zoe, B. P. E., 723—17th Ave.
Low, (Mrs.) Mary C., 2236 Young St.
Lucas, (Mrs.) Louise N., 1502 Spreckels St.
Lum, Helen P., 817 Factory St.
Lum, Koon Chew, 617 Waipa Lane.
MacDonnell, John C., Army & Navy Y. M. C. A.
Macfie, (Mrs.) Margaret F., 2190 Helumoa Rd.
Mackenzie, (Mrs.) Lurene H., 1412 St. Louis Dr.
Mackintosh, Katherine A., 1399 Koko Head Ave.
Maeda, Kimi, 1270-D Akala Lane.
Makaka, Violet K., 2014 Kapualani St.
Makaiwi, Herbert K., Hoolehua, Molokai; Tantalus (Deceased).
Malone, Jack M., 119 N. 14th Ave., Duran, Okla.; Wheeler Field, T. H.
Manuel, Romualdo S., Binalonan, Pangasinan, P. I.; Box 74, Honolulu.
Marques, Aldine H., 1116—10th Ave.
Marques, Josephine E., B.A., 2312 Liloa Rise.
Marsland, (Mrs.) Sadie, 2147 Wilder Ave.
Martin, Lucille L., 1417 Alexander St.
Martin, Theodore F., 427 Kalaimoku St.
Matsumoto, Tsunemori, 2728 S. King St.
Mau, Ernest L., Waipahu, Oahu.
Mau, (Mrs.) Marion L., 952—10th Ave.
Mau, (Mrs.) Winifred C., 1346 Wilhelmina Rise.
McCleery, (Mrs.) Maybelle B., 238 Liliuokalani Ave.
McCorriston, Gertrude A., Box 3314, Honolulu.
McCoy, Esther L., 1809 Court Ave., So. Pasadena, Calif.; 2157 Kalakaua Ave.
McCullough, Ray N., Box 2295, Lanikai, Oahu.
McFedries, Sherman, 909 Arden Rd., Pasadena, Calif.; 3002 Hibiscus Dr.
McLean, Elizabeth C., Waimanalo, Oahu.
McMurry, (Mrs.) Alice, 2407 Liliha St.
McMurtry, Randolph, B.S., Kamehameha Schools.
Meckredy, E. Frances, 4581 Kahala Ave.
Meek, Margaret C., 1334 Kalepa Pl.
Meek, (Mrs.) Sadie E., 1935 Kealakekua St.
Merlet, (Mrs.) Irene H., Waimea, Kauai.
Merrick, William F., 11 Perkins St., Plains, Penn.; 3853 Maunaloa Ave.
Meurlott, (Mrs.) Louise P., B.A., 2112 Dole St.
Michels, Rochelle R., 1817 McKinley St.
Midorikawa, Shizu, B.A., 1774 Algaroba St.
Miles, Erwin L., 821 Ocean View Dr.
Miller, Daisy A., Box 15, Hoolehua, Molokai; Mid-Pacific Institute.
Miller, Winifred, 1219 Alameda Dr., Portland, Ore.; 2436 Cleghorn Dr.
Minvielle, Albert E., B.S., 1641 Young St.
Mitchell, S. Eva, 2344 Beckwith St.
Mitchell, William H., B.S., M.A., Ph.D., 1810 Bingham St.
Miyahara, Ou, 2027 S. Beretania St.
Moo, Eleanor Y. N., 1040—6th Ave.
Moragne, Catherine H., Lihue, Kauai; Punahou Schools.
Morishige, Hanako, 1822-D Nuuanu Ave.
Morita, Dorothea Y., 2736 Laniloa Rd.
Mossman, Rebecca K., 840—15th Ave.
Motoyama, Elsie Y. K., 2632 Rooke Ave.
Mountes, (Mrs.) Hester, 2924 Park St.
Murata, Kenichi, 1826-B Sereno St.
Murphy, Jay J., 802 Ohio St., Vallejo, Calif.; 2448 Manoa Rd.
Murty, Catherine K., 848 S. King St.
Nakamura, Edwin E., 1026 Kopke St.
Nakanishi, Thomas, Kuulapuu, Molokai; 1523 Nuuanu Ave.
Nakano, Harvey S., 1755 Fort St.
Nawatani, Jack I., Hilo, Hawaii; Box 1384, Honolulu.
Nicoll, Melvin A., 253-A Lewers Rd.
Nishi, Jessie, 564 N. King St.
Nobriga, Francis J., 3427 Pehu St.
Nott, Anna C., B.S., 2900 Nuuanu.
Oda, (Mrs.) Emily S., 1900 Bingham St.
Odenweller, Charles J., 9 Dempster St., Boston, Mass.; Fort Kamehameha, T. H.
O'Dowda, (Mrs.) Dorothy M., 3738-A Manini Way.
Ogata, Tomi, 1037 Kinau St.
Ogilvie, (Mrs.) June B., Royal Hawaiian Hotel. (Withdrew).
Oliveira, Juliette M., B.A., M.S., 1541 Fort St.
Oliver, (Mrs.) Freda S., 4042 Kahala Cliffs.
Olivera, (Mrs.) Virginia P., 1655 Pilikoi St.
Olmstead, Rosalyn B., B.S., Kamehameha Schools.
Olson, Edna C., 236 S. 5th, Pocatello, Ida.; Wahiawa, Oahu.
Omotu, Isamu, Moanalua.
Omotu, Itono J., 2433 Waolani Ave.
Ono, Masaru, 1223 Koko Head Ave.
Opie, Eleanor, 2040 Kakela Dr.
Ottmann, Donald R., A.B., M.A., 3630 Sierra Ave.
Ozu, Yoshihiko, 1123 Nuuanu Ave.
Pa, (Mrs.) Kuulei, Kalapana, Hawaii; 1416-D Lunalilo St.
Palmer, (Mrs.) Dorothy M., 1450 Kewalo St.
Parker, Maurice G., 3071 Nuuanu Ave.
Parsons, Rosemary, 900 Ordway St., Berkeley, Calif.; 101 Schofield Barracks, T. H.
Peacock, Eleanor, 4355 Kahala Rd.
Pearce, (Mrs.) Gladys A., 1319 Emma St.
Peppin, Hazel, 2212 McKinley St.
Peralta, (Mrs.) Virginia J., 859—20th Ave.
Perry, Robert C., 2065 Lanihuli Dr.
Petrie, (Mrs.) Eva M., 1910 Manoa Rd.
Pick, Robert B., C.E., 1908 5th St., Bremerton, Wash.; 13 Dewey Court.
Piltz, Maynard D., 839—7th Ave.
Podmore, Glenna M., 2302 Seaview Ave.
Polesky, Dorothy, 239 Lewers Rd.
Pollock, Marguerite H., 4438 5th St., Riverside, Calif.; Apt. 2, 2189 Kalia Rd.
Preston, Mary B., 1749 S. Beretania St.
Price, Angeline L., 2754 Ferdinand Ave.
Puves, (Mrs.) William K., M.A., Kamehameha Schools.
Puves, William K., B.M.E., Kamehameha Schools.
Quintel, (Mrs.) Jessie F., 1735 Wilder Ave.
Quizon, Philomena, 1726 Anapuni St.
Register of Students

Rawlins, Portia, 276 Beach Walk.
Reese, Edna R., 607 E. Broad St., Tamaqua, Penn.; 932 Fort St.
Reeve, Marylyn, Schofield Barracks, T. H.
Reeve, Parker M., M.S., Schofield Barracks, T. H.
Reis, Rose G., 1290-B Apoko Lane.
Rhoads, Elvis B., 1546 Pensacola St.
Richards, Miriam W., 427 Kuakini St.
Richey, Edna, 2336 Beckwith St.
Rieckman, Berenice, Greenview, Ill.; Queen's Hospital.
Ross, (Mrs.) Caroline S., B.A., 2626 Terrace Dr.
Roth, Gretel M., Basel, Switzerland; 4199 Black Point Rd.
Sabey, Anna K., 770 Judd St.
Santos, Flora, 331 Santos Court.
Schulze, Edward S., A.B., 123 Monte Ave., Piedmont, Calif.; 237 Lewers Rd.
Schoonmaker, Lucas E., B.S., Fort Ruger, T. H.
Schulze, Robert, 123 Monte Ave., Piedmont, Calif.; 237 Lewers Rd.
Schurman, Margaret D., 2630 Halelana St.
Scobie, (Mrs.) Bessie, 1557 Hastings St.
Scott, Evelyn G., B.S., 552 N. Madriver St., Bellefontaine, Ohio; 405 Dillingham Bldg.
Seal, (Mrs.) Dorothy C., 2216-E Kalia Rd.
Seawell, Helen, Papaloa, Hawaii; 430 Lewers Rd.
Sen, Francis F., 318 Kukui St.
Serisawa, Koko, Aotani, Kobe, Japan; 111 Milo Lane (Withdrew).
Shin, Esther C., 1934 S. King St.
Shepherd, Carolyn W., B.A., 1805 Punahou St.
Smith, Clara, 2216-E Kalia Rd.
Smith, (Mrs.) Enid S., A.B., M.A., 2108 Oahu Ave.
Smith, Uarda F., 2216-E Kalia Rd.
So, Esther Atsuko, 1616 Nuuanu St.
Soon, Albert H., 2525 Rook Ave.
Sousa, Esther F., 1377 Lusitana St.
Spillner, Ernest E., B.A., 2157 Liliha St.
Steiner, Ellis A., 726 S. Johnson, Bluffton, Ind.; 8th Field Artillery, Schofield Barracks, T. H.
Stepp, (Mrs.) Ida J., 2432 Cleghorn St.
Sterneman, Vera, 246 Makee Rd.
Stirling, Ellen, Pearl Harbor, T. H.
Stubblefield, Beatrice F., Lanai City, Lanai; 1652 Liholiho St.
Tachera, Rita C., 1736 Kalani St.
Tanaka, (Mrs.) Miyo Y., 413-B Kapahulu Ave.
Tavares, (Mrs.) Unita G., 2305 Oahu Ave.
Thoene, (Mrs.) Alma E., 2548 Rooke Ave.
Thomas, Clarence L., 3144 Huelani Dr.
Thomas, Willis L., 3144 Huelani Dr.
Thompson, Herbert L., Punahou Schools.
Thompson, Minnie A., 1525½ Wilder Ave.
Thompson, Robert R., 3828 Pahoa Ave.
Ting, Elsie Y., B.A., 3742 Harding Ave.
Tokimasa, Aiko, 1504 Kaumualii St.
Tong, Ah Huna, 1019-C—7th Ave.
Tong, Constance, 2258 Metcalf St.
Toomey, Samuel Sr., 959—12th Ave.
Trainum, Helen, 779-B Lunalilo Terrace.
Traut, Lorraine B., 2238-G Helumoa Rd.
Travis, (Mrs.) Ruth, B.A., 1519-B Wilder Ave.
Tseu, Elizabeth S., 957—8th Ave.
Tsuj, William H., B.S.; 2106 Aulii St.
Tuggle, Cleo P., 444 Kuamoo St.
Turner, Mordaunt V., A.B., 108 Schofield Barracks, T. H.
Tyau, Bartholomew L., 2031 Coyne St.
Tyau, (Mrs.) Belle T., 1436 Lunalilo St.
Tyssowski, (Mrs.) Mary T., 1828 Young St.
Ung, Anne S., 1121 Wilder Ave.
Vance, (Mrs.) Agnes B., 425 Lewers Rd.
Van Vactor, Thelma J., 2449 Kuhio Ave. (Withdraw).
Vaughn, (Mrs.) Inger S., B.S., 1625 Dole St.
Von Holt, Betty, 900 Alewa Dr.
Wade, Annie E., 1802 Makiki St.
Wai, Francis K., Pahala, Hawaii; 83 N. King St.
Waldron, Elizabeth, Fort Shafter, T. H.
Waldron, Frederick A., 2429 Nuuanu Ave.
Wallace, Marian, Rock Rapids, Iowa; Schofield Barracks, T. H.
Warner, Bernice, B. S., 2262 Kalia Rd.
Warren, Marion F., 1904 Vancouver Hwy.
Watson, (Mrs.) Louise W., 1140 Cornell St., Pittsburgh, Penn.; 2435-B Ala Wai Blvd.
Weatherbee, (Mrs. Gladys, 439 Kuamoo St.
Webling, Gustav H., B.S., 1932 Bingham St.
Webling, (Mrs.) Marie, 1932 Bingham St.
Weinberg, Bernard H., 1550 Kinau St.
Weinrich, William, 2636 Ferdinand Ave.
Weinstein, Israel, 1801 Anapuni St.
Welsh, (Mrs.) Pearl H., Young Hotel.
Westendorf, Eleanor, 332-B Seaside Ave.
Westsly, Ella T., 2710 Manoa Rd.
White, Eugene M., 1502 Spreckles St.
White, Helen P., 1027—6th Ave.
Wilcox, Eleanor K., B.A., Box 2638, Honolulu.
Wilkes, Mary, Ainahau Court, Kailoani Ave.
Wilkie, Harry, B.S., Rosebud, Mont.; Dept. Signal Office, Fort Shafter, T. H.
Wills, Louis A., 1568 Piikoi St.
Wilson, David K., 1316 Matlock Ave.
Wilson, Ethel J., Box 925, Hilo, Hawaii; 1840 Anapuni St.
Wilson, Louise A., 752 S. King St.
Register of Students

Wilson, Walter S., Woodlawn, Manoa.
Wise, John, 632 Mokaua St.
Withington, Frederic B., B.A., Cottage D, Kamehameha Schools.
Won, Arthur E., 1950 Pauoa Rd.
Wong, Ah Lung, 2027 S. Beretania St.
Wong, Alice S. K., 3417 Pahoa Ave.
Wong, (Mrs.) Anna A., 1625-E Liliha St.
Wong, Arthur Y., 1235-C Iao Lane.
Wong, Eleanor, 1757 Fort St.
Wong, (Mrs.) Ella S., 1226—9th Ave.
Wong, (Mrs.) Oy Cum, 927—8th Ave.
Wong, Robert B., 321-J Pahala Lane.
Wongwai, Katherine, 2048 S. Beretania St.
Woo, Ethel, 1041 Koko Head Ave.
Woo, Victoria S., 1041 Koko Head Ave.
Wood, (Mrs.) Nadine E., 2421-F Ala Wai Blvd.
Wun, En Yin, 2416 Puunui Ave.
Yamada, George M., 707 Iwilei Rd.
Yamamoto, Ruth S., 3412 Wela St.
Yamamoto, Toshio, Mid-Pacific Institute.
Yap, Alice, 3225 Hunter St.
Yap, Eugene T., 3465 Waialae Ave.
Yap, Fook Gin, 1139 Lunaililo St.
Yap, Maud T. L., 1614 Leilehua Lane.
Yap, (Mrs.) Mollie M., 1646-F Liholiho St.
Yap, Rachel L., 3465 Waialae Ave.
Yates, (Mrs.) Genevieve A., B.A., Country Club Rd.
Yee, (Mrs.) Aylee A., 1641 Nuuanu Ave.
Yee, (Mrs.) Emma E. Y., 3742 Harding Ave.
Yee, Mary K., 2735 S. King St.
Yim, (Mrs.) Emma C., 1625-D Liliha St.
Yim, (Mrs.) Sarah N., Kohala, Hawaii; 1925 Fort St.
Yoshida, Shigeo, B.A., 3515-A Maluhia St.
Yoshihara, Kimi, Tetonicho, Ashikaga, Japan; 1071 Kinau St.
Yoshioka, Yone, 1124—10th Ave.
Young, Eleanor T., 3133 Waialae Rd.
Young, (Mrs.) Ethel C., 1344 Moi Rd.
Young, Neva E., B.C.S., Mid-Pacific Institute.
Young, Vera L., B.A., 2302 Alden St., St. Paul, Minn.; Leahi Home.
(Withdrew).
Yuen, James Y., 715 Panui St.
Zane, Alice W., 3434 Waialae Ave.
Zetterberg, Ebba, 1331 Nowewehi St.
## SUMMARY OF STUDENTS

<table>
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<td>Students Carrying Limited Program*</td>
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<td>Students Not Working for Credit</td>
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<td>Summer Session, 1931</td>
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*See note, page 193.
GEOGRAPHIC DISTRIBUTION
(Summer Session and Non-Credit Students Not Included)

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<th>Location</th>
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<tr>
<td>Oahu</td>
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<td>Hawaii</td>
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# INDEX

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