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CALENDAR

1936-1937

1936

June 23  Twenty-fifth Annual Commencement.
June 29  Summer Session begins.
August 7  Summer Session closes.
September 1  Last day for receiving applications for admission.
September 23-24  "Freshman Week."
September 25-26  Registration, Twenty-ninth Annual Session.
September 28  Instruction begins.
November 11  Armistice Day.
November 26-28  Thanksgiving Recess.
December 19  Christmas Recess begins.

1937

January 4  Work resumed.
February 4  Formal Class instruction, 1st semester, closes.
February 8-13  Mid-year examinations.
February 18  Registration, Second Semester.
February 22  Washington's Birthday.
March 26-27  Good Friday Recess.
May 27  Fifteenth Annual Contest for Berndt Prize.
June 14-19  Final Examinations.
June 22  Twenty-sixth Annual Commencement.
June 28  Summer Session begins.
September 1  Last day for receiving applications for admission.
September 22-23  "Freshman Week."
September 24-25  Registration, Thirtieth Annual Session.
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 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 25 to February 13, the second semester from February 18 to June 22, and the 1936 summer session is from June 29 to August 7.

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

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

FRESHMAN WEEK.—Every Freshman is expected to be at the University during “Freshman Week,” September 23-24. 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 receives an annual grant from the Federal government.

CHARTER.—The University of Hawaii was established by enactment of the Territorial Legislature. The charter and by-laws of the Board of Regents are published in a pamphlet available upon request.

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, a member of the Board of Commissioners of Public Instruction designated by the Governor, and the President of the University of Hawaii, ex officio.

* See page 39.
THE BOARD OF REGENTS

David L. Crawford (1927)*
University of Hawaii, Honolulu

Arthur Lyman Dean (1932)
Alexander & Baldwin, Ltd., Honolulu

Carl A. Farden (1933)
P.P.C.A. Experiment Station, Honolulu

Mary Dillingham Frear (1920)
1434 Punahou St., Honolulu

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

Oren E. Long (1935)
Department of Public Instruction, Honolulu

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

OFFICERS OF THE BOARD

Chairman: Charles R. Hemenway
Secretary: David L. Crawford

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

GENERAL

David L. Crawford, LL.D., President of the University
2355 Oahu Ave. Hawaii Hall 104

Arthur R. Keller, M.S., Vice-President
2456 Oahu Ave. Hawaii Hall 104

Gerald R. Kinnear, M.B.A., Treasurer
3041 Oahu Ave. Hawaii Hall 103

Thayne M. Livesay, Ph.D., Director of Admissions
2623 Halelena St. Hawaii Hall 117

Helen B. MacNeil, M.A., Registrar
2010 Hunnewell St. Hawaii Hall 115

Mary P. Pringle, Librarian
Pleasanton Hotel Library 3

Ernest C. Webster, C.E., Dean of Men
1836 Punahou St. Hawaii Hall 2A

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

DEANS AND DIRECTORS

Arthur L. Andrews, Ph.D., Dean of the Faculties
2346 Liloa Rise Hawaii Hall 118

Wm. H. George, Ph.D., Dean of the College of Arts and Sciences
Makiki Hotel Hawaii Hall 116

Arthur R. Keller, M.S., Dean of the College of Applied Science
2456 Oahu Ave. Hawaii Hall 104

Benjamin O. Wist, M.A., Dean of Teachers College
2128 Oahu Ave. T. C. 121

Thayne M. Livesay, Ph.D., Director of Summer Session
2623 Halelena St. Hawaii Hall 117

Paul S. Bachman, Ph.D., Director of Graduate Division
2611 Terrace Dr. Library 8

Royal N. Chapman, Ph.D., Dean of the Graduate School of Tropical Agriculture
2447 Parker Pl. P.P.C.A. Expt. Station

Gregg M. Sinclair, M.A., Director of Oriental Institute*
2979 Kalakaua Ave. Hawaii Annex 16 A

R. Ray Scott, Ph.D., Director of Adult Education Division
3833 Pukalani Pl. Hawaii Hall 110

Frederick G. Krauss, D.Sc., Director of Agricultural Extension Service
2557 Parker Pl. Agric. Bldg. 2

O. C. Magistad, Ph.D., Director of Hawaii Agricultural Experiment Station
2226 Hyde St. Agric. Bldg. 108

* Absent on leave, second semester.
COMMITTEES OF THE FACULTY
(1935-1936)


Admissions:  T. M. Livesay (Chairman), Deans Keller, George and Wist, H. B. MacNeil.

Scholastic Standing:  E. C. Webster (Chairman), L. N. Bilger, Deans Keller, George and Wist.


Graduate Division:  P. S. Bachman (Chairman), R. N. Chapman, J. A. Tanner, C. J. Hamre, O. N. Allen.


Student Aid:  L. N. Bilger (Chairman), W. J. Homan, C. Hornung, A. G. Clarke, J. Florence Iseman.


* L. N. Bilger is serving as Chairman during the second semester in the absence of N. B. Beck.
THE FACULTIES OF THE UNIVERSITY
(1935-1936)

COLLEGE OF ARTS AND SCIENCES
Dean: William H. George, Ph.D.

ANTHROPOLOGY:

FELIX M. KEESING, D.Litt., Associate Professor of Anthropology, (1934)*
B.A., Univ. New Zealand, 1924; M.A., Univ. New Zealand, 1925; Yale Univ., 1928-39; Univ. Chicago, 1929-30; D.Litt., Univ. New Zealand, 1933; London School of Economics and Political Science, 1933-34.
1954 Vancouver Dr.

†HARRY L. SHAPIRO, Ph.D., Research Specialist in Physical Anthropology, (1930)

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

FREDERICK S. HULSE, Ph.D., Research Associate in Anthropology, (1935)
753 Eighteenth Ave.

ERNEST BEAGLEHOLE, Ph.D., Research Associate in Anthropology, (1935)
Bishop Museum

STELLA M. JONES, A.M., Research Assistant in Anthropology, (1934)
A.M., Univ. Chicago, 1934.
Fernhurst

ART:

HUC-MAZELET. LUQUIENS, B.F.A., Associate Professor of Art, (1924)
1646 Bingham St. Hawaii Hall 215

HENRY H. REMPEL, M.A., Instructor in Art, (1929)
2101 McKinley St. Hawaii Hall 216

BOTANY:

HAROLD ST. JOHN, Ph.D., Professor of Botany, (1929)
Absent on leave, 1935-1936.

* Indicates year of appointment on the University Faculty.
† On a part time basis.
University of Hawaii

OSCAR NELSON ALLEN, Ph.D., Associate 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

ROSS S. BEAN, B.S., Assistant Professor of Botany, (1927)
B.S., Brigham Young Univ., 1921; Graduate Study, Univ. California, 1925-1927, 1933-1934.
1716 Hunnewell St.

†DANIEL M. WELLER, Instructor in Botany, (1934)
2630 Doris Pl.

F. RAYMOND FOSBERG, M.S., Assistant in Botany, (1932)
B.A., Pomona College, 1930; M.S., Univ. Hawaii, 1935.
2365 Oahu Ave.

ECONOMICS AND BUSINESS:

MERTON K. CAMERON, Ph.D., Professor of Economics, (1928)
2129 McKinley St.

†MATTHEW M. GRAHAM, C.P.A., Professor of Accounting, (1927)
2646 Oahu Ave.

HAROLD J. HOFFLICH, Ph.D., Instructor in Economics and Business, (1934)
B.A., Univ. Oregon, 1925; Ph.D., Univ. California, 1933.
2247-B Waikolu Way

†HAROLD T. KAY, LL.B., Lecturer in Business Law, (First Semester) (1934)

†MARGUERITE ASHFORD, J.D., Lecturer in Business Law, (Second Semester) (1936)
B.L., Univ. California, 1914; J.D., Univ. Michigan, 1915.
741 8th Ave.

†J. J. DELPECH, C.P.A., Lecturer in Accounting, (1933)
2726 Laniloa Rd.

JOHN A. WEISNER, B.S., Assistant in Economics, (1935)
B.S., Linfield College, 1933.
2845 Oahu Ave.

† On a part time basis.
ENGLISH:

ARTHUR L. ANDREWS, Ph.D., Professor of English, (1910)
2346 Liloa Rise  Hawaii Hall 118

CHARLES H. NEIL, M.A., Associate Professor of English, (1921)
B.A., Univ. South Carolina, 1903; M.A., Yale Univ., 1930.
Pacific Club  Hawaii Annex 16 B

GREGG M. SINCLAIR, M.A., Associate Professor of English, (1928)
Absent on leave, second semester.

LAURA V. SCHWARTZ Ph.D., Assistant Professor of English, (1924)
Absent on leave, 1935-1936.

ELIZABETH JACKSON, Ph.D., Visiting Assistant Professor in English
A.B., Radcliffe College, 1913; A.M., Radcliffe College, 1914; Ph.D., Radcliffe College, 1916; Assistant Professor of English, Univ. Minnesota.
Niumalu Hotel  Hawaii Annex 15

ARTHUR E. WYMAN, B.S., Assistant Professor of Dramatic Art, (1930)
B.S., Dartmouth, 1911.
Upper Manoa  Farrington Hall

N. B. BECK, M.A., Assistant Professor of English, (1928)
Absent on leave, second semester.

CARL G. STROVEN, M.A., Instructor in English, (1927)
2711 Koaniani Way  Hawaii Annex 13

THOMAS BLAKE CLARK, M.A., Instructor in English, (1930)
2011-B Lanihuli Dr.  Hawaii Annex 11

WILLARD WILSON, M.A., Instructor in English, (1930)
2225 Hyde St.  Hawaii Annex 16 A

GEORGE J. PEAVEY, M.A., Instructor in English, (1930)
A.B., Univ. Denver, 1924; M.A., Univ. Hawaii, 1931.
161-D Ohua Ave.  Hawaii Annex 11

MURIEL J. BERGSTROM, M.A., Instructor in English, (1931)
Moana-Seaside Hotel  Hawaii Annex 14

ALBERT R. HORLINGS, B.A., Instructor in Journalism, (1934)
B.A., Univ. Minnesota, 1934.
2323-A Oahu Ave.  Hawaii Hall 106

†FLORENCE HENDERSON, Ph.D., Lecturer in Speech
A.B., Univ. Denver, 1921; M.A., State Univ. Iowa, 1927; Ph.D., Univ. Wisconsin, 1935.
1411 Alapai St.

MARJORIE PUTNAM, B.A., Assistant in English, (1935)
B.A., Mills College, 1935.
Women's Dormitory

† On a part time basis.
GEOGRAPHY:

JOHN WESLEY COULTER, Ph.D., Associate Professor of Geography, (1928)
B.A., Univ. California, 1919; M.A., Univ. California, 1921; Ph.D.
Univ. Chicago, 1926.
2979 Kalakaua Ave. Dean Hall 8

STEPHEN B. JONES, Ph.D., Instructor in Geography, (1935)
B.S., Univ. Washington, 1924; M.A., Harvard Univ., 1929; Ph.D.,
Harvard Univ., 1934.
1110 Kealaolu St. Dean Hall 8

†EMORY W. STEVENS, Lieutenant, U. S. N., Lecturer in Meteorology.
Diploma, U. S. Naval Academy; M.S., Massachusetts Institute of Technology, 1932; Aerological Officer, Fleet Air Base, Pearl Harbor.
1377 Alewa Dr.

GERMAN:

MARIA HOERMANN, B.A., Assistant Professor of German Language, (1927)
State Examination for Secondary Schools, Berlin, Germany, 1905; B.A.,
Univ. Hawaii, 1923.
1036 Green St. Hawaii Hall 210

BERTHA MUELLER, Ph.D., Instructor in German Language, (1935)
B.A., Northwestern Univ., 1926; M.A., Univ. Wisconsin, 1929; Ph.D.,
Univ. Wisconsin, 1933.
2386 Oahu Ave. Hawaii Hall 210

HAWAIIAN:

HENRY P. JUDD, B.A., Professor of Hawaiian Language, (1934)
B.A., Yale Univ., 1901; Graduate Study, Auburn Seminary, 1903-1906.
2021 Kakeha Dr. Hawaii Hall 4

HISTORY AND POLITICAL SCIENCE:

WILLIAM H. GEORGE, Ph.D., Professor of History and Political Science, (1930)
A.B., Harvard Univ., 1902; M.A. Princeton, 1906; Ph.D., Harvard
Univ., 1921; Graduate Study under Dr. Duguit, Univ. Bourdeaux.
Makiki Hotel Hawaii Hall 116

PAUL S. BACHMAN, Ph.D., Associate Professor of Political Science, (1927)
B.A., Ohio State Univ., 1922; M.A. Univ. Washington, 1924; Ph.D.,
Univ. Washington, 1927; Univ. Michigan, 1933.
2611 Terrace Dr. Library 8

RALPH S. KUYKENDALL, M.A., Assistant Professor of History, (1923)
A.B., College of Pacific, 1910; M.A., Univ. California, 1918.
2188 Atherton Rd. Library 6

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.
Absent on leave, 1935-1936.

KENNETH L. CULVER, Ph.D., Instructor in History, (1935)
A.B., Univ. California, 1929; M.A., Univ. California, 1930; Ph.D.,
Univ. California, 1933; Research Work, Univ. Nebraska, 1935.
3119 Huelani Dr. Library 7

HOWARD KOHR, B.A., Teaching Fellow in Political Science and History, (1934)
Pleasanton Hotel Hawaii Annex 8

† On a part time basis.
Faculty

ORIENTAL STUDIES:

TASUKU HARADA, DD. LL.D., Emeritus 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; LL.D., Univ. Hawaii, 1932.

SHAO CHANG LEE, M.A., Professor of Chinese Language and History, (1922)
Graduate Canton Christian College, China, 1911; Graduate Tsing Hua College, Peking, China, 1913; A.B., Yale Univ., 1917; M.A., Columbia Univ., 1918.
Absent on leave, 1935-1936.

WING TSIT CHAN, Ph.D., Visiting Professor of Chinese Philosophy, (First Semester)
B.A., Lingnan Univ., 1924; A.M., Harvard, 1927; Ph.D., Harvard, 1929; Educational Director and Professor of Chinese Culture, Lingnan Univ.

EIICHI KIYOOKA, B.A., Visiting Professor of Japanese Language and Civilization, (Second Semester)
B.A., Cornell Univ., 1927; Professor at Keio Univ., Japan.

TADAOL KUNITOMO, M.A., Instructor in Japanese Language, (1929)
Graduate Aoyama Gakuin College, Japan, 1918; M.A., Oberlin, 1923; Graduate Study, Tokyo Imperial Univ., 1933-1935.

T. Y. CHAR, M.A., Instructor in Chinese Language, (1930)

†YUKUO UYEHARA, B.A., Instructor in Japanese Language, (1933)
B.A., Univ. Hawaii, 1931; Graduate Study, Univ. Hawaii, 1932; Waseda Univ., Tokyo, Japan, 1933.

PHILOSOPHY:

THOMAS R. KELLY, Ph.D., Professor of Philosophy, (1935)
B.S., Wilmington College, 1913; B.S., Haverford College, 1914; B.D., Hartford Theological Seminary, 1919; Ph.D., Hartford Theological Seminary, 1924; Graduate Study, Harvard Univ., 1930-1932.

POLICE ADMINISTRATION:

ADNA G. CLARKE, LL.B., Colonel, U.S.A., (Retired), Professor of Police Administration, (1921)
LL.B., Kansas Univ., 1897; B.A., Kansas Univ., 1900; Graduate Artillery School, 1906; Distinguished Graduate, School of the Line, 1913; Graduate Army Staff College, 1914.

† On a part time basis.
D. Ransom Sherretz, M.A., Lecturer in Police Administration, (1934)
Graduate Study, Univ. Wisconsin; Personnel Officer, Honolulu Police
Department.
3338 Kaimuki Ave.

George F. Larsen, Lecturer in Police Administration, (1935)
Univ. Hawaii; Univ. Calif.; Captain, Honolulu Police Department.
1442 Kewalo St.

Political Science (See History):

Psychology:

Thayne M. Livesay, Ph.D., Professor of Education and Psychology, (1924)
A.B., Pacific Univ., 1917; A.M., Univ. Washington, 1921; Stanford
Univ.; Ph.D., Univ. Washington, 1931.
2623 Haleleina St. Hawaii Hall 117

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 Teachers College 114

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; Officier de
l'Instruction Publique; White Cross Spanish Order of Naval Merit;
Chevalier de la Legion d'Honneur.
Pacific Club Farrington Hall

Denzel Carr, Ph.M., Instructor in Romance Languages, (1933)
Univ. Oklahoma; Kosciuszko Scholar, 1929-1932; Ph.M., Univ. Cracow,
1932; American Council of Learned Societies' Research Fellow, Sino-
logisch Instituut, Univ. Leiden, Holland, 1932-1933; Member of Polish
Academy of Sciences, Polish Oriental Society, Romanization Committee
of the International Institute of Intellectual Cooperation (League of
Nations), Paris.
1527 Makiki St. Hawaii Annex 12

*Eva Le Clair, B.A., Instructor in Romance Languages, (1934)
B.A., Univ. Hawaii, 1932; Diploma, Sorbonne, 1933.

John Earl Aguiar, M.A., Instructor in Romance Languages,
(1935)
B.A., Univ. Calif. at Los Angeles, 1932; M.A., Univ. California
(Berkeley), 1933; Graduate Study, Centro de Estudios Historicos, Ma-
drid; Alliance Francaise, Paris, 1934-1935.
1309 Lunalilo St. Hawaii Annex 9 A

Sociology:

Romanzo Adams, Ph.D., Emeritus Professor of Sociology, (1920)
A.B., Univ. Michigan, 1897; M.A., Univ. Michigan, 1898; Ph.D., Univ.
Chicago, 1904.
2315 Liloa Rise Library 4

†On a part time basis.
* Resigned December, 1935.
Faculty

ANDREW W. LIND, Ph.D., Associate Professor of Sociology, (1927)
A.B., Univ. Washington, 1924; M.A., Univ. Washington, 1925; Ph.D.,
Univ. Chicago, 1931.
2636 East Manoa Rd.

CLARENCE E. Glick, A.M., Assistant Professor of Sociology, (1935)
A.B., DePauw Univ., 1927; A.M., Univ. Chicago, 1928; Graduate
2453 Sonoma Dr.

†NELL FINDLEY, M.A., Lecturer in Sociology, (1932)
Graduate San Francisco State Teachers College, 1907; New York School
of Social Work, 1921-22; M.A., Univ. Hawaii, 1933; Executive Secretary,
Social Service Bureau, Honolulu.
1134 Miller St.

ZOOLOGY:

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

CHRISTOPHER J. HAMRE, Ph.D., Associate Professor of Zoology,
(1930)
A.B., St. Olaf College, 1923; M.S., Univ. Wisconsin, 1927; Ph.D., Univ.
Wisconsin, 1930.
3119 Huelani Dr.

MILTON A. MILLER, Ph.D., Instructor in Zoology, (1935)
A.B., Univ. Illinois, 1929; Ph.D., Univ. California, 1934.
1092 Spencer St.

WILLIAM INGRAM, B.A., Assistant in Zoology, (1935)
B.A., Pomona College, 1935; Graduate Study, Claremont Colleges, 1935.
2207 Mohala Way

COLLEGE OF APPLIED SCIENCE
Dean: Arthur R. Keller, M.S.

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.

Agricult. Bldg. 101
J. M. WESTGATE, M.S., Professor of Tropical Agriculture, (1929)
B.S., Kansas Agric. College, 1897; M.S., Kansas Agric. College, 1899;
Graduate Study, Univ. Chicago, 1901-1903; Director of Hawaii Agricultural Experiment Station, 1915 to June 1935.
Experiment Station Reservation
Tantalus Road

HAROLD A. WADSWORTH, B.S., Professor of Agriculture, (1928)
Absent on leave, second semester

†WILLIS T. POPE, D.Sc., Lecturer in Horticulture, (1929)
B.S., Kansas Agric. College, 1898; M.S. Univ. California, 1916; D.Sc.,
Univ. Hawaii, 1926.
Waimanalo, Oahu

JULIUS L. COLLINS, Ph.D., Associate Professor of Genetics, (1930)
B.S., Univ. California, 1918; Ph.D., Univ. California, 1923; Geneticist,
P.P.C.A. Experiment Station.
1920 Hunnewell St.

CARROLL P. WILSIE, Ph.D., Assistant Professor of Agronomy and Genetics, (1931)
B.S., Univ Wisconsin, 1926; Graduate Study, Univ. Illinois, 1926-1927;
Ph.D., Michigan State College, 1931; Hawaii Expt. Station Agronomist.
2441 Sonoma Dr.

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

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

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.
2512 East Manoa Rd.

EARL M. BILGER, Ph.D., Associate Professor of Chemistry, (1925)
B.S., Wesleyan Univ., 1920; M.A., Wesleyan Univ., 1921; Ph.D., Yale
2328 Sceavie Ave.

†W. R. McALLEP, Lecturer in Sugar Technology, (1919)
Sugar Technologist, H.S.P.A. Experiment Station, Honolulu.
Absent, on leave, second semester

† On a part-time basis.
Faculty

†WILFRED J. HOLMES, Lieutenant, U.S.N., Lecturer in Chemistry
Diploma, U.S. Naval Academy, 1922; M.S., Columbia Univ., 1929.
1034 Kealaolu Ave.

GIICHI FUJIMOTO, M.S., Instructor in Chemistry, (1921)
B.S., Univ. Hawaii, 1921; M.S., Univ. Hawaii, 1923.
1524 Farrington St. Gartley Hall 208

JOHN H. PAYNE, Ph.D., Instructor in Chemistry, (1932)
B.S., Butler Univ., 1927; M.A., Univ. Cincinnati, 1928; Ph.D., Univ.
Cincinnati, 1930; Research Fellow Univ. Munich, 1930-1931.
1946-A Vancouver Dr. Gartley Hall 209

ELIZABETH STEFFEE, B.S., Assistant in Chemistry, (1935)
B.S., Florida State College for Women, 1932.
Aiea, Oahu

ENGINEERING:

ARTHUR R. KELLER, M.S., Professor of Engineering, (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 104 Engineering Bldg. 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 In­
itute of Technology, 1928.
2356 Waolani Ave. Engineering Bldg. 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. Engineering Bldg. 27

RUSSELL C. BRINKER, M.S., Instructor in Engineering, (1935)
B.S.C.E., Lafayette College, 1929; M.S.C.E., Univ. Minnesota, 1933;
Graduate Work, Univ. Minnesota, 1933-1935.
2011-A Hunnewell St. Engineering Bldg. 15

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.
2231 Hyde 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 Kaapu 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; Vienna School of
2289 Kamehameha Ave. Hawaii Hall 119

† On a part time basis.
KATHERINE BAZORE, M.A., Assistant Professor of Home Economics, (1929)
B.S., Ohio State Univ., 1917; M.A., Teachers College, Columbia Univ., 1925.
Absent on leave, 1935-1936.

LILA CANAVAN, M.S., Instructor in Home Economics, (1935)
284 Ohua Ave.

JANA GLENN, B.S., Instructor in Home Economics, (1932)
B.S., Univ. Hawaii, 1932.
Absent on leave, 1935-1936.

NORA K. H. WONG, B.S., Assistant in Home Economics, (1934)
B.S., Univ. Hawaii, 1934.
1908 Coyne St.

HELEN YONGE, B.S., Assistant in Home Economics, (1935)
B.S., Univ. Hawaii, 1935.
2189 Kalia Rd.

ELIZABETH COOPER, M.A., Assistant in Home Economics, (1934)
268 Beach Walk

ADA BEATRICE ERWIN, B.S., Lecturer in Home Economics, (1930)
2627 Kaapiu St.

AMY MacGOWAN, M.A., R.N., Lecturer in Child Hygiene, (1931)
A.B., Beloit College, 1914; Diploma, Presbyterian Hospital School for Nurses, Chicago, 1922; M.A., Teachers College, Columbia Univ., 1926; Director, Nursing Department, Palama Settlement.
2908 Pacific Heights Rd.

FRANK H. GAUDIN, M.D., Lecturer in Child Hygiene, (1932)
M.D., Univ. Toronto, 1927; Hospital for Sick Children, Toronto, 1928-1930.
2521 Manoa Rd.

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B.A., Marietta College, 1889; M.A., Marietta College, 1897.
961 Alewa Dr.

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Ph.B., Yale Univ., 1904; C.E., Yale Univ., 1906.
1836 Punahou St.

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B.S., Univ. Minnesota, 1900; M.S., Univ. Minnesota, 1901; Ph.D., Univ. Minnesota, 1903; investigation of cane diseases in Java, Fiji, Australia, Malay States, and the Philippines, 1910-1911; investigation of forestry and cane diseases, Southern United States, Cuba, Jamaica, Panama, and Costa Rica, 1919-1920; on forestry problems in South and Central America, 1927-1928; investigation of forestry and cane breeding in India, Java, Malay States, 1930-1931; Director, Experiment Station, H.S.P.A. 1328 Matlock Ave.

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Experiment Station, Univ. California, 1931; Research Fellow, Graduate
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Genetics, Univ. California, 1924-1930; Geneticist, Experiment Station,
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search Fellow, Michigan State College, 1929-1931; Assistant Professor
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B.S., Iowa State College, 1919.
Lihue, Kauai
Lihue, Kauai

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

ELSIE HAYASHI, B.S., Assistant County Extension Agent, East Hawaii
B.S., Univ. Hawaii, 1934.
111 Ululani St., Hilo, Hawaii
Fed. Bldg., Hilo, Hawaii

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

KIYO ARITA NAKATANI, B.S., County Extension Agent, West Hawaii
B.S., Univ. Hawaii, 1931.
Captain Cook, Hawaii
Kealakekua, Hawaii
Agricultural Experiment Station

MOTO MACHIDA OKAWA, B.S., Assistant County Extension Agent, Maui County
B.S., Univ. Hawaii, 1932.
Wailuku, Maui

HEDWIG S. OTREMBA, B.S., County Agent at Large
B.S., Teachers College, Columbia Univ., 1928; Graduate Study, Columbia Univ.
2659 Oahu Ave.
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ALICE E. PEDERSEN, B.S., Home Demonstration and 4-H Club Specialist
B.S., Utah State College, 1924.
1030 S. King St.

KATHRYN SHELLHORN, M.A., County Extension Agent, East Hawaii County
410-B Ponahawai, Hilo

HONG LIN WONG, B.S., Assistant County Agent, Kauai
B.S., Univ. Hawaii, 1934.
Lihue, Kauai

ADMINISTRATION:

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B.S., Univ. Wisconsin, 1922; M.S., Univ. Wisconsin, 1923; Ph.D., Univ. Wisconsin, 1924.
2226 Hyde St.

HUNG K. HEE, Principal Clerk
Expt. Sta. Reservation, Tantalus Rd.

ANNE RANDOLPH, Clerk-Stenographer
268 Beach Walk

LUCILE SHEPHARD, Stenographer
Beach Walk Inn

GERTRUDE M. XAVIER, Junior Stenographer
Expt. Sta. Reservation, Tantalus Rd.

DAI YOU CHANG, Clerk-Typist
1315 Moi Way

AH SIN CHAR, Junior Stenographer
1158 Lunalilo St.

GRACE H. GOO, Junior Stenographer
89 N. Kukui St.

ALYCE CHANG-TUNG CHAR, Junior Typist
2378 Makanani Dr.

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810 Birch St.

* Also member of instructional staff.
AGRONOMY:

*C. P. WILSIE, Ph.D., Agronomist
B.S., Univ. Wisconsin, 1926; Ph.D., Michigan State College, 1931.
2441 Sonoma Dr. Agric. Bldg. 104

*J. M. WESTGATE, M.S., Consultant in Tropical Agriculture
B.S., Kansas Agricultural College, 1897; M.S., Kansas Agricultural College, 1899; Graduate Study, Univ. Chicago, 1901-1903.
Expt. Sta. Reservation, Tantalus Rd. Agric. Bldg. 103

LEO D. WHITNEY, B.S., Assistant Agronomist
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1821 Keeaumoku St.

FRANCIS A. I. BOWERS, B.S., Principal Agricultural Aide
B.S., Univ. Hawaii, 1924.
2048 Nuuanu Ave.

MAKOTO TAKAHASHI, B.S., Assistant in Agronomy
B.S., Univ. Hawaii, 1928.
1326 Eighth Ave.

ERNEST K. AKAHIME, B.S., Assistant in Agriculture
B.S., Univ. Hawaii, 1935.
2209 Kamehameha IV Rd.

FRANK MERCADO, Field Superintendent

HUNG FAT CHOY, B.A., Minor Scientific Helper
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150 Pauahi St.

ANIMAL HUSBANDRY:

†LOUIS A. HENKE, M.S., Animal Husbandman
B.S., Univ. Wisconsin, 1912; M.S., Univ. Wisconsin, 1923; Graduate Study, Univ. Wisconsin, 1929-1930.
2657 Terrace Dr. Agric. Bldg. 101

SAMUEL H. WORK, Ph.D., Associate Animal Husbandman
B.S., Ohio State Univ., 1925; Ph.D., Cornell Univ., 1934.
2609 Doris Pl. Agric. Bldg. 100

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1310 Matlock Ave.

P. K. YAP, B.S., Farm Superintendent
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University Farm Univ. Dairy

BACTERIOLOGY, PATHOLOGY AND HISTOLOGY:

*OSCAR NELSON ALLEN, Ph.D., Collaborator in Bacteriology
B.A., Univ. Texas, 1927; M.S., Univ. Texas, 1927; Ph.D., Univ. Wisconsin, 1930.
2211 Mohala Way Dean Hall 203

GEORGE K. PARRIS, Ph.D., Plant Pathologist
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Agricultural Experiment Station

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B.A., Fairmount College, Kansas, 1913; Graduate Study, Univ. Nebraska,

*H. A. WADSWORTH, B.S., Irrigation Engineer and Soil Physicist
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*LEONORA NEUFFER BILGER, Ph.D., Collaborator in Chemical Research
A.B., Univ. Cincinnati, 1913; M.A., Univ. Cincinnati, 1914; Sarah Berliner Fellowship of A.A.U.W. Chemical Research, Cambridge Univ.,
2328 Seaview Ave.

*EARL M. BILGER, Ph.D., Collaborator in Chemistry
B.S., Wesleyan Univ., 1920; M.A., Wesleyan Univ., 1921; Ph.D., Yale
Univ., 1925; Graduate Study, Univ. Cincinnati, 1928-1929; Graduate Study, Cambridge Univ.,

*JOHN H. PAYNE, Ph.D., Associate Chemist
B.S., Butler Univ., 1927; M.A., Univ. Cincinnati, 1928; Ph.D., Univ.
Cincinnati, 1930; Research Fellow Univ. Munich, Germany, 1930-1931.
1946-A Vancouver Dr.

GASTON J. LEY, Ch.E., Chemical Engineer
B.A., Standford Univ., 1916; Ch.E., Stanford Univ., 1917; Graduate Study, Stanford Univ., 1918.
2210 Manukai St.

DORSEY W. EDWARDS, B.S., Junior Chemist
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B.S., Univ. Hawaii, 1935. 2757 Puuhonua St.

ROBERT R. THOMPSON, B.S., Scientific Aide
B.S., Univ. Hawaii, 1933. Kailua, Oahu

* Also member of instructional staff.
FOODS AND NUTRITION:

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

NILS P. LARSEN, M.D., Collaborator
B.S., Massachusetts State College; M.D., Cornell Univ., 1915.
Kaalawai Queen's Hospital

CHARLES L. WILBAR, JR., M.D., Senior Medical Officer
Ewa, Oahu Ewa Health Center

MARTHA POTGIETER, Ph.D., Associate Chemist
B.A., State Univ. Iowa, 1929; M.S., State Univ. Iowa, 1930; Ph.D., Columbia Univ., 1933.

ALICE MARY MACFARLANE, Hospital Dietitian
1807 Beretania St.

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2326 Metcalf St. Nutrition Lab.

TOYO TAKASE, B.S., Minor Scientific Helper
B.S., Univ. Hawaii, 1935.
2451 Pauoa Rd. Nutrition Lab.

KISACK HAIDA, Laboratory Assistant
1314 Fifteenth Ave.

GERTRUDE KUBA, Laboratory Assistant
2336 Pauoa Rd. Nutrition Lab.

HORTICULTURE:

JOHN HERBERT BEAUMONT, Ph.D., Principal Horticulturist
B.S., West Virginia Univ., 1917; Ph.D., Univ. Minnesota, 1925; Special Research, Univ. Chicago, 1920, Cornell Univ., 1921-1922.
2056 Mohala Way Pensacola St. Sta.

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Waimanalo, Oahu Pensacola St. Sta.

RALPH H. MOLTZAU, Principal Scientific Aide
2056 Mohala Way Pensacola St. Sta.

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Pensacola St. Sta.

MARKETING:

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2563 Malama Pl. Agric. Bldg. 5

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1053 Sixteenth Ave. Agric. Bldg. 5

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† Also with Agricultural Extension Service.
Agricultural Experiment Station

FUYUKI OKUMURA, B.A., Marketing Assistant
B.A., Yale. 1923.
Wahiawa, Oahu

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Kealakekua, Hawaii

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2464 Waolani Ave.

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c/o County Agent, Hilo, Hawaii

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PARASITOLOGY AND ZOOLOGY:

JOSEPH E. ALICATA, Ph.D., Parasitologist
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133 Liliuokalani St.

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3330 Pahoa Ave.

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927 Vineyard St.

POULTRY:

† *C. M. BICE, B.S., Poultry Husbandman
B.S., Univ. Wisconsin, 1927.
1616 Kewalo St.
Poultry Farm

FRANK BOTELHO, Foreman, Poultry Farm
Poultry Farm, Univ. Hawaii

SUBSTATIONS:

R. K. PAHAU, B.S., Superintendent, Kona Substation
B.S., Univ. Hawaii, 1918.
Keahou, North Kona, Hawaii

* Also member of instructional staff.
† Also with Agricultural Extension Service.
EXPERIMENT STATION
Pineapple Producers' Cooperative Association†

ADMINISTRATION:
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A.B., Univ. Minnesota, 1914; A.M., Univ. Minnesota, 1915; Ph.D.,
Cornell Univ., 1917.
2447 Parker Pl.

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OLIVE S. CUNNINGHAM, Secretary to the Director
Villa Hotel

CLAIRE B. DAL VE, Secretary to the Business Manager
MacDonald Hotel

EMMA WILSON, Librarian
3807 Maunaloa Ave.

AUDREY HOOPER, Stenographer
Beach Walk Inn

BEATRICE M. HOUGHTAILING, Stenographer
1094 S. King St.

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2401 Kalakaua Ave.

ROBERTA IRVING, B.A., Stenographer
2003 Metcalf St.

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3306 Gazette St.

HERBERT MARCIEL, Clerk
University Farm

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

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

ENTOMOLOGY:
WALTER CARTER, Ph.D., Entomologist
B.S., Univ. Montana, 1923; M.S., Univ. Minnesota, 1924; Ph.D., Univ.
Minnesota, 1928.
3234 Woodlawn Dr.

KIYOSHI ITO, B.S., Assistant Entomologist
B.S., Univ. Hawaii, 1929.
3320 Kaimuki Ave.

† The financial support of this station is independent of the University.
KAY SAKIMURA, Assistant Entomologist
Yamaguchi School, Japan.
2510 S. Beretania St.  Main Lab.

GENETICS:

JULIUS L. COLLINS, Ph.D., Geneticist
B.S., Univ. California, 1918; Ph.D., Univ. California, 1923.
1920 Hunnewell St.  Main Lab.

KENNETH KERNS, M.S., Assistant Geneticist
B.S., Univ. Hawaii, 1926; M.S., Univ. Hawaii, 1931; Graduate Study,
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PATHOLOGY:

MAURICE B. LINFORD, Ph.D., Pathologist
B.S., Utah Agricultural College, 1922; M.A., Utah Agricultural Col­
lege, 1924; Ph.D., Univ. Wisconsin, 1927.
2324 Kaala Ave.  Path. Bldg.

CARL H. SPIEGELBERG, M.S., Assistant Pathologist
B.S., Washington State College, 1924; M.S., Washington State College,
1925; Graduate Study, Univ. Maryland, 1926-1927.
Experiment Station  Path. Bldg.

JULIETTE M. OLIVEIRA, M.S., Assistant Nematologist
Lanikai  Path. Bldg.

MARION C. OKIMOTO, B.S., Scientific Aide
B.S., Univ. Hawaii, 1934.
3480 Waialae Ave.  Path. Bldg.

FRANCIS T. C. YAP, B.S., Scientific Aide
B.S., Univ. Hawaii, 1934.
3465 Waialae Ave.  Path. Bldg.

PHYSIOLOGY AND SOILS:

GORDON T. NIGHTINGALE, Ph.D., Physiologist
B.S., Univ. New Hampshire, 1919; M.S., Univ. West Virginia, 1921;
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4066 Black Point Rd.  Main Lab.

CHRISTOS PLUTARCH SIDERIS, Ph.D., Physiologist
B.C., Samos Lyceum, Greece, 1909; B.S., Univ. California, 1921; Ph.D.,
Univ. California, 1924.
2633 Pamo Rd.  Main Lab.

HAROLD E. CLARK, Ph.D., Associate Biochemist
B.S., Massachusetts Agric. College, 1928; M.S., Rutgers Univ., 1931;
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2129 Kamehameha Ave.  Main Lab.

CARL A. FARDEN, B.S., Assistant Chemist
B.S., Univ. Hawaii, 1925.
2306 Marques St.  Main Lab.

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B.S., Univ. Hawaii, 1926; M.S., Univ. Hawaii, 1930.
2437 Parker Fl.  Main Lab.

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B.S., Univ. Hawaii, 1931.
1060 Koko Head Ave.  Main Lab.

RICHARD K. TAM, M.S., Scientific Aide
B.A., Univ. Hawaii, 1933; M.S., Univ. Hawaii, 1934.
1037 Seventh Ave.  Main Lab.

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THE UNIVERSITY OF HAWAII

The University of Hawaii was established by act of the Territorial Legislature in 1907. It is a land-grant university, and bears the same relation to the Territory that the several state universities bear to their respective states. It draws about one-half of its financial support from Territorial appropriations. Although the University has 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 benefits by the Second Morrill Act of 1890. It is open to all who are qualified, regardless of sex, color, or nationality.

The University of Hawaii is fully accredited by the Association of American Universities. Students may transfer to other American and European universities on the same basis as may students of the foremost American universities. Students may also transfer to the leading Oriental universities.

HISTORY

Since the University began to function as the College of Hawaii in 1908, its growth has been constant in number of students, in the scope of its non-academic service, and in the public esteem. Instruction began with two instructors and five students in a temporary location on the grounds of the present Lincoln School.

After a few years the institution was moved to its present site in Manoa Valley. With the addition of a College of Arts and Sciences in 1920, the name of the institution was changed to the University of Hawaii. In 1931 the Graduate School of Tropical Agriculture was organized, and during the same year the Teachers College was added as a result of the consolidation of the Territorial Normal School with the University School of Education. The Territorial Normal and Training School was founded in 1896. During the major part of its existence, it was located at the intersection of Emerson, Lunalilo and Quarry streets. In 1930 the school was moved to two new buildings adjoining the campus of the University. The property of the Territorial Normal and Training School was placed under the control of the Board of Regents of the University when the two institutions were affiliated in 1931.

ORGANIZATION

The University comprises a College of Applied Science, a College of Arts and Sciences, a Teachers College, a graduate division which includes the Graduate School of Tropical Agriculture, the Oriental Institute, and several departmental units. The University Adult Education Division conducts courses carrying University credit in towns of the Territory other than Honolulu and a few non-credit courses on the University campus. The academic years is divided into two semesters of eighteen weeks each, with a Summer Session of six weeks.

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.
Cooperating Institutions

under the management of the University. It makes examinations of persons at the request of the courts, industrial schools, the Board of Health, the Department of Public Instruction and other public institutions and organizations, and, under proper regulation, at the request of private institutions and organizations, parents or guardians. In addition the clinic is conducting investigations in the field of psychology.

The Cooperative Extension Service in Agriculture and Home Economics is conducted jointly by the University and the U. S. Department of Agriculture, receiving federal aid on the same basis as the extension services of 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 the 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 Hawaiian Sugar Planters' Association and the Pineapple Producers Cooperative Association.

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 Pineapple Producers Cooperative Association 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 at the University in buildings erected by the Association.

Seismological Observatory. The U. S. Coast and Geodetic Survey is operating the seismological observatory in Cartley Hall under a special agreement with the University whereby the results and observations are made of service to this Territory.

The Kilauea Laboratory of volcanology, conducted in cooperation with the National Park Service and the Hawaii Volcano Research Association, offers attractive research possibilities in the summer period.

COOPERATING INSTITUTIONS

To add to the research facilities which it offers students and to expand its services to the Territory, the University has made cooperative agreements 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 of Pacific Relations, which affords excellent facilities for the study of international affairs, occupies a portion of the University library.

Honolulu Academy of Arts. This institution, built and endowed by Mrs. C. M. Cooke, has made its fine collections of art objects available to the students and instructors of the University for their educational advancement.

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 part of their program of study. Several members of the station staff take part in the instructional work of the University.

CAMPUS AND BUILDINGS

The campus, which occupies an area of almost 300 acres, is located in beautiful Manoa Valley, about three miles from the business center of Honolulu. The principal buildings on the campus are Hawaii Hall, Gartley Hall, Dean Hall, the Library, the Teachers College, Farrington Hall, the Engineering Quadrangle, the Gymnasium, and the Agricultural Building. All except the last four are three-story structures and all except the Gymnasium are built of reinforced concrete.

Hawaii Hall is the administration building. The biological science departments are housed in Dean Hall and the chemistry and physics departments are located in Gartley Hall. Farrington Hall is used as an auditorium and is well equipped for dramatic work. The engineering laboratories and classrooms are located in the five one-story concrete buildings which compose the Engineering Quadrangle.

The Library, which contains approximately 350,000 titles, is a depository for government publications. Extensive collections of Chinese and Japanese works, catalogued in English, and a growing collection of valuable books and periodicals about Hawaii are among its features. Its collections of local and mainland newspapers, and literary, technical, and scientific periodicals are available throughout the day and evening. All persons complying with the library regulations may draw books.

Residence accommodations on or near the campus include the Charles H. Atherton House for men and a dormitory for women students. Meals are served at Atherton House and the University cafeteria.

A swimming tank, tennis courts, locker buildings, and a cinder track are grouped near Cooke Field, which is used for football, track and baseball practice and military drill. The Associated Students of the University own an interest in the Honolulu Stadium, situated one mile from the campus. A baseball diamond, drill field, and a large amphitheatre were recently completed.

Other buildings connected with the University include the R. O. T. C. Building, Hawaii Hall Annex, which houses the Psychological Clinic and the offices of the English department, the Nutrition Laboratory, the entomology Building, the Student Union Building, the Marine Biological Laboratory at famous Waikiki Beach, and the astronomical observatory in Kaimuki. A part of the campus is occupied by an experimental farm, which is devoted to solving many of the problems of Hawaii's dairymen, poultrymen and live stock raisers, and which provides excellent instructional facilities for students of agriculture.

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

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 classi-
Admission

Admission to Freshman Standing

Every applicant for admission to the University as a freshman must take the college aptitude examination and must submit evidence of proper preparatory training by offering in one of the ways mentioned below, or by 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 three-year senior high school), this work to be selected as described below. These subjects must include 3 units of English and 1 unit of algebra. (This latter requirement may be satisfied by the 9th grade General Mathematics of the Intermediate Schools.) Every applicant must, in addition, satisfy all entrance requirements of the college in which he expects to take his work. (Page 51, 55, 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, in which case they may not be admitted. Applicants whose high school averages are "C" but who make scores above average in the college aptitude 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 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 no case will more than 2 units nor less than ½ 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

* Credit in entrance for languages will not be granted unless at least 2 units in some one language are offered.
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 trigonometry in addition to the above, 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 transferring with 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 meet fully the entrance requirements for regular Freshman standing, but desire to carry only a limited program of courses not leading toward a Bachelor's degree.

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

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

ADMISSION OF 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 pages 44-46, 69.
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.

Further registration is denied students who fail: (a) to pass in any year (or when withdrawing from the University during a semester to be passing in) 50% of their registered credits, (b) to be earned after two semesters' attendance 1.5 times as many grade points as total registered credits, (c) to have earned after four semesters' attendance 1.8 times as many grade points as total registered credits.

Students entering as undergraduates with advanced standing will not be given grade points upon work done elsewhere; but on work done here must gain grade points in the same proportion to credit hours required for graduation as is demanded of other students.

No student with entrance conditions will be 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.

Permission to enter the Junior year as a candidate for the Bachelor's degree is dependent not only upon academic standing but also upon proficiency in oral and written English.

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.

INDEPENDENT STUDY AND SPECIAL HONORS

Students who have completed two years of university work and have shown exceptional ability in certain fields of study may be permitted to carry on independent study in such fields, if they secure the approval of the heads of the departments concerned and the Committee on Honors Courses. Students who fulfill these requirements may be excused from the usual attendance requirements in all courses given by the departments with which they are carrying on such independent work. Students successfully completing independent study programs may expect to receive at graduation the recognition of Special Honors. Before making application for permission to do independent study, students should consult Dean A. L. Andrews, the chairman of the committee.

MILITARY TRAINING

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 Freshman and Soph-
omore years of all physically fit male students who are citizens of the United States, but is optional in the Junior and Senior years. A senior unit of the Reserve Officers' Training Corps is located at the University, and this advanced instruction leads to a reserved commission in the United States Army.

**PHYSICAL EDUCATION**

All first and second year students under 25 years of age who are carrying 10 or more credits are required to take physical education.

A medical and physical examination must be taken by all students upon entrance. This examination is made by an authorized physician under the direction of the Physical Education Department of the University.

**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 earned a minimum of 30 semester hours in residence, and in addition have either (a) been in full attendance at the University 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) earned a minimum total of 24 residence credits during any four of five consecutive summer sessions just preceding the granting of the degree, or (c) earned a minimum total of 24 residence credits by carrying not less than 2 semester hours per semester and 6 semester hours per summer session in any three of four consecutive years 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 registered in the University prior to 1932 or previously registered in the Territorial Normal School may have the following privilege:

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

(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 takes 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
Degrees

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, 150, 151, 152, 153.</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: History, Language, Economics..</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

SUBJECTS STRONGLY URGED SEMESTER HOURS
A modern foreign language................................. 6 to 12
Advanced botany or advanced zoology.......................... 3 to 6
Psychology .................................................................. 3 to 6
Advanced mathematics, including trigonometry............... 3 to 6

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.

SUMMER SESSION

The Summer Session of the University is attracting widespread interest and increasing numbers of students. Designed primarily for the benefit of those who cannot attend the University during the Winter and Spring semesters, it has attracted large numbers of students from outside the Territory because of its unique features and the unusual distinction of its faculty, which is drawn from the leading universities on both sides of the Pacific Ocean.

The School of Pacific and Oriental Affairs is a special feature of the Summer Session and provides opportunities for graduate and undergraduate instruction and research in the economic, political, cultural and social relations of the various nations bordering the Pacific, as well as in the history, geography, anthropology, racial psychology, and religions of that region.

Summer Session students, both graduate and undergraduate, pay a fee of $5.00 per credit hour.

The schedule of classes permits the average student in the summer session to gain 6 credits, taking three 2-credit courses. The instructional work is kept on a par with that of the longer sessions and credits given in 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 that 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 1936 Summer Session, June 29 to August 7, will be sent upon request.

THE ADULT EDUCATION DIVISION

The University Adult Education 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) educational film service; (4) play loan service; (5) 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 fulfilling the residence requirement.

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

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, oriental studies, anthropology, sociology, history, international relations, education and psychology, chemistry, physical 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 related institutions.

Graduate study in all fields is conducted in one informally organized functional division of the University, under the direction of a faculty committee, the chairman of which functions as 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 Pineapple Producers Cooperative Association, 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 from accredited institutions may engage in graduate study in certain fields looking toward the degree of Master of Arts, of Master
Degrees

of Science, or of Master of Education, provided the undergraduate work done is essentially the equivalent of that required for the corresponding baccalaureate degree. Admission to graduate study does not imply admission to candidacy for an advanced degree.

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 degrees 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 30 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 Director of the Graduate Division 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.

Applications for admission to graduate study must be made to the Director not later than October 1 for the first semester, or February 24 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 additional undergraduate courses.

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

The student's advanced work is restricted to a major subject and to closely related courses in other fields. A reading knowledge of a foreign language may be required of a candidate for a Master's degree at the discretion of the Committee in charge of his work.

The graduate student is at first under the direction of an adviser and is later supervised by a special committee appointed by the Director of Graduate Studies. The student who desires to earn a Master's degree will be registered simply as a graduate student until the head of the department in which he desires to take the major portion of his work has an opportunity to determine whether the student's undergraduate preparation is satisfactory and a probable ability to successfully pursue graduate work indicated. The question of admission to candidacy is determined as soon after the first registration of the graduate student as is practicable. Failure to attend the qualifying conference or take a qualifying examination if required by the department head will prevent further registration.

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 × 11 inches in size, bearing the written approval
of the chairman of the committee in charge of the candidacy, must be deposited in the Library as the permanent property of the University, together with a fee sufficient to pay for binding both copies.

The examination for the degree will be conducted by the committee in charge of the candidate's work, and may be either written or oral, or both. It shall be open to all members of the faculty. Arrangements for this examination must be made with the Director not later than May 1. 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.

A Graduate Announcement giving more detailed information concerning advanced work may be obtained from the Division of Publications.

CIVIL ENGINEER DEGREE

The degree of Civil Engineer (C.E.) will be granted to Bachelor's 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 Bachelor's of Science in Sugar Technology from this institution and to other Bachelor's 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 FEES

All regular students, both undergraduate and graduate, pay a tuition fee of $100.00 an academic year, or $50.00 a semester. Part-time students, including specials, auditors, Summer Session, and extension students, taking a program of less than 10 credit hours, pay a tuition fee of $5.00 a credit hour.

In addition to the tuition fee, a registration fee of $10.00 a semester is charged all regular students carrying 10 or more credit hours. No refunds will be made after the two weeks' interval following the announced registration days. During this period, changes of schedule or withdrawal may be made without penalty or forfeiture. Late registrants will be charged a fee of $1.00.

Laboratory and special course fees are indicated in the description of courses. Students may be billed for excessive breakage of equipment at the discretion of the instructor.

All students are required to pay a diploma fee of $5.00 at the time of graduation. A fee of one dollar is charged for each copy of transcript of record after the first such copy has been issued.
All graduate students pay a fee of $5.00 before the award of the advanced degree, to cover the cost of binding two copies of the thesis. Hoods for the graduation ceremony may be borrowed from or purchased through the University business office.

The use of steel book lockers may be secured from the business office by making a deposit of $1.00, fifty 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.

LIVING EXPENSES

The rates for board and room in Atherton House range from $40.00 to $55.00 a month. The rate for rooms in the Women's Dormitory together with the evening meal (except Sundays) is $25.00 per month, payable in advance. Breakfasts and lunches are not included in this rate but may be had at the University Cafeteria at a very reasonable rate. A number of student boarding houses are listed in the office of the Dean of Women.

It is estimated that the total expense to an average student is from $500.00 to $600.00 per year, including board and room, tuition and fees, books, and club organization dues, but not including clothes, laundry, and pocket money.

STUDENT ACTIVITIES

The Associated Students of the University of Hawaii is a self-governing organization in which all regular undergraduate students of the University are members. Its policies are determined by an elective student council.

This organization controls numerous activities, among which the most important are football, basketball, track, baseball, swimming, and minor sports, debating, dramatics, a semi-weekly newspaper, and a year book. The University athletic and debating teams hold intercollegiate contests with teams from Pacific Coast and Oriental universities. The University of Hawaii Theatre Guild is a unique organization, numbering among its members persons of a dozen nationalities, which annually presents a Caucasian, Japanese, Chinese and Hawaiian drama, each with the proper racial cast.

In addition, there are a large number of scholastic, honorary, professional, and social organizations, which are designed to promote student welfare.

STUDENT AID

The Committee on Student Aid handles all matters pertaining to scholarships, student loan funds, and part-time employment for both men and women. A list of rooms and approved residences for both men and women is kept in the committee headquarters, Room 212, Hawaii Hall.

SCHOLARSHIPS, LOANS AND PRIZES

The University offers financial aid in the forms of scholarships and loans. Some scholarships are available only to persons named by the donors, but most of them are awarded by the committee on Student Aid. Unless otherwise specified, all scholarships are awarded annually. Several loan funds afford financial aid to students on generous terms. Prizes are awarded annually for achievement in special fields.
Applicants for scholarships should be addressed to the President of the University in May each year. Loans may be applied for through the committee on Student Aid at any time during the year.

**SCHOLARSHIPS**

**Associated Women Students**—Two scholarships of $50 each are awarded to regular woman students above Freshman standing.

**Chinese Community**—A fund of about $3,000 has been given to the University of Hawaii to endow scholarships for Juniors and Seniors of Chinese ancestry.

**Chinese Women's Club**—A scholarship of $50 is awarded to a deserving and needy Chinese woman student above Freshman standing.

**Daughters of American Revolution**—Aloha Chapter, D.A.R., offers two scholarships of $100 each to women students connected with a D.A.R. Chapter. These scholarships are known as the N.S.D.A.R. Scholarship and the Charlotte D. I. Steere D.A.R. Scholarship.

**Hyung Jay Club**—A scholarship of $60 is awarded to a woman student of Korean ancestry and of Junior or Senior standing. Preference is given to women who are interested in the work of the Hyung Jay Club of the Y. W. C. A.

**Ke Anuenue**—The sum of $50 is awarded to an Hawaiian girl above Freshman standing.

**Leora Parmelee Dean**—The sum of $100 is awarded by the Woman's Campus Club of the University to deserving and needy young women. Application for this scholarship should be addressed to the Chairman of the Scholarship Committee of the Campus Club.

**Mary Dillingham Frear**—A scholarship of $150 is awarded to a meritorious and needy upperclass student.

**Maui Hawaiian Woman's Club**—A scholarship of $100 is awarded to a graduate of a Maui high school.

**Maui Woman's Club**—A scholarship of $100 is awarded by the Maui Woman's Club to a graduate of a Maui high school.

**Phi Beta Kappa Recognition Fund**—Phi Beta Kappa Association of Hawaii maintains a fund for the recognition of high scholastic standing among students.

**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 pay fully their educational expenses.

**Ruth D. Scudder**—A scholarship is awarded to a deserving woman student from a Memorial fund maintained by the Woman's Society of Central Union Church.

**Stephen Spaulding**—The income of an endowment of $2,500, given by Florence Tucker Spaulding in memory of her son, Stephen Spaulding, ex-1927, is awarded as a scholarship to a male student.
Wakaba Kai—Two scholarships of $50 each are awarded to Japanese girls above Freshman standing.

Yang Chung Hui—The sum of $50 is awarded to a Chinese girl above Freshman standing.

**LOAN FUNDS**

The **Alumni Student Aid Fund** may be used by needy students maintaining good scholastic records.

The **American Association of University Women of Honolulu** offers loan fund aid to needy women students.

The **Associated Women Students Fund** provides small loans to women students for short periods of time.

The **Chinese Students’ Alliance of Honolulu** provides $300 annually for loans to Chinese students who are members of the C. S. A.

The **Chinese Women's University Club** and the Chinese Women's Club maintain a loan fund for Chinese women students.

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

The **Dollar Fund** provides small loans for short periods of time.

The **Future Farmers of America, Uniwai Chapter**, offers loans to students enrolled in vocational agricultural classes.

The **George H. Lamy Fund** is open to students in engineering.

The **Hawaii Chinese Civic Association** provides loans to upper-class students of Chinese ancestry.

The **Hawaiian Japanese Civic Association** offers loans to worthy Seniors of Japanese ancestry.

The **Hawaiian University Association** offers loans to students of Hawaiian ancestry.

The **Helen Strong Carter Fund** is open to students needing dental treatment.

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

The **Japanese Students’ Alliance** provides loans for students of Japanese ancestry, preference being given to members of the Alliance.

The **Maui Woman's Club Fund** is open to University students who have graduated from Maui high schools.

The **McKinley Scholarship Fund** may be used by University students who have attended McKinley High School.

The **Moir-Ross Health Endowment** offers loans to students needing the services of a physician.

The **N. G. B. Fund**, the gift of Mr. Guy Buttolph, is available to any needy and worthy student.
The P. E. O. Sisterhood offers a loan scholarship of $100 to an upper-class woman student.

The Representatives Club Fund is available to students selected on the basis of need, scholastic standing, and interest in athletics.

The Rotary Club Fund is available to needy students of Junior or Senior standing.

The Senior Fund is available to Seniors of any college.

The Student Fund of Teachers College may be used by students enrolled in Teachers College.

The Te' Chih Sheh Fund provides loans for members of Te Chih Sheh.

PRIZES

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

Banks Memorial Prize—The Charles Eugene Banks Memorial Prize is awarded yearly to the student who shows the most ability in creative writing.
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 38, 39 and 40 should be offered, 3 of which must be in English and one in algebra. (This latter requirement may be satisfied by the 9th grade General Mathematics of the Intermediate 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 42).
(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 any one of the following: French 101, Spanish 101, German 101, Oriental Studies 200, 200-B, or 202, Hawaiian 200, or an equivalent. If advanced credit covering any of the above is presented at the time of admission to the University from any source other than another accredited college or university, an additional year's work over and above that presented is required to be done at the University of Hawaii in fulfillment of the foreign language requirement. 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. No student in the College of Arts and Sciences shall be permitted to register for more than 16 credit hours in any semester, exclusive of the prescribed courses in Military Science and Physical Education, unless he has earned a minimum of 45 grade points in the preceding semester, in which case he may register for an additional two hours. However, in no case shall the total number of hours carried, including Military Science and Physical Education, exceed 19 credit hours.

Although the greater part of the work is elective, the student is expected to select his studies in conformance with a well-defined program.

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*For an explanation of grade points see page 41.
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><strong>FIRST YEAR</strong></th>
<th><strong>SECOND YEAR</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Semester Credits</td>
</tr>
<tr>
<td>English 100 or 102</td>
<td>3</td>
</tr>
<tr>
<td>Science*</td>
<td>3 or 4</td>
</tr>
<tr>
<td>Pol. Sc. 150, 151</td>
<td>3</td>
</tr>
<tr>
<td>Modern Language</td>
<td>3</td>
</tr>
<tr>
<td>Mil. Sc.</td>
<td>1</td>
</tr>
<tr>
<td>Phys. Ed.</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>17-18</strong></td>
<td></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 in History, Political Science, Sociology, Economics, Geography, Philosophy, Psychology, Police Administration, Oriental Studies, and Anthropology listed as follows:

First and Second Years:
- Economics 150, 151
- Geography 150, 151
- History 100
- Philosophy 150, 151
- Police Administration 155
- Political Science 170, 171
- Psychology 150
- Sociology 150, 151

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

† Unless met by end of Freshman year.
Third and Fourth Years:
- Anthropology 200, 201, 250, 251, 252, 253, 254, 265, 270
- Geography 200, 252, 255, 262, 263, 271
- History 204, 225, 226, 228, 229, 242, 243, 244, 252, 253, 276, 277
- Oriental Studies 241, 254, 255, 291
- Philosophy 252, 253, 270, 271, 280, 289
- Police Administration 257
- Political Science 200, 256, 258, 268, 271
- Psychology 252, 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, Oriental Languages and Literature, and Art; Economics 223; History 100; Political Science 170, 200; Psychology 252; Sociology 150, 151; Oriental Studies 254, 255; and Philosophy 150-151, 252, 253.

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 42.
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 43.

First and Second Years:
- Chemistry 101, 102, 150, 152, 153, 161
- Botany 101, 102, 106, 151, 155, 156, 158, 160, 161, 162
- Zoology 150, 151, 160, 161, 170, 172, 173, 174, 175, 180, 181
- Mathematics 104, 106, 149, 150, 151, 152, 153
- Physics 102, 150, 151, 153, 155, 157

Third and Fourth Years:
- Chemistry 211, 212, 213, 215, 216, 217, 230, 240, 260, 261, 262, 263, 318
- Botany 200, 210, 253, 254, 256, 258, 260, 263, 265, 267, 268, 269, 300, 301
- Zoology 210, 251, 253, 254, 255, 257, 260, 261, 262, 270, 291, 300
- Mathematics 250, 252, 253, 254, 255, 270, 271, 272, 273, 274, 275
- Physics 202, 250, 253, 255, 257, 261, 361
- Geology 252, 253, 255, 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, 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) International Economics and Trade, (d) Accounting, and (e) General 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
Business 150-151 or 152-153 (not required for General Economics Program).

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 256, 257, 261, 265, 281
English 201

MERCHANDISING

Art 274
Business 259, 260-261, 264, 270-271, 273, 276, 280
Economics 256, 257, 261, 270, 273, 288
English 201

INTERNATIONAL ECONOMICS AND TRADE

Business 260-261, 264, 270-271, 275
Economics 250, 256, 257, 265, 273, 285, 288
English 201
Geography 252, 255.

ACCOUNTING

Economics 256, 257, 296
English 201

GENERAL ECONOMICS

Business 255, 260-261, 291
English 201
Political Science and History (6 credit hours)
Sociology (3 credit hours)

PROGRAM FOR BUSINESS WOMEN

Art 274
Business 150-151 or 152-153, 259, 260-261, 264, 270-271, 273, 276, 280, 291
Economics 256, 257, 260, 281
Political Science and History (6 credit hours)
Sociology (3 credit hours)
COLLEGE OF APPLIED SCIENCE

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.

Admission. Candidates who wish to complete the engineering course in four years must present credentials showing they earned high school credits in algebra through quadratics, plane geometry and trigonometry. In addition, solid geometry is strongly advised but not required. In other courses in which college mathematics is a requirement 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 42.)

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.

The object sought in planning these courses is 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.

The special applications and modifications appertaining to particular crops and problems are studied later.

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

**REQUIRED COURSES**

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

**SECOND YEAR**
- Physics 102
- English 120 or 130
- Botany 151
- Military Science and Physical Education

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) livestock, or (c) he may specially prepare himself for further work in animal or plant and soil 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 Teachers College.

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

| Credits |
|-----------------|-----------------|
| General College courses | 60 |
| General Agricultural courses | 14 |
| Major Agricultural requirement | 16 |
| (Not including general courses) |
| Free electives—either agricultural courses in other than major branch or general electives | 46* |
| **Total requirement** | 136 |

For the student who contemplates going into research work or who plans to take graduate work in the field of animal or plant and soil science the following courses are strongly advised. Not all of them can be taken by any one student nor need they be taken in the year suggested except that the matter of prerequisites must be considered.

**SUGGESTED ELECTIVES**

**FIRST YEAR**
- Zoology 150 for (1) and (2)
- Zoology 151 for (1)

**THIRD YEAR**
- Zoology 262 for (1)
- Zoology 291 for (1)
- Botany 258 for (2)
- Botany 263 for (2)

*The number of free electives will decrease as the credits in the three groups above are increased.*
SECOND YEAR
Botany 163, 164 for (2)
Chemistry 150, 151, for (1)
and (2)
Chemistry 152 for (1) and (2)
Zoology 260, 261 for (1)

(1) SUGGESTED for Animal Science, (2) SUGGESTED for Plant and Soil Science

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.

A limited number of graduates in agriculture will be accepted by the P. P. C. A. Experiment Station. These graduates are accepted for a year's period of training and serve as assistants in the various departments of the Experiment Station. Application for such positions should be made directly to the Director of the Station.

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 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

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

THIRD YEAR
Civil Engineering 201, 252, 253, 255
Mechanical Engineering 252
Engineering Laboratory (X.E.) 253
Physics 250, 253
Economics 150, 151
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 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 two distinct branches; the growing of cane, and its manufacture into sugar. Inasmuch as it would be extremely difficult to acquire a thorough knowledge in both these branches in four years, the courses in Sugar Technology are offered in two 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.

During the summer vacation, between the third and fourth years, a minimum of four weeks’ work in one of the plantation factories, or in connection with the work of the Experiment Station of the Hawaiian Sugar Planters’ Association is required of students in both divisions. The student must submit, in duplicate, a written report 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 Agricultural Division serve as student assistants in the Experiment Station of the Hawaiian Sugar Planters’ Association. Careful notes must be kept of this work and a report in duplicate submitted at the end of the semester.
During the second semester of the fourth year, students in the Sugar Chemistry Division may take the same work as those in the Agricultural Division. Those who prefer to work in a sugar factory may serve as special apprentices in one of the plantation factories. During this apprenticeship, the student actually performs the duties required at the various stations in the mill and in the boiling house. In either case, a report, in duplicate, must be submitted at the end of the semester.

**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 154, 155, or Art 150, 151</td>
</tr>
<tr>
<td>Military Science</td>
<td>Military Science</td>
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<tr>
<td>Physical Education</td>
<td>Physical Education</td>
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<td></td>
<td></td>
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<tr>
<td><strong>SECOND YEAR</strong></td>
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<tr>
<td>English 120 or 130</td>
<td>English 120 or 130</td>
</tr>
<tr>
<td>Chemistry 150, 151</td>
<td>Chemistry 150, 161</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>
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<tr>
<td>Physical Education</td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>THIRD YEAR</strong></td>
<td></td>
</tr>
<tr>
<td>Agriculture 250, 251, 254, 256</td>
<td>Agriculture 250, 251</td>
</tr>
<tr>
<td>Sugar Technology 201, 253</td>
<td>Sugar Technology 201, 253</td>
</tr>
<tr>
<td></td>
<td>Chemistry 230</td>
</tr>
<tr>
<td></td>
<td>Agriculture 254, 256†</td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>FOURTH YEAR</strong></td>
<td></td>
</tr>
<tr>
<td>Agriculture 252</td>
<td>Agriculture 252</td>
</tr>
<tr>
<td>Sugar Technology 250, 252, 255</td>
<td>Sugar Technology 250, 252</td>
</tr>
<tr>
<td>Economics 150</td>
<td>Sugar Technology 255 or 257</td>
</tr>
<tr>
<td></td>
<td>Economics 150</td>
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</tbody>
</table>

A summer course (Sugar Technology 253) must be taken in the factory 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.

**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 offer 3½ units of mathematics for entrance will not be required to take mathematics 150, 151, but will ordinary be expected to elect mathematics, 152, 153.

† Suggested electives.
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 seniors years fulfill certain professional requirements in the Teachers College. Students who desire the Secondary Teaching Diploma must register in the Teachers College for fifth year 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>
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</thead>
<tbody>
<tr>
<td><strong>FIRST YEAR</strong></td>
<td></td>
</tr>
<tr>
<td>English 100 or 102</td>
<td>English 100 or 102</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, 111</td>
<td>Household Art 110, 111</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>
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<td></td>
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<tr>
<td><strong>SECOND YEAR</strong></td>
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</tr>
<tr>
<td>English 120 or 130</td>
<td>English 120 or 130</td>
</tr>
<tr>
<td>Household Art 114</td>
<td>Household Art 114</td>
</tr>
<tr>
<td>Household Science 102</td>
<td>Household Science 102</td>
</tr>
<tr>
<td>Chemistry 152</td>
<td>Art 154, 155</td>
</tr>
<tr>
<td>†Chemistry 150, 151</td>
<td>Economics 150, 151</td>
</tr>
<tr>
<td>Economics 150, 151</td>
<td>Electives 3 to 5 credits each semester</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Physical Education</td>
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<td></td>
<td></td>
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<tr>
<td><strong>THIRD YEAR</strong></td>
<td></td>
</tr>
<tr>
<td>Household Science 200</td>
<td>Art 250-251</td>
</tr>
<tr>
<td>Home Economics 250</td>
<td>Art 170-171</td>
</tr>
<tr>
<td>Chemistry 260, 262</td>
<td>Household Art 252, 253</td>
</tr>
<tr>
<td>Home Economics 252, 253</td>
<td>Home Economics 250</td>
</tr>
<tr>
<td>Zoology 291</td>
<td>Home Economics 252, 253</td>
</tr>
<tr>
<td>Art 172, 175*</td>
<td>Household Science 271</td>
</tr>
<tr>
<td>Electives 6 to 9 credits each semester</td>
<td>Art 172, 175*</td>
</tr>
<tr>
<td>†Sociology 150</td>
<td>Electives 6 to 9 credits each semester</td>
</tr>
<tr>
<td>†Chemistry 263</td>
<td>†Sociology 150</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FOURTH YEAR</strong></td>
<td></td>
</tr>
<tr>
<td>Household Science 251</td>
<td>Art 276, 277</td>
</tr>
<tr>
<td>Household Science 249</td>
<td>Art 173</td>
</tr>
<tr>
<td>Home Economics 291</td>
<td>Home Economics 291</td>
</tr>
<tr>
<td>Electives 10 to 12 credits each semester</td>
<td>Electives 10 to 12 credits each semester</td>
</tr>
</tbody>
</table>

The total requirement of credits and grade points as stated on page 41 must be met. The student may elect any subject and offer credits so obtained in order to fulfill the free electives.

† Suggested electives.
* Either 3rd or 4th year.
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 some latitude in the selection of studies, but is required to carry the major part of his elective work in one group of sciences.

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

Before the end of his Freshman year, the student must file with the Dean a program, approved by the Dean, indicating the courses he intends to take during the remaining three years of his collegiate work. He must designate as his major subject one of the following: (1) Botany, (2) Zoology, (3) Chemistry, (see page 82), (4) Physics and Mathematics, (5) Pre-Medical. 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 he must earn at least 30 credit hours in his major subject, except in group (5) which requires at least 20 hours of Chemistry and 12 of Zoology.

Students who plan to specialize in Chemistry, Zoology, or Botany should have a working knowledge of German and French, since such knowledge 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 42). 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.

Since September, 1933, students have not been admitted to Queens' Hospital School for Nurses unless they have completed at least one year of college work which must include courses in English, Chemistry, Bacteriology, elementary Nutrition and Psychology. Students who plan to meet the entrance requirements for this School for Nurses, should register as regular students in the General Science course and elect the subjects required.

*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 6 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**

<table>
<thead>
<tr>
<th>1st Year</th>
<th>*2nd Year</th>
<th>3rd and 4th Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geog. 150, 151</td>
<td>Phys. 102, 150, 151</td>
<td>Geol. 252, 253, 256</td>
</tr>
<tr>
<td>Drawing</td>
<td>Chem. 150, 152, 153</td>
<td>M.D. 133</td>
</tr>
<tr>
<td>Language or Political Science</td>
<td>150 and 151</td>
<td>History 140</td>
</tr>
</tbody>
</table>

**GROUP B**

<table>
<thead>
<tr>
<th>1st Year</th>
<th>*2nd Year</th>
<th>3rd and 4th Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botany 101</td>
<td>Botany 102, 155, 156, 162, 163, 164</td>
<td>Bot. 151, 158, 200, 210, 253, 254, 258, 260, 263, 265, 267, 268, 269, 270, 271, 272, 300</td>
</tr>
<tr>
<td>Zoology 150, 151</td>
<td>Geology 150, 152, 153</td>
<td>Chemistry 252, 253, 256</td>
</tr>
<tr>
<td>Drawing</td>
<td>or</td>
<td>or</td>
</tr>
<tr>
<td>Language or Political Science 150 and 151</td>
<td>or</td>
<td>or</td>
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<tr>
<td>or</td>
<td>or</td>
<td>or</td>
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</tbody>
</table>

**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.
The Teachers College has a very definite function: 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 leading to the Ed.B. degree is four years in length. A fifth, post-graduate, year of work is provided for students preparing for either elementary or secondary school teaching. The Five Year Diploma is granted to the fifth year student completing 30 credit hours of work, including probationary teaching and other required courses.

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. The Teachers College offers, through the Adult Education Division of the University, and the Summer Session, courses designed especially to meet in-service needs.

ADMISSION
In addition to the general University requirements for admission, students entering the Teachers College must meet certain standards of health, personality, and oral English. 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 set forth on page 42 in addition to the following:
(1) A minimum of 130 semester hours of course work,
(2) A minimum of 264 grade points (see page 41), and
(3) Prescribed work in various studies in elementary or in secondary education as follows:

<table>
<thead>
<tr>
<th>Elementary Education</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participation and Practice Teaching</td>
<td></td>
</tr>
<tr>
<td>Other Education Courses</td>
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<tr>
<td>English</td>
<td>14</td>
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<tr>
<td>Social Science</td>
<td>13</td>
</tr>
<tr>
<td>Natural Science</td>
<td>10</td>
</tr>
<tr>
<td>Health and Physical Education</td>
<td>8</td>
</tr>
<tr>
<td>Military Science (men)</td>
<td>6</td>
</tr>
<tr>
<td>Art and Music</td>
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</table>
University of Hawaii

Secondary Education

Participation and Practice Teaching........................................ 10
Other Education Courses ...................................................... 32
English ................................................................. 12
Social Science .............................................................. 10
Natural Science .............................................................. 10
Health and Physical Education ............................................... 8
Military Science (men) ...................................................... 6

Teaching Fields:
(a) ............................................................................. 20
(b) ............................................................................. 20

BASIC COURSES*

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Sem. I</th>
<th>Sem. II</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 103</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Political Science 150</td>
<td>3</td>
<td></td>
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<td>Political Science 151</td>
<td></td>
<td>3</td>
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<tr>
<td>Biology 135</td>
<td>2</td>
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<td>1</td>
</tr>
<tr>
<td>Military Science (men)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education 135 (women)</td>
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<tr>
<th>Courses</th>
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<th>Sem. II</th>
</tr>
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<tbody>
<tr>
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<tr>
<td>Education 180</td>
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<td></td>
</tr>
<tr>
<td>Education 181</td>
<td></td>
<td>3</td>
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<td>Physical Education 102 or 103</td>
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<tr>
<td>Military Science (men)</td>
<td>2</td>
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</tr>
<tr>
<td>Music 152</td>
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<td>1</td>
</tr>
<tr>
<td>Arithmetic 150</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
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<td>3 or 5</td>
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<td><strong>Total</strong></td>
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</table>

At the end of the second year, a student elects to specialize in one of the following: Kindergarten-Primary, Elementary, or Secondary Education.

* For descriptions of all courses offered in Teachers College see pages 130-141.
### Kindergarten—Primary Curriculum

#### THIRD YEAR

<table>
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<tr>
<td>Education 280</td>
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<td>Education 282</td>
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<td>English 264</td>
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<td>English 270</td>
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<td>Geography 261</td>
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<td>Health Education 220</td>
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### Elementary Curriculum

#### THIRD YEAR

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<td>English 265</td>
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<td>English 271</td>
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<td>Geography 261</td>
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<td>Social Science 271</td>
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<td>Health Education 222 or 223</td>
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<tr>
<td>Music 250</td>
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<tr>
<td>Practical Arts 251</td>
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<td>...</td>
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<tr>
<td>Practical Arts 270</td>
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<td>Biology 236</td>
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<tr>
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<tr>
<td><strong>Total</strong></td>
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</table>

### Secondary Curriculum

#### THIRD YEAR

<table>
<thead>
<tr>
<th>Courses</th>
<th>Sem. I</th>
<th>Sem. II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education 235</td>
<td>1</td>
<td>1</td>
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<tr>
<td>Education 250</td>
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</tr>
<tr>
<td>Education 251</td>
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<td>3</td>
</tr>
<tr>
<td>Education 260</td>
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<tr>
<td>Education 261</td>
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<tr>
<td>English 237</td>
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<td>2</td>
</tr>
<tr>
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<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>
In addition to the two required academic majors, the student must present at least 12 semester hours in a special field as a minor before the Five Year Diploma will be granted. These special fields are: Art, Commercial, Dramatics and Speech, Journalism, Library Service, Music, Physical Education, Pre-Vocational, Club Activities.

**General Fourth Year Curriculum**

The program of work required of all fourth year students in Teachers College consists of two parts: (1) one semester of elective and recommended courses, (2) one semester of professional education courses. One-half of part 2 above is devoted exclusively to practice teaching; the other half exclusively to certain basic education courses. While one-half of the class carries the elective academic program, the other half carries the professional education program, one group doing practice teaching while the second carries the required courses.

### FOURTH YEAR

<table>
<thead>
<tr>
<th>Courses</th>
<th>Sem. I</th>
<th>Sem. II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education 268</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Education 294</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Education 293</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Education 295</td>
<td></td>
<td>2</td>
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<td>8</td>
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<td>Electives</td>
<td></td>
<td>18</td>
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<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>18</td>
</tr>
</tbody>
</table>

**General Fifth Year Curriculum**

The program of work required of all fifth year students in Teachers College consists of two parts: (1) one semester of probationary teaching in a public school, under supervision, (2) one semester of required and elective course work. The class is divided into two groups, one of which carries the academic course program while the other carries the probationary teaching.

### FIFTH YEAR

<table>
<thead>
<tr>
<th>Courses</th>
<th>Sem. I</th>
<th>Sem. II</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td>3</td>
</tr>
<tr>
<td>Education 350</td>
<td></td>
<td>3</td>
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<tr>
<td>Education 351</td>
<td></td>
<td>2</td>
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<td>Education 354</td>
<td></td>
<td>14</td>
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<td>Education 390</td>
<td></td>
<td>2</td>
</tr>
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<td>Education 395</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>16</td>
</tr>
</tbody>
</table>

**MASTER OF EDUCATION DEGREE**

Candidates for the degree of Ed.M. must have satisfied the essential requirements of the Ed.B. degree. The candidate must satisfactorily complete a graduate program of 30 semester hours and present an acceptable thesis and pass the required examinations. Credits earned in courses prescribed for the Five Year Diploma will, with the exception of Education 354 and 395, be accepted in partial fulfillment of requirements for
the Ed.M. degree. The graduate course program should include the following: Three semester hours each in the philosophy of education, educational psychology, history of education and contemporary education. The candidate's special committee may, at its discretion, consider one or more of the above course requirements to have been met if the candidate's undergraduate program has included substantial corresponding courses. In such cases, the special committees will authorize substitute courses. All general requirements for advanced degrees (see pages 44-46) will apply to the Master of Education degree.

DENTAL HYGIENE

Prospective dental hygienists meet the same entrance requirements as others who matriculate at the University of Hawaii. During the first two years, the student is provided with a basic program designed to provide a cultural and scientific background for the specialized program of the upper-division and graduate years. The student may register in any one of the three undergraduate colleges of the University, but must have met the basic requirements before matriculation as a junior in the dental hygiene curriculum. Ordinarily, the student will be registered in the College of Applied Science during the first two years. During the third, fourth, and fifth years the student is registered in Teachers College.

The Junior and Senior years are primarily devoted to specific preparation for dental hygiene service and include, likewise, provisions for acquiring professional education background. In the fifth (post-graduate) year, stress is laid on health education and of broadening of the general education background.

CURRICULUM

FIRST YEAR

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Sem. I.</th>
<th>Sem. II.</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 100 or 103</td>
<td></td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry 101</td>
<td></td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Physical Education</td>
<td></td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Zool. 150</td>
<td></td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Botany 156</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Education 100</td>
<td></td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Phys. Educ. 135</td>
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<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
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<td>1</td>
<td>3</td>
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SECOND YEAR

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>English 130 or 135</td>
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<td>Physical Education</td>
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</tr>
<tr>
<td>Sociology 150, 151</td>
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<td>3</td>
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<tr>
<td>H. S. 102</td>
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</tr>
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<td>Education 180</td>
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<td>Education 181</td>
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### University of Hawaii

#### Third Year

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<tbody>
<tr>
<td>Zool. 290</td>
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</tr>
<tr>
<td>Dental Hygiene 251</td>
<td></td>
<td>...</td>
<td>3</td>
</tr>
<tr>
<td>Zool. 291</td>
<td></td>
<td>...</td>
<td>3</td>
</tr>
<tr>
<td>Dental Hygiene 200</td>
<td></td>
<td>1</td>
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</tr>
<tr>
<td>Household Science 200</td>
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<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Dental Hygiene 235</td>
<td></td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>English 205</td>
<td></td>
<td>3</td>
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</tr>
<tr>
<td>Dental Hygiene 252</td>
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<td>Electives</td>
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#### Fourth Year

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<td>Dental Hygiene 262</td>
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<td>Dental Hygiene 256</td>
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<td>Dental Hygiene 264</td>
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<td>Botany 260</td>
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<tr>
<td>Dental Hygiene 258</td>
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<td>Educ. 266, 290, 293, 294, 295</td>
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#### Fifth Year

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<tr>
<td>Education 340</td>
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</tbody>
</table>
The Graduate School of Tropical Agriculture of the University of Hawaii was 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 those 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 program of study and research prescribed by the committee in charge of his candidacy, and pass a general examination at the end of his course to show his grasp of the subject under study.

For the Doctor of Philosophy degree the student is required to spend
at least three academic years in residence, at least one year of which must be at the University of Hawaii, to complete satisfactorily a program of research and study prescribed by the committee in charge of his candidacy, and to 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 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 40).

AGRICULTURE

100 Orientation Course
Several lectures on the agriculture of Hawaii. Designed to acquaint
the student with the different fields of agriculture in the Territory with a
view of enabling him to more intelligently select a major field of study
at the end of the Freshman year. First semester. Required of all Fresh­
men 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. Laboratory 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. Lab­
oratory fee $1.00. First semester, 3 credits.

162 Horticulture
A general study of the fruits of the Hawaiian Islands: the cultivat­
tion, pruning, spraying, fertilizing, and moisture requirements of orchard
and garden fruits; also the handling and packing for market of local
fruits. Prerequisites: Chemistry 101 or 102 and Botany 101. Two lec­
tures or recitations and one laboratory period per week. First semes­
ter, 3 credits.

163 Horticultural Propagation
This follows Agriculture 162 and is a practical course in the propaga­
tion of fruit plants. It includes the study of seeds, germination and
seedling culture; also vegetative propagation by cuttings and graftage
with nursery development. Prerequisites: Chemistry 101 or 102 and
Botany 101; desirable, Agriculture 162. Two lectures or recitations and
two laboratory periods per week. Second semester, 4 credits.

165 Ornamental Plant Culture
The common ornamental plants of the Hawaiian Islands, their uses,
methods of propagation and care are studied in this course. No pre­
requisites. Two lectures or recitations and one laboratory period per
week. Second 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. Laboratory fee $2.00. First semester, 5 credits.

251* Tropical Crops
A study of the history, botany, culture, and utilization of the leading tropical crops of the world as well as consideration of various economic problems arising in connection with the development of agriculture in the tropics. Required of Juniors in Agriculture and Sugar Technology, Agriculture and Chemistry divisions. Two lectures or recitations, one laboratory period each week. Prerequisites: Botany 101 and Chemistry 101 or 102. Agriculture 256 desirable. Laboratory fee $2.00. Second semester, 3 credits.

252* Sugar Cane Production
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. Laboratory fee $2.00. First semester, 4 credits.

253* Dairying
A study of dairy cows, the production, handling, and marketing of milk and milk products, milk testing, and separation, etc. Two lectures or recitations, and one laboratory period a week. Laboratory fee $1.00. First semester, 3 credits. (Alternates with Agriculture 257; offered in 1936-1937.)

254 Principles of Genetics
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 a week. Prerequisites: Botany 101 and Zoology 150 or their equivalent. Required of Juniors in Agriculture and Sugar Technology, Agriculture division. Second semester, 3 credits.

255 Poultry Husbandry
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. Prerequisites: Agriculture 152. Not open to Freshmen. Two lectures, one quiz. Laboratory fee $1.00. Second semester, 3 credits. (Not offered in 1936-1937.)

256 Principles of Agronomy
A study of the botany of crop plants and the principles underlying the economic production of field and garden crops. Consideration will be given to the gross morphology, systematic relationships and ecology of the more important species. The principles of crop production, crop rotation, and the maintenance of soil fertility will be studied. Two lecture hours and one laboratory period per week. Prerequisites: Botany 101, Chemistry 101; Botany 102 and 106 desired. Required of all Juniors in Agriculture. Laboratory fee $2.00. First semester, 3 credits.
Courses of Instruction

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 1936-1937.)

259 Poultry Husbandry
Bice
Special problems largely in the field of poultry husbandry research. Individual work; course not conducted as a class exercise. Second semester. Credit by arrangement.

260 Pineapple Production
A general study of pineapple production. Prerequisite: Botany 101 and 106, Zoology 150 or its equivalent, Chemistry 101 or 102, and Agriculture 250. Laboratory fee $2.00. First semester, 4 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 a week, problems, assigned readings, field trips, and demonstrations. Prerequisites: Agriculture 254. Second semester, 3 credits.

264 Seminar in Animal Nutrition
Henke
A study of recent investigations in the field of animal nutrition. A major part of the course will be assigned topics on which the students will thoroughly review the literature on the subject and present reports to the class. Prerequisites: Agriculture 257 and sufficient training in chemistry. The consent of the instructor is required. One class meeting each week. (Offered in alternate years. Not offered 1936-1937.) Second semester, 1 credit.

265 Agricultural Thesis
Henke and Agricultural Staff
Advanced individual work in field and laboratory, with accompanying library work. First and second semesters, credit by arrangement.

267 Soil Chemistry
Magistad
The soil as a source of plant food, relations of organic matter and base exchange to soil fertility, and manufacture, composition and use of commercial fertilizers. Prerequisites: Chem. 151, 152; Agr. 250; Bot. 106, 151. One lecture and one three-hour laboratory period each week. Laboratory fee $3.00. Second semester, 2 credits.

269 Agricultural Studies of Tropical Countries
Westgate
Soil, climate, and crop production studies of the principal tropical countries of the world including general studies as to labor and health conditions, marketing problems, etc. Three recitations or lectures per week. Prerequisite: Agriculture 251. Second semester, 3 credits.

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. Laboratory fee $1.00. Second semester, 4 credits.

300 Research Work
Henke and Agricultural Staff
Situated in a climate where out-of-doors 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.
351 Seminar in Tropical Agriculture

Individual assignments as to special agricultural studies of particular crops and countries including problems of insect and plant disease control, marketing, utilization, etc. Two class meetings per week. Prerequisite: Agriculture 251. Second semester, 3 credits.

ANTHROPOLOGY

200 The Emergence of Man
An introduction to the study of racial and cultural backgrounds, with special reference to the methods and findings of physical anthropology and prehistoric archaeology. First semester, 3 credits.

201 Man and Culture
An introduction to social anthropology and ethnology, including a comparative study of human customs and ideas, with special reference to primitive peoples. Second semester, 3 credits.

250 Old Polynesia
The Polynesians and their life prior to the coming of western civilization. (Not offered 1936-1937.)

251 Changing Polynesia
The modern experience of the Polynesians, showing forces making for change and conservatism, and the present day problems of adjustment within the larger world setting. (Not offered 1936-1937.)

252 Peoples of the Pacific
The human backgrounds of the Pacific Ocean area, with special reference to Malaysia, Melanesia, Micronesia and Polynesia. (Not offered 1936-1937.)

253 Pacific Peoples and Western Civilization
Racial contacts and cultural changes, especially among the non-autonomous and backward peoples. The possible contributions of anthropology towards solving the problems of modern adjustment will be discussed. (Not offered 1936-1937.)

254 Peoples of Asia
A study of the contribution that anthropology can make toward understanding the racial and cultural backgrounds of the Orient. First semester, 2 credits.

265 Primitive Society
An analysis of the social organization of so-called primitive peoples as revealed in modern anthropological writings, this to be compared with the corresponding organization of civilized life. Second semester, 2 credits.

270 Race and Race Mixture
A more advanced survey of the biological aspects of race and race mixture. Criteria for the classification of mankind into racial groups, the stability of racial type in changing environment, and the genetic consequences of miscegenation will be studied. Special attention will be paid to the significance of this study for Hawaii. Second semester, 2 credits.

300 Advanced Reading
Open to qualified students who secure the approval of the instructor. Credit to be arranged.
Courses of Instruction

310 Seminar in Anthropology
   Staff
   A study of advanced problems in anthropology, open to senior or
graduate students by arrangement. First and second semesters, 2 credits
each.

400 Thesis Research
   Keesing
   Graduate students engaged in the preparation of a thesis for the
Master's degree will register in this course. A total of 6 credits can
be secured for thesis work.

ART

150-151 Art Structure
   Rempel
   The study of the elements and principles underlying all art. First
semester: exercises in line, mass, and color harmony to stimulate appreci-
ation. Second semester: advanced exercises in composing abstract and
naturalistic forms. Two periods. Studio. First and second semesters, 2
credits each. This is a fundamental course, upon which all other courses
are based, and is prerequisite to all advanced work. Students who apply
for advanced standing or for exemption from any art course must submit
examples of previous work.

154-155 Freehand Drawing and Beginning Painting
   Luquiens
   Principles of perspective and the development of feeling for fine qual-
ity in line and mass drawing of still life, buildings, interiors, and furni-
ture. Second semester: charcoal drawing and the study of the technique
of water color. No prerequisites. First and second semesters, 2 credits
each.

156 Beginning Lettering
   Rempel
   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 layouts, and advertisements. Pen and pencil. Prerequisites:
Art 150-151. (Prerequisites will be waived for students taking Business
273.) First semester, 2 credits.

160-161 Oil Painting
   Luquiens
   Study of naturalistic form and color in oils, emphasizing composi-
tion, plane structure, and character of subject presented. First semester: still
life. Second semester: the living model, head, and costume. Prerequi-
sites: Art 154-155 or special permission of instructor. Two periods. First
and second semesters, 2 credits each. Second semester studio fee $3.00.

170 Imaginative Design
   Rempel
   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
   Rempel
   Designs for specific crafts and industries including pottery, leather,
metal, etc. Prerequisites: Art 150-151; 154-155; 170. Second semester, 2
credits. (Not offered 1936-1937.)

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. (Not offered 1936-1937.)

175 Textile Decoration
Advanced problems in tie dye, Batik, applique, etc. Prerequisites:

250-251 History of Art
Schenck
A survey of the origin and development of the fine arts, dealing with painting, sculpture and architecture as reflection of the cultural forces at work with each of the great periods of history. The first semester is devoted to Ancient and Medieval Art with special emphasis on the art of Greece and French Gothic. The second semester covers, first, the development of art from the Renaissance to modern times, and second, oriental art. These courses are open to all students of Junior standing. Lectures, lantern slides and museum trips. First and second semesters, 2 credits each. (Not offered 1936-1937.)

261 Art for Kindergarten-Primary Years
(Described in Teachers College courses.)

262 Art for Upper Elementary Years
(Described in Teachers College courses.)

263 Art for Secondary School Years
(Described in Teachers College courses.)

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 1936-1937.)

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

269 Life Class
Luquiens
Drawing from the model, with a view to establishing a foundation for the imaginative use of the human figure. Prerequisites: Art 154-155. Two periods studio. Studio fee, $4.00, to cover model expense. Second semester, 2 credits.

270 Advanced Composition
Rempel
Creative conceptions of naturalistic forms. Prerequisites: Art 150-151, 154-155, 170. Second semester, 2 credits.

272 Beginning Illustration
Rempel
Elementary problems in illustrations. Prerequisites: Art 150-151, 154-155. First semester, 2 credits.

273 Book Illustration
Rempel
Illustrations of fables, legends, and imaginative tales. Prerequisites: Art 150-151, 154-155, 272. Second semester, 2 credits.
**Courses of Instruction**

**274 Commercial Art for Economics and Business Students**  
Rempel  
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 Commercial Illustration**  
Rempel  
Synthesis of illustration and lettering in business. Advanced problems in layout and designing of posters, magazine and newspaper ads, pamphlets, containers, trademarks, window and counter displays, etc. Prerequisites: Art 150-151, 154-155, 156, 170. Second semester, 2 credits. (Not offered 1936-1937.)

**276-277 Stage Craft and Costume**  
Rempel  
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 headresses, properties. Prerequisites: Art 150-151; 154-155. First and second semester, 2 credits each. (Not offered 1936-1937.)

**370-371 Modern Painting**  
Rempel  
Analysis and application of various trends, systems and theories of modern art. The aim of the course is to give criticism and guidance in any field of art work of the students' own choosing, and to develop self-motivation and instructor-independence. The work consists mostly of creative painting in landscape, still life, industrial subjects, abstractions and portraits, but still permit credit for murals, frescos, stage-work, commercial art, costume, industrial design, etc. Any medium may be used. For advanced students only, with special permission of the instructor. First and second semesters, 2 credits each. (Not offered 1936-1937.)

Note:—Certain of the above courses offered by the Art Department may be repeated for credit by advanced students with the permission of the instructor.

**BOTANY**

**101 General Botany**  
St. John and Botanical Staff  
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. Laboratory fee $4.00 each semester. First and second semesters, 3 credits each.

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

151 General Bacteriology
Herter
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. Laboratory fee $5.00. Second semester, 4 credits.

155* Nutrition of Plants
Bean
A course dealing with: nature of seeds; 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. Open to Freshmen. Not open for credit to students who have taken Botany 163. Two hours of lecture with demonstrations. Second semester, 2 credits.

156 Bacteria in Relation to the Individual and the Public
Herter
A course stressing the importance of bacterial activities in everyday life. The history of bacteriology, the most important groups of bacteria, and the methods of studying bacteria, are reviewed briefly. Special attention is given to the roles that bacteria play in agriculture, the dairy industry, the supervision of water supplies, sewage disposal, the canning industries, epidemics, types of diseases, and the bacteriological treatment of the most common diseases. Open to Freshmen. Not open for credit to students who have taken Botany 151. Two lectures each week. Each semester, 2 credits.

158 Mycology
Herter
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 textbook 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. Laboratory fee $3.00. First semester, 3 credits. (Alternate years; offered 1936-1937.)

160* Flower and Tree Identification
Fosberg
A popular course in the identification of the common cultivated plants, weeds, and native plants of the territory. Fee $2.00. No prerequisite. Open to Freshmen. Not open to students who have taken Botany 102. First semester, 2 credits.

161* Plant Geography
St. John
A study of the distribution of plants throughout the world. The vegetation of forests, grasslands, deserts, tundra, mountains, and oceans, with special attention to origin, development, ecology, and economic importance. Fee $2.00. No prerequisites. Open to Freshmen. Two hours of illustrated lectures a week. First semester, 2 credits.

162 Structure of Economic Plants
Weller
A study of the anatomy of the important field and garden crop plants, representative of Hawaiian agriculture. Prerequisite: Botany 101. One lecture hour and two laboratory periods each week. Lab-
Courses of Instruction

oratory fee $4.00. First semester, 3 credits. (Alternate years; offered 1936-1937.)

163 Physical Factors in Plant Nutrition and Growth Bean

A study of those features of the physiology of higher green plants that permit an interpretation from the point of view of elementary physical laws. Consideration will be given to: the general nature of growth; effects of physical factors in the environment upon growth; physical properties of the cell; absorption of gases, water, and mineral salts; loss of water from the plant; ascent of sap; and the physical features of photosynthesis. Prerequisites: Botany 101 and Chemistry 101 or 102. Two lectures and two laboratory periods per week. Laboratory fee $5.00. First semester, 4 credits.

164 Metabolism of Green Plants Bean

In this course the emphasis will be placed on the chemical transformations that occur in the plant during normal development. Photosynthesis; nitrogen metabolism; digestion and translocation of reserve substances; respiration; and growth and movement will be discussed in terms of elementary principles of chemistry. Prerequisite: Botany 163; Chemistry 152 recommended. Two lectures and two laboratory periods per week. Laboratory fee $5.00. Second semester, 4 credits.

200 Botanical Problems St. John, Allen, Bean or Weller

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

210 Botanical Seminar Botanical Staff

Presentation of seminar reports, reports upon research, or reviews of current botanical literature. Recommended for Juniors, Seniors, and Graduates, and may be taken repeatedly. One recitation hour per week. Each semester, 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. Laboratory fee $3.00. Two lecture hours and two laboratory periods a week. Second semester, 4 credits. (Alternate years; offered 1936-1937.)

254 Advanced Taxonomy St. John

A synoptical treatment of the lower Dicotyledons, from the Piperaceae to the Leguminosae, with laboratory study of the important families. 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. Laboratory fee $1.00 per credit hour. One lecture hour and one or more laboratory periods each week. First semester, 2 or more credits. (Offered 1936-1937.)

258 Agricultural Bacteriology Allen

A study of the role of the bacteria in nitrogen, carbon, and sulphur processes in the soil, the formation of humus, the decomposition of cellulosic and nitrogenous materials, and the relation of these processes to agriculture. The latter part of the course deals with a study of the more common pathogenic soil bacteria of plants and animals. Recommended for students of agriculture. Prerequisite: Botany 151. Two lecture hours and two laboratory periods each week. Laboratory fee $3.50. First semester, 4 credits. (Alternate years; not offered 1936-1937.)
260 Medical Bacteriology
Allen
A course designed to acquaint the student with the fundamentals of serology and the physiological reactions of the common pathogenic bacteria. The common diseases will be studied in the laboratory and presented in the lectures from the standpoints of diagnosis, therapeutic and prophylactic methods of treatment. Emphasis will also be placed on the recent theories of bacterial dissociation, life cycles, the bacteriophage phenomena, and their pathogenic relationships. Prerequisite: Botany 151. Two lecture hours and two laboratory periods each week. Laboratory fee $5.00. First semester, 4 credits. (Alternate years; not offered 1936-1937.)

263 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. Laboratory fee $3.50. Second semester, 3 credits. (Alternate years; not offered 1936-1937.)

265 Taxonomy of the Dicotyledons
St. John
A synoptical treatment of the Dicotyledons, from the Leguminosae to the Ericaceae, with reference to their gross morphology, economic value, and distribution. Prerequisite: Botany 102. One lecture hour a week. Second semester, 1 credit. (Alternate years; not offered 1936-1937.)

267 Taxonomy of the Higher Dicotyledons
St. John
A synoptical treatment of the higher Dicotyledons from the Ericaceae to the Compositae, with reference to their gross morphology, economic value, and distribution. Prerequisite: Botany 102. One lecture hour a week. Second semester, 1 credit. (Alternate years; not offered 1936-1937.)

268 Microtechnique
Weller
A course in the principles and methods of preparing plant materials for histological and cytological study. It includes methods of killing, fixing, processing, imbedding, sectioning, staining, mounting, drawing, reconstructing, the use of the microscope, and photomicrography. Prerequisites: Botany 101, Chemistry 101. One lecture hour and two laboratory periods per week. Laboratory fee, $6.00. Second semester, 3 credits. (Alternate years; offered 1936-1937.)

269 Plant Anatomy
Weller
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 268 desirable but not required. One hour recitation, two laboratory periods a week. Laboratory fee $6.00. First semester, 3 credits. (Alternate years; not offered 1936-1937.)

270 Physiology of Bacteria
Allen
A technical study of the major physiological processes carried on by bacteria and yeasts. Particular attention is given to the influence of
various culture media upon the chemical composition, physiological activities and growth processes of microorganismal cells; the influence of microorganisms upon the culture environment; the mechanisms of growth and death as a result of chemical and physical factors; energy relationships (sources of energy, their utilization in synthesis and in fermentation processes); oxidation-reduction potentials and microbial enzymatic reactions. Prerequisites: Botany 106 or Zool. 291, Bot. 151 and 258 or 260, and Chem. 151 or 230. Two two-hour lectures or discussion periods per week. Second semester, 3 credits. (Alternate years; not offered 1936-1937.)

271 Proseminar in Plant Physiology

A survey of some of the features of plant nutrition and growth through the medium of selected papers on the subject. The aims of this course will be to present to the student the current interpretations and problems of the subject and to develop in him the ability to evaluate critically its literature. It is not expected that all phases of the subject will be considered though the papers will be selected with a view to diversity of topics. Prerequisites: Botany 164; Botany 162 or 269 recommended. First and second semesters, 1 credit each.

272 Laboratory Practice in Advanced Physiology

Properly qualified students, by arrangement with the instructor, may pursue laboratory work in connection with Botany 271. This may take the form of selected experiments approved by the instructor, participation in research in progress, or a separate problem. Prerequisite: Botany 164. Students electing this work in Physiology should have had or should have in progress Chemistry 151. Laboratory fee $1.00 per credit hour. First and second semesters, 1 or 2 credits each.

300 Botanical Research

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

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.

303 Plant Pathology Seminar

Description listed with Graduate School of Tropical Agriculture courses.)

304 Research in Plant Pathology

(Description listed with Graduate School of Tropical Agriculture courses.)

305 Absorption and Movement of Water in the Plant

Description listed with Graduate School of Tropical Agriculture courses.)

306 Mineral Nutrition

(Description listed with Graduate School of Tropical Agriculture courses.)

307 The Synthesis of Organic Materials

(Description listed with Graduate School of Tropical Agriculture courses.)
308 Relations of Microorganisms to Physiology of the Plant  Allen
(Description listed with Graduate School of Tropical Agriculture courses.)

350 Research in Plant Physiology  Plant Physiology Staff
(Description listed with Graduate School of Tropical Agriculture courses.)

351 Plant Physiological Literature  Plant Physiology Staff
(Description listed with Graduate School of Tropical Agriculture courses.)

400 Thesis Research  Staff
Graduate students engaged in the preparation of the Master's thesis will register for this course. Credits to be arranged.

CHEMISTRY

Undergraduate students majoring in chemistry are required to take the following courses: 101 or 102, 150, 152, 153, 161, 211, 212, 230; and may elect any other chemistry courses. At least one year of college physics and mathematics is strongly advised.

101 General Chemistry  Payne and Fujimoto
An introductory course in general chemistry for students without previous training in the subject. Students receiving entrance credit in chemistry are required to elect Chemistry 102. Three hours lecture and one period laboratory each week. Laboratory fee $7.00 per semester. First and second semesters, 4 credits each.

102 Advanced Inorganic Chemistry  Bilger and Fujimoto
Designed to qualify students who have had chemistry in preparatory schools for advanced work in chemistry, or to serve as a comprehensive survey of the science. Fundamental theories and laws of chemistry are emphasized. Experimental lectures, recitations, and laboratory work. 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. Laboratory fee $7.00 per semester. First and second semesters, 4 credits each.

150 Qualitative Analysis  Fujimoto
A course in systematic qualitative analysis covering characteristic reactions, detection, and separation of the common basic and acidic ions. The lecture periods are devoted to a fundamental study of the theory of solutions and principles of analysis. Prerequisite: Chemistry 101 or 102. Two lectures and two laboratory periods each week. Laboratory fee $8.00. First semester, 4 credits.

151 Quantitative Analysis  Fujimoto
An abridged course in quantitative analysis for Agricultural and Household Science students and those in Sugar Technology, Agriculture branch. Prerequisite: Chemistry 101 or 102 and 150. Two hours classroom and two laboratory periods a week. Laboratory fee $8.00. Second semester, 4 credits.

152 Elementary Organic Chemistry  Payne
An introductory course in the chemistry of the carbon compounds dealing chiefly with fundamental principles and detailed study of the aliphatic series, but including also a brief survey of the proteins and
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Carbohydrates. This course is elected by those students requiring only one semester of organic chemistry and those pursuing a more advanced study of the subject. Prerequisite: Chemistry 101 or 102. Three hours lecture and one laboratory period each week. Laboratory fee $9.00. First semester, 4 credits.

153 Intermediate Organic Chemistry Payne
A continuation of Chemistry 152, devoted chiefly to a study of the chemistry of the aromatic and heterocyclic compounds of carbon. Prerequisite: Chemistry 152. Three hours lecture and one period laboratory per week. Laboratory fee $9.00. Second semester, 4 credits.

161q Colloidal Chemistry Bilger
An introduction to the chemistry of colloids. Assigned readings and written reports are required. Open to students who have completed Chemistry 150. One class period and one laboratory period a week. Laboratory fee $4.00. Second semester, 2 credits.

211 Physical Chemistry Bilger
An introductory course in theoretical chemistry, including the study of pressure-volume relations of gases, theories of solution, homogeneous chemical equilibrium, phase rule, colloids, thermochemistry, electrochemistry, and the modern theories of the constitution of matter. It is required that this course be taken concurrently with Chemistry 212. Prerequisites: Chemistry 150 and 230. Three hours classroom a week. First and second semesters, 3 credits each.

212 Physical Chemistry Laboratory Bilger
A series of laboratory exercises in the practice of physical chemical methods. Open to students who have completed or are taking Chemistry 211. Prerequisites: Chemistry 150 and 230. This course must accompany Chemistry 211. One laboratory period a week. Laboratory fee $6.00 per semester. First and second semesters, 1 credit each.

213 Advanced Physical Chemistry Laboratory Bilger
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. Laboratory fee $6.00 per semester. First and second semesters, 1 credit each.

216 Advanced Quantitative Analysis Dillingham
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, 150, 152, 153, and 230. Usually three laboratory periods per week, but hours and credits may be arranged. Laboratory fee $6.00 per semester.

217 Advanced Organic Chemistry Payne
A course designed to develop maturity in the literature of the carbon compounds, and manipulative technique in the laboratory. The work is chiefly laboratory with considerable emphasis on original literature surveys in connection with the assigned problems. Conferences and discussions replace formal lectures and quizzes. Prerequisites: Chemistry 153 and 230. Laboratory fee $2.00 per credit hour plus $3.00. First and second semesters, hours to be arranged, with a minimum of two credits per semester.

230 Quantitative Analysis Fujimoto
The principles of gravimetric and volumetric analysis, calibration of volumetric apparatus, analysis of pure substances, and commercial
products, determination of pH of buffer solutions by colorimetric and
electrometric methods. Prerequisites: Chemistry 101 and 150 or 102
and 150. Laboratory fee $8.00 per semester. First and second
semesters, 3 credits each.

240 Honors Course in Chemistry

A student taking this course may work independently on a problem
in some one advanced branch of Chemistry, such as advanced Agri-
cultural, Biological, Organic, Physical, or Quantitative Analysis. 3
credits per semester. Prerequisites: Chemistry 101 or 102, 150, 152,
Chemistry 211 and 212. (Chemistry 260 and 261 may be included.)
Laboratory fee $6.00. Hours to be arranged.

250 Organic Analysis

An introduction to the technique of organic analysis, both quali-
tative and quantitative. Registration is limited to graduate students
or seniors intending to take graduate work. Prerequisites: Chemistry
153 and 230. Laboratory fee $9.00. Second semester, 3 credits. Hours
to be arranged.

260* Biological Chemistry

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, 151,
and 152. Three hours classroom a week. First semester, 3 credits.

262 Biological Chemistry Laboratory

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. Laboratory fee
$5.00. First semester, 1 credit. Prerequisites: Chemistry 101 or 102,
151, 152.

261* Agricultural Chemistry

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. Laboratory fee
$6.00. Second semester, 4 credits.

Note: Since the laboratory work in Chemistry 261 and Chemistry
263 is identical, students taking both courses can obtain 2 credits only
for such laboratory work. Such students should register for 2 credits
in Chemistry 261 and for 3 credits in Chemistry 263.

263 Food Analysis

A course dealing with the chemistry of foods; food laws, food pre-
servation, and methods of food analysis. Primarily for Junior and
Senior students in Household Science. One lecture or recitation period
and two laboratory periods a week. Prerequisites: Chemistry 260 and
its prerequisites. Laboratory fee $6.00. Second semester, 3 credits.

315 Chemical Literature

A library course in which articles appearing in current chemical
periodicals are studied, and topics are assigned for reports. Pre-
requisites: Chemistry 101 or 102, 150, 152, 153, and 230. May be taken
in conjunction with Chemistry 211, 216, and 217. First and second
semesters, 1 credit to 3 credits each.
318 Chemistry Research  Dillingham, E. M. and L. N. Bilger, Payne
The conducting of a research problem and preparation of a related
thesis in pure or applied chemistry. Elective course restricted to Senior
and Graduate students. Hours, credits, and fees to be arranged. Lab-
oratory fees and breakage deposits $3.00 each credit per semester,
not to exceed a total of $18.00 per semester. Prerequisites: Chemistry
101 or 102, 150, 152, 153, 161, 230, or their equivalents. Prerequisite
or parallel: Chemistry 211, 212, 216, or 217.

400 Thesis Research  *Staff
Graduate students engaged in the preparation of a Master's thesis in
Chemistry will register for this course. Credits to be arranged. Lab-
oratory fees and breakage deposits $3.00 each credit per semester.
Prerequisites: Chemistry 101 or 102, 150, 152, 153, 161, 230, or their
equivalents. Prerequisite or parallel: Chemistry 211, 212, 216, or 217.

CIVIL ENGINEERING
(See Engineering)

ECONOMICS AND BUSINESS

Economics

150-151 The Principles of Economics  Cameron
An examination of the principles which underlie the consumption,
production and distribution of wealth accompanied by a brief analysis
of some of the more important current economic problems such as the
control of trusts, the regulation of railways and public utilities, mone-
tary and banking reform, etc. Prerequisite: Sophomore standing. First
and second semesters, 3 credits each.

223 History of Economic Institutions  Cameron
A review of economic institutions from primitive times to the pre-
cent. Population trends, agricultural changes, labor and manufacturing
systems, evolution of capital and business organization, origin and
growth of transportation facilities and the development of money, bank-
ing and credit are some of the topics discussed. The causes and effects
of institutional changes and their relation to human welfare are stressed.
Prerequisite: Sophomore standing. First and second semesters, 3 credits
each.

250 Economic Problems of the Orient  Taylor
A survey of the economic institutions of the more important ori-
ental countries, particularly Japan and China, accompanied by an anal-
ysis and evaluation of some of their outstanding economic problems
and policies. Particular attention is given to population pressure, indus-
trialization and government control of industry. Prerequisite: Econom-
ics 150-151. First semester, 3 credits.

256 Money, Credit, and Prices  Hoflich
A general discussion of money and credit and their relation to
prices. Topics include: nature of money, history of money, char-
acteristics of different kinds of money and the functioning of the various
money systems, the monetary system of the United States, money and prices and the relation of money to the interest rate. Prere-
quisite: Economics 150-151. First semester, 3 credits.

257 Banking  *Hoflich
The nature and history of banking followed by a detailed discus-

...
sion of the banking system of the United States, including commercial banks, trust companies, savings banks and related banking institutions. Particular attention is given to the organization, functioning and regulation of commercial banks both from the standpoint of the individual bank and from that of the commercial and banking system as a whole. Prerequisites: Economics 150-151 and 256. Second semester, 3 credits.

261 Public Finance Hoflich
The principles of public finance. Public expenditures—extent, purposes, determinants and effects; public revenues—public domain and public industries, fees, assessments and charges, taxation and public credit; fiscal administration. Prerequisite: Economics 150-151. Second semester, 3 credits.

262-263 Practice Banking Cameron
Actual work in the Bank of Hawaii or the Bishop National Bank two afternoons each week from 1 o'clock until the books are balanced, together with supplementary readings on bank organization and management. Prerequisites: Economics 256 and 257, permission of the instructor and bank interested. First and second semesters, 2 credits each.

265 International Finance Hoflich
International financial relationships and accompanying problems and policies. Special consideration is given to international loans and investments, the instruments, technique and organization of foreign exchange, varying monetary standards and foreign exchange and the international effects of the manipulation of currencies and exchanges by national governments. Prerequisite or parallel: Economics 256 and 257. Second semester, 3 credits.

270 Public Utilities Cameron
The economic nature and history of public utilities, excluding railroads, followed by a critical discussion of their control by the state. Prerequisite: Economics 150-151. Second semester, 3 credits. (Not offered, 1936-1937.)

273 Ocean Transportation Cameron
A study of ocean transportation, including the nature and history of ocean transportation, services rendered by ocean carriers, organization of ocean carriers, rate-making and government subsidies. Special attention is given to Pacific basin carriers. Prerequisite: Economics 150-151. Second semester, 3 credits.

276 Trusts and Industrial Combinations Cameron
The movement toward industrial combination, devices used to effect combination, advantages and disadvantages of concentration from the standpoint of the public and regulation by both state and federal authorities followed by a brief survey of the policies of some of the more important foreign countries toward industrial combination. Prerequisite: Economics 150-151. First semester, 3 credits.

281 Labor Problems Taylor
An analysis of the labor problem from the standpoints of capital, labor and the public. The most important topics discussed are: origin and sources of wage-earners, unemployment, wages, unionism, collective bargaining, strikes and boycotts, cooperation, socialism and labor legislation. Prerequisite: Economics 150-151. First semester, 3 credits.
### Courses of Instruction

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor(s)</th>
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<tbody>
<tr>
<td>285</td>
<td>Theory and Control of Foreign Trade</td>
<td>Taylor</td>
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<tr>
<td></td>
<td>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. Prerequisite: Economics 150-151. First semester, 3 credits. (Not offered 1936-1937.)</td>
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<tr>
<td>288</td>
<td>Risk, Risk-Bearing and Speculation</td>
<td>Hoflich</td>
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<td></td>
<td>A study of the problems of business and personal insecurity arising out of commercial and industrial processes and hazards such as death, fire and accident. Attention is given to the nature of risk, the risk-bearing functions of insurance and organized speculation in commodities and securities, the effectiveness of the risk-bearing processes and structures and the elimination of risk by preventive measures. Prerequisite: Economics 150-151. First semester, 3 credits.</td>
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<tr>
<td>291</td>
<td>Agricultural Economics</td>
<td>Taylor</td>
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<td>A brief discussion of farm organization, management, marketing and finance together with an analysis and evaluation of some of the more important accompanying problems. Particular attention is given to the local aspects of the subject matter of the course. Prerequisite: Economics 150-151 or permission of the instructor. Second semester, 3 credits.</td>
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<tr>
<td>296</td>
<td>Recent Economic Thought</td>
<td>Hoflich</td>
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<td>A general survey of economic thought from John Stuart Mill to the present time, with special emphasis on value and distribution. Prerequisites: Junior standing and a grade of B in Economics 150-151 or permission of the instructor. First semester, 3 credits.</td>
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<tr>
<td>305-306</td>
<td>Seminar in General Economics</td>
<td>Cameron</td>
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<td></td>
<td>First and second semesters, maximum of 3 credits each.</td>
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<tr>
<td>310-311</td>
<td>Seminar in International Economics and Trade</td>
<td>Taylor</td>
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<tr>
<td></td>
<td>First and second semesters, maximum of 3 credits each.</td>
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<tr>
<td>315-316</td>
<td>Seminar in Finance</td>
<td>Hoflich</td>
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<tr>
<td></td>
<td>First and second semesters, maximum of 3 credits each.</td>
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<tr>
<td>400</td>
<td>Thesis Research</td>
<td>Staff</td>
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<td>Hours and credits to be arranged.</td>
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### Business

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<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>150-151</td>
<td>Elementary Accounting</td>
<td>Graham</td>
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<tr>
<td></td>
<td>The fundamental principles of accounting including the accounting problems of single proprietorships, partnerships and corporations. An elective laboratory carrying one credit is open to students registered in this course. Prerequisite: Sophomore standing in the department of Economics and Business or permission of the instructor. First and and second semesters, 3 or 4 credits each.</td>
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<tr>
<td>152-153</td>
<td>Elementary Accounting</td>
<td>Depech</td>
</tr>
<tr>
<td></td>
<td>This course duplicates the subject matter covered in Business 150-151. Organized primarily for unclassified evening session 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, 3 or 4 credits each.</td>
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<tr>
<td>250-251</td>
<td>Intermediate Accounting</td>
<td>Graham</td>
</tr>
<tr>
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<td>This course is concerned primarily with the balance sheet, its form,</td>
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</table>
content and related accounting problems such as valuation of assets, depreciation, etc. Attention is given, also, to mergers and the construction of consolidated statements. Prerequisites: A grade of at least C in Business 150-151 or 152-153 and Economics 150-151. First and second semesters, 3 credits each.

252-253 Intermediate Accounting
Delpech
This course duplicates the subject matter covered in Business 250-251. Organized primarily for unclassified evening session 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 150-151 or 152-153, Economics 150-151 or consent of the instructor. First and second semesters, 3 credits each. (Not offered 1936-1937.)

254 Cost Accounting
Graham
An elementary study of cost accounting. Sources of costs, cost units, cost gathering and the use of cost data are stressed. Scheduled only in the evening. Prerequisites or parallel: Business 250-251 or 252-253 and Economics 150-151 or consent of the instructor. First semester, 2 credits. (Not offered 1936-1937.)

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 on the financial standing of business units as investment and credit possibilities. Scheduled only in the evening. Prerequisites or parallel: Business 150-151 or 152-153 and Economics 150-151 or consent of the instructor. Second semester, 2 credits. (Not offered 1936-1937.)

256 Income Tax Problems and Procedure
Graham
An elementary study of the federal and territorial income tax laws and the related accounting problems. Problems are solved and individual, fiduciary, partnership and corporation returns are prepared. Prerequisites or parallel: Business 250-251 or 252-253 and Economics 150-151 or consent of the instructor. Second semester, 2 credits. (Not offered 1936-1937.)

259 Office Management
Hoflich
Problems of office organization and management, classification of office activities, distribution of authority and responsibility, employment, promotion, compensation, measurement of efficiency, office procedure, office layout, indexing, filing, etc. Prerequisite: Business 150-151 or consent of the instructor. Second semester, 2 credits.

260-261 Business Law
Kay
This course deals in a general way with the following topics: nature and sources of law, judicial procedure, contracts, agency and sales, partnerships and corporations, negotiable instruments, personal and real property, suretyship and guaranty, bankruptcy, and insurance. Scheduled in the evening in 1936-1937. Prerequisite: Junior standing or permission of the instructor. First and second semesters, 2 credits each.

264 Principles of Business
Cameron
A general survey of some of the more important principles underlying the organization and management of business enterprises. Included are such aspects of business organization and management as choosing goods to handle, time to enter business, location, size and legal form of organization; selecting, handling and promoting executives; managing labor; choosing selling policies and promoting good
Courses of Instruction

public relations. Prerequisite: Economics 150-151. First semester, 3 credits. (Not offered 1936-1937.)

265 Corporation Finance Hoflich
Problems involved in the financial administration of corporations, such as determination of capital requirement, sources of and devices used to secure capital, marketing securities, control of capital disbursements, credit and income. Prerequisites: Economics 150-151 and Business 150-151 or 152-153. Second semester, 3 credits. (Not offered 1936-1937.)

266 Investments and Investment Banking Hoflich
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 institution and their functioning in the process of investment. Prerequisites: Economics 150-151 and Business 150-151 or 152-153 or permission of the instructor. First semester, 3 credits.

267 Business Cycles and Business Forecasting Hoflich
An analysis of the business cycle and proposed remedies; assumptions, methods involved and statistical data used in forecasting the course of business; business forecasting services; applicability of business forecasts to specific businesses and localities. Scheduled only in the evening. Prerequisite: Economics 150-151 or consent of the instructor. First semester, 3 credits. (Not offered 1936-1937.)

268 Current Economic Problems Hoflich
An analysis and evaluation of some of the more important current economic problems. Scheduled only in the evening. Prerequisite: Economics 150-151 or consent of the instructor. Second semester, 2 credits. (Not offered 1936-1937.)

270-271 Marketing Taylor
A survey of the marketing structure of modern industrial society, stressing the fundamental functions performed in the marketing process and the channels through which these functions are executed, the problems of the manufacturer, wholesaler and retailer, market analysis and research and marketing policies. Prerequisites: Economics 150-151 and Business 150-151 or 152-153. First and second semesters, 3 credits each.

273 Economics of Advertising Taylor
The economic aspects of advertising. Particular attention is given to the history and present importance of advertising, methods and media used, agencies and campaigns, costs and their measurement and the social and economic consequences of advertising. Prerequisites or parallel: Economics 150-151 and Business 270-271 or consent of the instructor. Second semester, 3 credits.

275 Technique of Foreign Trade Taylor
The goods entering into foreign trade, foreign markets, channels of distribution in foreign countries, export organizations and export selling methods and policies. Pacific basin trade emphasized. Prerequisites or parallel: Economics 150-151 and Business 270-271 or consent of the instructor. Second semester, 3 credits.

276 Economics of Retail Merchandising Taylor
Retail merchandising from the economic point of view. Topics
stressed: origin and social function of retailing, development and evaluation of the various retail channels, organization and management of the retail business unit and sales promotion. Prerequisites or parallel: Economics 150-151 and Business 270-271 or consent of the instructor. First semester, 3 credits.

280 Salesmanship and Sales Management
Taylor
Types of salesmanship; buying motives; personal sales methods and tactics; field of sales management: the product, the market, marketing methods, management of the sales force; sales promotion and adjustment of product to market demand. Prerequisites and parallel: Economics 150-151 and Business 270-271. Second semester, 3 credits.

291 Statistics
Hoflich
Nature and development of the science; uses, characteristics and sources of statistics; gathering material; the problem, the statistical unit; collection of data; tabulation of data; simple diagrams, frequency tables and graphs; types and averages; dispersion; trends; index numbers; comparison of variables; methods, correlation and ratio of variation. Prerequisite: Junior standing. Second semester, 3 credits. (Not offered 1936-1937.)

305-306 Seminar in Accounting
First and second semesters, maximum of 3 credits each.

310-311 Seminar in Merchandising
First and second semesters, maximum of 3 credits each.

ENGINEERING
Civil Engineering

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

C. E. 125 Roads and Pavements
Webster
Lectures, laboratory, and field work. The lecture work covers the construction and maintenance of various types of roads and city pavements, special reference being made to local types. In the laboratory the student becomes familiar with the type machines used in testing road materials and the methods of performing such tests. Prerequisites: C. E. 101 and M. D. 101. Sophomores in Civil Engineering. Laboratory fee $2.00 per semester. First and second semesters, 2 credits each.

C. E. 151 Graphical Statics
C. Andrews
Lectures and drafting. The determination of the stresses in framed structures by the graphical method, using the funicular polygon and the stress diagram, are discussed in lectures. 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. Second semester, 2 credits.
Courses of Instruction

C. E. 201 Surveying and Drawing  C. Andrews, Brinker
Recitation and field and drafting work. The course covers 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. Prerequisites: Mathematics 106 and C. E. 101. Juniors in Civil Engineering. Laboratory fee $2.00 per semester. First and seconds semesters, 3 credits. (Alternates with C. E. 227. (Not offered 1936-1937.)

C. E. 227 Surveying  C. Andrews, Brinker
Railroad surveying, construction, and economics. Field work and recitations cover 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. Prerequisites: C. E. 101. Mathematics 106. Seniors in Civil Engineering. Laboratory fee $2.00 per semester. First and second semesters, 3 credits each. (Alternates with C. E. 201. Offered 1936-1937.)

C. E. 229* Municipal Engineering  Keller
The subject matter of the course includes the general principles and methods of construction and cost; city water supply; waterworks and fire protection; the methods 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. Seniors in Civil Engineering. First and second semesters, 3 credits each.

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

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

C. E. 253* Structural Mechanics  C. Andrews
The resistance and elasticity of materials in tension, compression, and shearing stress, and the study and calculation of riveted joints,
simple beams, cantilevers, restrained and continuous beams, safe loads, elastic curves, deflections, beams of uniform strength, columns, temperature stresses, and horizontal shear in beams, together with the solution of numerous practical problems. Prerequisite: C. E. 252. Juniors in Civil Engineering. Second semester, 4 credits.

C. E. 255 Hydraulics

The more important principles of hydraulics which govern and treat of fluids at rest and hydrostatic pressure are studied. Manometers and Pitot tubes, Venturi meters, strength of pipes, pressure of water against walls and dams, flow of liquids through pipes and over weirs, loss of head, flow of water in open channels, Kutter's formula, are all included in the study of hydrokinetics. Prerequisite or parallel: C. E. 252 and 253. Juniors in Civil Engineering. Second semester, 3 credits.

C. E. 276 Structural Design

Lectures and drafting exercises, in which the student computes the stresses and designs plate girders and steel building trusses and other structural members. 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. Seniors in Civil Engineering. First semester, 3 credits.

C. E. 277 Bridge Design

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 computations, the making of complete engineers' drawings, and the specifications. Seniors in Civil Engineering. Second semester, 3 credits.

C. E. 279 Concrete and Masonry Structures

The properties of stone, brick, and concrete, and their uses in engineering structures, such as foundations, retaining walls, piers, and abutments, including 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. 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)

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

C. E. 284-285 Hydraulic Laboratory

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

A lecture and discussion course which covers 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
Courses of Instruction

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. 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, Brinker
Elementary drafting, which includes freehand sketching, freehand lettering, use of instruments, conventional sections, isometric, oblique, and cabinet drawing, development of surfaces, the making of shop drawings, tracing and blue-printing, in which particular attention is given to lettering, general neatness, and accuracy. The cost of materials and instruments required is about $30.00. First and second semesters, 2 credits each.

M. D. 133 Descriptive Geometry Hoy
The geometry of engineering drawing, 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. Sophomores in Civil Engineering. First and second semesters, 2 credits each.

Mechanical Engineering (M. E.)

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

M. E. 252 Materials of Engineering Keller
The course is divided between lectures and recitations and covers the properties and requirements for materials used in engineering construction, including wood, iron, steel, and concrete. Methods of manufacture affecting quality of material, standard tests employed to secure the proper grade of material, and standard specifications, are included in this course. 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. Seniors in Civil Engineering. First semester, 3 credits.
M. E. 283 Contracts and Specifications
Keller
The course is a series of lectures on contracts, and touches 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. A detailed study of typical contracts and specifications for engineering work of various kinds is taken up in the latter part of the course. 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
The course is divided between lectures and drafting-room exercises and includes 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. (Not offered 1936-1937.)

Engineering Laboratory (X. E.)

X. E. 253 Materials Laboratory
Keller
A laboratory course which gives practice in testing the materials of construction, involving complete tests of specimens of wood, iron, steel, and concrete. Special attention is given to the preparation and testing of specimens of concrete, both plain and reinforced. The facilities available 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. Laboratory fee $5.00. Second semester, 3 credits.

ENGLISH

All 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.

50 Elementary Composition
English Staff
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.

51 Elementary Oral English
English Staff
An elementary non-credit course in reading and speaking designed for students whose spoken English is found to be unsatisfactory. Required of students conditioned in Oral English in either English 50, 100, or 102. Two class meetings a week. Second semester.

100 Composition
English Staff
The principles of exposition, description, and narration; analysis of illustrative specimens; frequent written exercises, and individual con-

*A tuition fee of $15.00 is charged part-time students taking this course.
†A tuition fee of $10.00 is charged part-time students taking this course.
Courses of Instruction

ferences 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, first semester. First and second semesters, 3 credits each.

100B Composition  English Staff
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 first semester of their Sophomore year. Collateral reading fee $1.00. Second semester, 3 credits.

100C  English Staff
This course is essentially a repetition of the second semester of English 100, and is arranged for the convenience of those who have completed English 100B. Such students may also register for English 120 or 130. First semester, 3 credits.

102 Composition  Neil
This course parallels English 100, and is open 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 differs from English 100 in that less stress is laid upon the mechanics of composition and more upon reading and writing. Collateral reading fee, $1.00, first semester. First and second semesters, 3 credits each.

103 General English  Coale
(Description listed with Teachers College courses.)

106 Principles of Public Discussion  Beck
Practical training in the preparation of speeches on controversial subjects of current public interest, including the analysis of questions, the examination of reference material, bibliography building, elementary brief drawing, the composition of argumentative speeches, and the preparation of materials of refutation. Each student will be given an opportunity to participate in the University intramural forensic contests, such as the interclass debates, the oratorical contest, and the Berndt contest. Admission only by consent of the instructor or the head of the English department. First and second semesters, 2 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
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. Prerequisite: English 100 or 102. First and second semesters, 3 credits each.

131 Literature of the Pacific
   Stroven
   A survey chiefly of the literature of the South Seas, including narratives by Melville, Stevenson, London, Conrad, Maugham, Nordhoff and Hall, and other writers deserving but less well known. Attention will be directed to the effect of western civilization on native life as reflected in the literature. Open only to Freshmen and Sophomores. First and second semesters, 1 credit each.

133 The Frontier in American Narrative
   Stroven
   Reading and discussion of American fiction and biography having frontier background and incident, from Cooper to writers of the present day. Open only to Freshmen and Sophomores. Second semester, 1 credit.

135 General English
   (Description listed with Teachers College courses.)

140 Newspaper Reporting
   Horlings
   The newspaper and news; general and departmental newspaper writing; copy reading and headline writing. Laboratory work on Ka Leo during the second semester. First and second semesters, 2 credits each.

145 Journalism Laboratory
   Horlings
   A problems course for staff members of Ka Leo. Conferences and reporting and editing on Ka Leo. Prerequisite: English 140 and consent of instructor. First and second semesters, credit arranged.

150-151 Oral Reading
   Peavey
   Reading aloud in class of modern poetic and dramatic selections, with special attention to correctness of speech and interpretation of meaning. Not open for credit to Juniors or Seniors. First and second semesters, 2 credits each.

160-161 Play Production
   Wyman
   A practical course dealing with make-up, scenery, costume design, lighting, properties, stage 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.

166-167 Play Direction
   Wyman
   A course designed to give particular attention to speech, stage presence, characterization, and pantomime. Material will be taken from standard modern plays and classics. The course is open only to those who have had at least one year's experience in dramatics and with the permission of the instructor. First and second semesters, 3 credits each.

201 Business Correspondence and Commercial Journalism
   Peavey
   Designed especially for students in Economics and Business. A study of principles and practices observed in business correspondence; practice in the writing of sales, credit collection, adjustment, and application letters. Principles of publicity, practice in writing advertising folders and pamphlets and promotion articles for newspapers and magazines. Open only to Juniors and Seniors. First and second semesters, 2 credits each.
Courses of Instruction

205 Public Speaking
Peavey
The technique of public speaking, parliamentary practice, preparation and delivery of type speeches, mock trials, oratory, and simple debate. Extemporaneous speaking is stressed. Prerequisite: English 100 or 102. First and second semesters, 3 credits each.

206 Argumentation and Debate
Beck
Advanced work in public discussion, debate strategy, and logic, with emphasis on the perfecting of arguments and persuasive style. Each student will be given an opportunity to engage in public debates or forums arranged by the University. Prerequisites: English 100, 106, 130, and 150 or 205, and elementary courses in Political Science, History, and Economics. Admission by consent of the instructor only. First and second semesters, 2 credits each.

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

208 English Prose and Poetry, 1830-1890
Neil
The first semester will deal with certain representative prose writers with special emphasis upon Carlyle, Arnold, Ruskin, and Newman. During the second semester a study will be made of the more considerable poets of the period with special emphasis upon Tennyson and Browning. Prerequisite: English 130 or equivalent. First and second semesters, 3 credits each.

210 Directed Reading
Schwartz
Weekly reading, with informal class reports and discussions, of some important books which are not read in connection with other courses. The grade in the course will be determined by the amount and nature of the reading, and the quality of the reports. Open only to a limited number having the consent of the instructor. First and second semesters, 2 credits each.

213 The Bible as Literature
A study of the types of literature represented in the Bible, their development, and their content as influenced by historical and social conditions. Prerequisite: English 130 or equivalent. First and second semesters, 3 credits each. No credit for students receiving credit for Religion 254.

214 World Literature
Sinclair
An outline course presenting in English translations the major writings of Japan, China, and India, in the first semester; and in the second, the classics of Persia, Arabia, Greece, and Italy. Prerequisite: English 130 or equivalent. Library 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. Second semester, 3 credits. (Not offered 1936-1937.)

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.
237 The Teaching of English in Secondary Schools
(Description listed with Teachers College courses.)

240 American Literature
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.

242 Chief Elizabethan Dramatics (Exclusive of Shakespeare)
A study of selected plays by Lyly, Marlowe, Kyd, Greene, Ben Jonson, Dekker, Beaumont and Fletcher, Webster. Alternates with English 252-253. First semester, 3 credits.

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. Prerequisite: English 130 or equivalent. English 240 is recommended as a preparatory or 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 preparatory or 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.

255 The Modern Novel
The novel in England since Hardy. Prerequisite: English 130 or equivalent. First 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.

260 Advanced Journalistic Writing
The reporting of public affairs; law of the press; feature writing; the fact article for magazine and trade journal; the review and the editorial. Prerequisite: English 100 and 130 or English 140 or consent of instructor. First semester, 2 credits. (Not offered 1936-1937.)

261 News Editing
Covering local news sources; press associations; feature syndicates; correspondents; newspaper illustration. Laboratory practice in editing and headline writing. Prerequisite: English 260. Second semester, 2 credits. (Not offered 1936-1937.)

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 1936-1937.)

264 Creative English in the Elementary School
(Description listed with Teachers College courses.)
265 Treatments of Defects in English Usage  
(Description listed with Teachers College courses.)

267 Seventeenth Century Prose  
Schwartz  
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, 3 credits.

270 Literature for the Kindergarten-Primary Years  
Kluegel  
(Description listed with Teachers College courses.)

271 Literature for the Intermediate and Upper Elementary Years  
Kluegel  
(Description listed with Teachers College courses.)

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.

400 Thesis Research  
Staff  
Hours and credits to be arranged.

FRENCH

100* Elementary Course  
Carr, Aguiar  
Phonetics, dictation, conversation, reading of easy prose and poetry. First and second semesters, 3 credits each.

101* Nineteenth Century French Novel  
Carr, Aguiar  
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  
Pecker  
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  
Carr  
A study of French sounds. Required of those majoring in Romance languages. Conversation and diction. First and second semesters, 1 credit each.

202* Advanced Conversation and Composition  
Pecker  
A practical course in every day current French. Reading of French newspapers and magazines with discussions 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  
Masterpieces of Corneille, Racine, and Moliere. Lectures in French upon the literary history of the period. Additional outside reading and research will be assigned. First semester, 2 credits. (Not offered 1936-1937.)

251* Romantic School  
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 1936-1937.)

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.

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.

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.

GEOGRAPHY

150 Elements of Geography  
A course dealing with descriptions and interpretations of natural and cultural landscapes bringing out the relationships of people to the natural environment of the areas in which they live. Discussions of economic adjustments to climate and relief comprise a large part of the subject matter of the course. First semester, 3 credits.

151 Economic Geography  
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. Geography 150 is a desirable preparatory course. Second semester, 3 credits.

160 Laboratory Course in Geography  
Exercises in making and reading maps and physiographic diagrams. Emphasis is placed upon the description and interpretation of the cultural and natural features of the areas studied. Several field trips are taken. Prerequisite: Geography 150. First semester, 2 credits.

180 Elementary Meteorology  
The atmosphere and its constituents; the effect of pressure and temperature on weather; the formation of rain, clouds, fog, etc.; conditions conducive to storms, thunder showers, hurricanes, and tornadoes; atmospheric phenomena, as lightning, thunder, and mirages; climate and ocean currents; the weather map, and the preparation of the weather forecast. First semester, 2 credits.

200 Field Geography  
This course comprises field and library work in human and economic geography. It includes collection, evaluation and presentation of field data. Registration only on consent of the instructor. Hours and credits to be arranged.
Courses of Instruction

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 environment. Prerequisite: any one of the following: Geography 150, 151, Geography 261 (listed also with courses in Teachers College), Geology 252. First semester, 3 credits.

255 Geography of Asia
Coulter
A study of the geographic regions of Asia with special emphasis on Japan and China. The course deals with the natural and cultural features which in association characterize each region. Similarities and differences in the use of the land and its resources are discussed in relation to the natural environment. Geography of Asia is designed as background for students in the Oriental Institute and also for advanced students in Geography. Prerequisite: any one of the following: Geography 150, 151, Geography 261 (listed also with courses in Teachers College), Geology 252. Second semester, 3 credits.

261 Occupational Geography
Jones
This course consists of lectures and discussions on a series of problems based upon the occupational life of the peoples of the world. Available sources of material for children of the elementary schools will be considered. Not open for credit to students who have taken Geography 150. (Listed also with courses in Teachers College.) First or second semester, 3 credits.

262 Geography of Hawaii
Coulter
An interpretation of the economic activities in Hawaii in relation to the natural environment of the islands and the cultural background of the people. Comparisons will be made with other islands in the Pacific. Prerequisite: one course in geography. First semester, 2 credits.

263 Geography of Pacific Islands
Coulter
The human and economic geography of Polynesia (except Hawaii) Melanesia, Micronesia, and the Philippines. Prerequisite: one course in geography. Second semester, 2 credits.

271 Political Geography
Jones
A study of political areas, their boundaries, capitals, and other critical points and zones. The course also includes discussions of the economic relationships between political units. Geography 150 is a desirable preparatory course. Second semester, 2 credits.

280 Advanced Meteorology
Meteorological elements and their influence on weather; effect of pressure and temperature on weather conditions, American air masses and means of identification; the Polar Front Theory and its application to weather forecasting; forecasting for an immediate vicinity; special forecasts for transcontinental and ocean flights; practical demonstrations in preparing the various charts and diagrams used by the forecaster. Second semester, 2 credits.

300 Geography Seminar
Coulter, Jones
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.

400 Thesis Research
Coulter, Jones
Graduate students engaged in the preparation of a Master's thesis in geography will register in this course. Credits to be arranged.
GEOLOGY

252 Physical Geology
by Palmer
Study of the materials composing the earth and of the work of the atmosphere, streams, ground water, lakes and oceans, ice, earthquakes, and volcanoes. The nature of the agents and the results they accomplish. Prerequisite: any one of the following, Botany 101, Chemistry 101 or 102, geography 150 and 151, Physics 102 or 150 and 151, or Zoology 150. Two recitations and one laboratory period a week. Laboratory fee $1.00. First semester, 3 credits.

253 Historical Geology
by Palmer
The history of the earth, of its continents and ocean basins, and of its plants and animal inhabitants. Prerequisite: Geology 252 or 256. Two recitations and one laboratory period a week. Laboratory fee $1.00. Second semester, 3 credits.

266 Economic Geology
by Palmer
Study of the distribution, nature, and origin of the more important metallic and non-metallic minerals used by man. Prerequisite: Geology 252 or 256. Three recitations a week. First semester, 3 credits. (Alternate years; not offered 1936-1937.)

269 Geology of Ground Water
by Palmer
The origin, amount, distribution, circulation, recovery, and quality of ground water. Special reference is made to Hawaiian ground waters. Prerequisite: Geology 252 or 256. Two recitations a week. Laboratory fee $1.00. Second semester, 2 credits. (Alternate years; not offered in 1936-1937.)

260 Physiology
by Palmer
A study of the processes that sculpture the topographic forms at the surface of the earth, comprising their manner of work and the results of their work, with especial reference to the cycle concept. Prerequisite: Geology 252 and 253. Three recitations a week. First semester, 3 credits. (Alternate years; offered in 1936-1937.)

261 Crystallography
by Palmer
A series of lectures on Crystallography, including the geometrical laws of crystals, the crystal systems, and the chief crystal forms. One lecture a week. Admission only with permission of the instructor. Second semester, 1 credit.

262 Volcanology
by Palmer
Lectures, assigned readings and reports on volcanoes: their classification, types of eruptions, products, structure, distribution, periodicity and underlying forces. Prerequisite: Geology 252 or 256 and prerequisite or parallel course, a year of college physics. Two recitations a week. Second semester, 2 credits. (Alternate years; offered 1936-1937.)

300 Geology Seminar
by 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. Either semester.
Courses of Instruction

GERMAN

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<td>201</td>
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<td>202</td>
<td>Advanced Scientific German</td>
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HAWAIIAN

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<td>A First Course in the Hawaiian Language</td>
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<td>101</td>
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<td>200</td>
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<td>250-251</td>
<td>Great Leaders of Hawaii</td>
<td>Judd</td>
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HISTORY

100 History of Western Civilization  Rowland, Bachman
A study of the development of modern culture, including the classical heritage, medieval contributions, expansion overseas, and present-day tendencies in Europe and America. First and second semesters, 3 credits each. Library fee $1.00.

204 Diplomatic and Colonial History of Modern Europe  Bachman
Causes of the World War; the peace settlements. Prerequisite: History 100, Political Science 170, or the consent of the instructor. First and second semesters, 2 credits each.

225 History of China  Lee
A general survey of Chinese history; the development of institutions; the impact of western culture upon Chinese civilization. First and second semesters, 3 credits each.

226 Early History of Japan  Sakamaki
A survey of Japanese history to 1868. First semester, 3 credits.

228 History of Modern Japan  Sakamaki
Social, economic and political changes in Japan since 1868. Second semester, 3 credits.

229 Diplomatic History of Japan  Sakamaki
A survey of the relation of Japan with foreign powers from the first contacts with European nations. First and second semesters, 2 credits each.

242-243 History of the United States  Rowland
A detailed consideration of the development of the United States from 1776 to the present. Prerequisite: History 140 or permission of instructor. First and second semesters, 3 credits each. (Not offered 1936-1937.)

244 Diplomatic History of the United States  Rowland
A survey of the foreign policies and diplomatic practices of the United States from 1778 to the present. Prerequisite: History 140 or permission of instructor. First and second semesters, 3 credits each.

252 Constitutional History of the United States  Rowland
The drafting, ratification and development of the federal constitution. First semester, 2 credits.

253 History of Hispanic America  Rowland
The political, social, and economic development of the Hispanic American republics, with consideration of such topics as the Monroe Doctrine, intervention, and Pan-Americanism. Prerequisite: History 140, or consent of the instructor. First and second semesters, 2 credits each.

276 History of the Hawaiian Islands  Kuykendall
A general course in some detail, with emphasis on the period of the monarchy. Lectures, assigned reading, and exercises. First semester, 2 credits.

277 The Pacific Region in Modern Times  Kuykendall
First contact of East and West; discovery and exploration; activities of traders and missionaries; development of European and American interests; origin of current problems. First semester, 3 credits. (Not offered 1936-1937.)


Courses of Instruction

310 Seminar in Historical Method Rowland
Designed to give graduate students training in the evaluation of sources and the preparation of theses. Open to qualified seniors and unclassified students by consent of instructor. First semester, 2 credits.

311 Seminar in American Diplomatic History Rowland
Open to graduates, seniors, and unclassified students majoring in history. Second semester, 2 credits.

312 Seminar in European Diplomatic History Bachman
Open to graduates and seniors majoring in history or international relations. Second semester, 2 credits.

315 Seminar in Japanese History Sakamaki
Open to graduates and seniors majoring in history. 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 and unclassified students. The course must be taken for both semesters. First and second semesters, 2 credits each.

400 Thesis Research Staff
Graduate students engaged in the preparation of a Master's thesis in History will register for this course. Credits to be arranged.

HOME ECONOMICS

General Courses

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

H. E. 251 Teachers' Course in Home Economics Bazore
A course for Home Economics majors or Home Economics teachers in service. The course will include such topics as the aims in teaching home economics, problems in the various phases of subject matter, methods of presentation, planning a course of study to fit the needs of the girl, aids in teaching, laboratory equipment, and text-books. Second semester, 2 credits.

H. E. 252 Child Training
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. Home Economics majors are required to have one laboratory period. 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 and Home Nursing Gaudin and MacOwan
A course dealing with reproduction, needs of the expectant mother, child birth, care of the infant and pre-school child, normal growth of children, and minor ailments, accidents, and common diseases of children. A portion of the course will be given to the discussion and practice of home nursing. 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. Required for graduation of all Home Economics majors. Prerequisite: Junior or Senior standing. Fee to be arranged each year. Conferences and laboratory period. Second semester, 2 credits.

H. E. 295 Field Practice in Home Economics

After the Junior and 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. 110-111 Clothing Construction

The fundamental processes of technique are taught by the construction of simple dresses and undergarments. Emphasis is placed upon selection, design, and the manipulation and fitting of commercial patterns. Lectures, discussions, and laboratory. Required of students in Home Economics. Laboratory 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 production, manufacture, design, and economics. Practical household tests. A brief study of the historical development of the textile industry. Laboratory fee $1.50. First and second semesters, 1 credit each.

H. A. 114 Dressmaking and Designing

The principles underlying the cutting and fitting of costumes by the drafting and modification of foundation patterns. The application of the principles of costume design and textile selection will be taught in connection with the construction of two original costumes. Lectures, discussion and laboratory work. Prerequisite: H. A. 110 and 112; prerequisite or parallel: Art 150, 153. Laboratory fee $3.50 per semester. First and second semesters, 2 credits each.

H. A. 150-151* Costume Appreciation

By means of discussion and demonstration the course will develop appreciation of costume as a means of art expression. Costume is considered from the standpoint of abstract design, suitability, and expressiveness. Open to all students. Laboratory fee $1.50. First and second semesters, 1 credit each.

H. A. 252 Millinery

The construction and trimming of hats, including the making of wire and willow frames, the copying of models and pictures of hats, and the execution of original designs. Prerequisite: H. A. 114. Laboratory fee $5.00 per semester. Second semester, 3 credits.

H. A. 253 Advanced Dressmaking

This course includes tailoring and advanced instruction in the choice of materials and practice in the art of design and dressmaking. Prerequisite: H. A. 114. Laboratory fee $3.50. First semester, 3 credits.
Courses of Instruction

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. Laboratory fee $5.00 per semester. One lecture, two 2½-hour laboratory periods. First and second semesters, 3 credits each.

H. S. 150 Elementary Food Preparation  Bazore, Glenn
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 lectures. Required of all students whose placement tests show insufficient preparation to enter H. S. 102. Open to all students, no prerequisites. One lecture, two 2½-hour laboratory periods. Laboratory fee $5.00. First semester, 3 credits.

H. S. 155 Elementary Nutrition for Pre-Nursing Students  Glenn
The study and application of the principles of nutrition in relation to health and disease. This course is designed for pre-nursing students only. Prerequisite: H. S. 150. One lecture, two 2½-hour laboratory periods. Laboratory fee $5.00. Second semester, 3 credits.

H. S. 200 Nutrition  Potgieter
A study of the nutritive requirements of man; the function of food in the body; the nutritive value of foods and their place in the diet. The course includes a study of the foods and diet of peoples of the Orient and the Pacific Islands as well as the United States. Prerequisites: Chemistry 101 or 102; Chemistry 152. Prerequisite or parallel: Chemistry 260, 262. Two lectures and one 2½-hour laboratory period. Laboratory fee $5.00. Second semester, 3 credits.

H. S. 249-349 Research  Potgieter
Problems according to preparation of student. Investigation of nutritional problems; animal and human feeding experiments. For Seniors and Graduates. Laboratory 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. Laboratory fee $5.00. Second semester, 2 or 3 credits.

H. S. 252-253 Field Practice in Household Science  Potgieter
During the Senior or Graduate year, students who have completed H. S. 200, 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 cooperate with the Household Science Department of the University, so that Seniors or Graduates may obtain field practice as student dietitians in the hospital. Hours and credits 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. 255 Cafeteria Practice
Cooper
A study of problems relating to the organization and management of a school cafeteria. Practical training in menu-planning; preparation and serving of foods in large quantities; food buying; keeping simple accounts. Prerequisites: H. S. 150, H. S. 102. Prerequisite or parallel: H. S. 200, or H. S. 271. Conference and laboratory periods to be arranged at the University Cafeteria. First or second semester, 3 credits.

H. S. 271 Elementary Nutrition
Bazore
A study of the principles of nutrition 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. Open to all Juniors and Seniors. Prerequisite: H. S. 150 or its equivalent approved by instructor. Two lectures, two 2½-hour laboratory periods. Laboratory fee $5.00. Second semester, 4 credits.

H. S. 350-351* Seminar in Nutrition
Miller
The course includes a review of current literature of interest to students of nutrition. The major part of the work is the preparation of reports and reviews of articles on assigned topics, followed by group discussion. Prerequisite: qualified preparation in nutrition and physiological chemistry. The permission of the instructor is required for admission to the course. One meeting of 1½ hours each week. First and second semesters, 1 credit each. (Not offered 1936-1937.)

H. S. 400 Thesis Research
Staff
Hours and credits to be arranged.

See pages 60 and 61 for outline of courses in Home Economics. After the second year the student may choose a household art major or household science major. Education courses to satisfy the requirements for teaching may be taken as electives in the Junior and Senior years if desired.

MATHEMATICS

104* Engineering Mathematics
Webster
Plane and solid analytic geometry, spherical, trigonometry, and a short course in advanced algebra and differentiation. Required of Freshman in Engineering. Prerequisites: two years of high school algebra, one year of plane geometry, trigonometry. Solid geometry is strongly recommended but not required. First and second semesters, 5 credits each.

106* Calculus
Webster
Differential and integral calculus. Required of Sophomores in Engineering. Prerequisite: Math. 104 or 152-153. First and second semesters, 3 credits each.
Courses of Instruction

149 Algebra, Plane Trigonometry, and Analytic Geometry  Yap
Second year algebra, plane trigonometry and analytic geometry. Prerequisites: 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 and Brinker
Prerequisites: two years of high school algebra and one year of plane geometry. First semester, 3 credits.

151° Analytic Geometry  Hoy and Brinker
Prerequisites: two years of high school algebra, one year of plane geometry, plane trigonometry. Second semester, 3 credits.

152-153° Analysis  Hoy
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 and second semesters, 3 credits each.

156 Navigation  Tod
A general course in navigation including astronomy, charts, sailing directions, navigational instruments, chronometer errors, compass errors, compass correction, dead reckoning, and navigation by astronomical observation. First and second semesters, 2 credits each. (Not offered 1936-1937.)

252-253 Advanced Calculus and Differential Equations  Hoy
Theory and applications of ordinary, total, and partial differential equations, Fourier and other series, hyperbolic functions. Prerequisite: Math. 106. First and second semesters, not more than 3 credits each. (In alternate years; offered 1936-1937.)

254-255° Applications of Higher Mathematics in Engineering and Physical Science  Hoy
Study of elliptic integrals and application in harmonic motion, solution of equations, determinants and matrices, infinite series, partial differentiation, Fourier series, multiple integrals, line integrals, improper integrals, differential equations, vector analysis, probability, empirical formulas and curve fitting, conformal representation, and hyperbolic functions and use in bridge design. Prerequisite: Math. 106. First and second semesters, not more than 3 credits each. (In alternate years; not offered 1936-1937.)

260 Teaching of Elementary Mathematics  Yap
A study of the principles of arithmetic, algebra, geometry, and trigonometry with reference to methods of teaching. Prerequisites: high school algebra and geometry. First semester, 2 credits. (In alternate years; not offered 1936-1937.)

272-273 History of Mathematics  Yap
A general survey of the growth of elementary mathematics by chronological periods with special attention to racial achievements. Prerequisites: algebra, plane geometry, trigonometry. First and second semesters, 3 credits each. (In alternate years; offered 1936-1937.)

275° Theory of Equations  Yap
Graphing of functions. Solution of higher order equations by the various methods. Prerequisite: Math. 149 or 150-151. Second semester, 3 credits. (In alternate years; not offered 1936-1937.)
University of Hawaii

280* Elementary Statistics

Organization of tables, construction of bar, broken line, and curvilinear graphs, analysis of frequency distributions, cumulative frequency, normal law, time series, trend and ratio charts, and simple correlation. Prerequisites: Knowledge of elementary algebra, geometry, and logarithms. First semester, 3 credits. (In alternate years; not offered 1936-1937.)

281* Advanced Statistics

Study of regression lines, interpretation of coefficient of correlation, correlation of non-measurable characters, probability, point binomial, frequency curves and fitting them to experimental data, graduating data to theoretical curves, sampling, further topics in correlation, multiple and partial correlation, and finite differences. Prerequisite: Math. 280. Second semester, 3 credits. (In alternate years, not offered 1936-1937.)

When there is a sufficient demand the following courses will also be offered:

256 Infinite Series
270 Fundamental Concepts of Mathematics
282 Theory of Probability
283 Mathematical Theory of Finance
290 Theory of Functions of Real and Complex Variables
292 Elementary Group Theory
300 Mathematical Research

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 25 cents a day, approximately $145.00; at camp, the ration itself is furnished and they are paid at the rate of 70 cents a day for the six weeks.

† This requirement also applies to unclassified students, with not more than 14 credits, carrying more than 9 credits.
Courses of Instruction

The course of Instruction for the Infantry Unit, Senior Division Reserve Officers' Training Corps

Basis for calculations of time available for instruction

1. Minimum hours of instruction per week required by law .......... 3 5
2. Estimated number of weeks per academic year ................. 36 36
3. Estimated total available academic hours ................... 96 160
4. Credits for each semester, 1st year .................... 1 3
   Credits for each semester, 2nd year .................... 2 3
   Credits for Advanced Course Camp .................... 2

SUBJECTS AND SCOPE

First Year Basic Course

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Hours Allotted</th>
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<tbody>
<tr>
<td>Drill and Command</td>
<td>42</td>
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<tr>
<td>Map Reading</td>
<td>13</td>
</tr>
<tr>
<td>Rifle Marksmanship</td>
<td>15</td>
</tr>
<tr>
<td>Military History and Customs</td>
<td>10</td>
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<td>Military Organization</td>
<td>6</td>
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<td>Military Sanitation and First Aid</td>
<td>6</td>
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<td>National Defense Act and Citizenship</td>
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COURSE OF INSTRUCTION

Second Year Basic Course

<table>
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<th>Subjects</th>
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<tbody>
<tr>
<td>Drill and Command</td>
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<tr>
<td>Combat Principles</td>
<td>17</td>
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<tr>
<td>Automatic Rifle</td>
<td>14</td>
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<tr>
<td>Scouting and Patrolling</td>
<td>11</td>
</tr>
<tr>
<td>Musketry</td>
<td>10</td>
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<td>Military History</td>
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First Year Advanced Course

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<th>Subjects</th>
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<tr>
<td>Combat Principles</td>
<td>56</td>
</tr>
<tr>
<td>Drill and Command</td>
<td>42</td>
</tr>
<tr>
<td>Machine Guns</td>
<td>26</td>
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<tr>
<td>37 MM Gun and 3-in. Trench Mortar</td>
<td>15</td>
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<tr>
<td>Aerial Photograph Reading</td>
<td>12</td>
</tr>
<tr>
<td>Rifle Marksmanship</td>
<td>5</td>
</tr>
<tr>
<td>Automatic Pistol</td>
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Second Year Advanced Course

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<th>Subjects</th>
<th>Hours Allotted</th>
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<tr>
<td>Combat Principles</td>
<td>53</td>
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<tr>
<td>Drill and Command</td>
<td>42</td>
</tr>
<tr>
<td>Military History</td>
<td>30</td>
</tr>
<tr>
<td>Company Administration</td>
<td>15</td>
</tr>
<tr>
<td>Military Law and O.R.C. Regulations</td>
<td>16</td>
</tr>
<tr>
<td>Tanks and Mechanization</td>
<td>4</td>
</tr>
</tbody>
</table>

Band

Male students, who are interested in music, may register and join the University Band. Attendance required: Full practice 4 hours weekly; individual instruction as necessary. Credits, 2 for those not members of the R.O.T.C.; 1 for first year members of the R.O.T.C. and 2 for second year members.
100 First Year Chinese
Study of 250 foundation characters each semester. Reading and construction of characters and sentences, dictation, simple conversation, and translation. First and second semesters, 3 credits each.

100B Beginners' Course for Occidental Students
Same as O.S. 100. (Not offered 1936-1937.)
(Note: Since the methods and technique of teaching the Chinese language to Occidental students are necessarily different from those in presenting the subject to Oriental students, a separate division of Beginners' Chinese is offered for Occidental students.)

101 Second Year Chinese
Continues the study of 250 more foundation characters and idioms each semester. Reading, construction of characters and sentences, dictation, conversation, translation, and composition. First and second semesters, 3 credits each.

101B Intermediate Course for Occidental Students
Same as O.S. 101.

200 Third Year Chinese
Continues the study of foundation characters and idioms. Reading of short stories, poems, and newspaper articles. Letter writing, composition, and translation. First and second semesters, 3 credits each.

200B Advanced Course for Occidental Students
Same as O.S. 200.

221 Chinese Literature
Study of some of the classical and modern masterpieces of prose and poetry. This course is especially prepared for those who have finished O.S. 200 and other qualified students. First and second semesters, 2 credits each.

241* History of Oriental Religions
A study of the religious movements in the Orient, both ancient and modern. Lectures on Confucianism, Taoism, Buddhism, Shinto, Folk Cults, and Christian Missions in China and Japan. Library fee $1.00 per semester. First and second semesters, 2 credits each. Permission of instructor required.

O. S. 250-251 Chinese Literature in English
Lectures and discussions on the development of Chinese Literature. Reading of the classical and modern masterpieces of Chinese prose and verse. During the first semester a study will be made of the language with which Chinese literature is composed and of the various forms and styles of writing. The poetical works of Li Po, Tu Fu, and Po Chi I will be studied somewhat in detail. The second semester will deal with the representative prose writers of the Sung, Ming, and Tsing periods. A detailed study will be made of two historical novels — "The Romance of the Three Kingdoms" and "All Men Are Brothers" and two plays — "The Pi Pa Ki" and "The Orphan of the Chao Family." Library fee $1.00. First and second semesters, 2 credits each. Permission of instructor required.

O. S. 254-255 Chinese Philosophy and Art
A general survey of the development of Chinese philosophy and art. The first semester will deal with the philosophy of the various
Courses of Instruction

Schools of thought with special emphasis upon the philosophy of Naturalism and Neo-Confucianism. During the second semester a study will be made of the development of industrial and fine arts and art symbols with special emphasis upon the pictorial art and its relationship with the philosophy of life. Library fee $1.00 per semester. First and second semesters, 2 credits each. Permission of instructor required. (Not offered 1936-1937.)

300 Seminar in Chinese Historical Literature
Lee
Open only by permission of the instructor to Graduate and Special students. Hours and credits will be arranged for each individual student.

Japanese Language, Literature, and History

102 First Year Japanese
Uyehara
Reading and translation of Japanese language readers, Katakana, Hiragana, and simple Chinese characters. Dictation and composition. First and second semesters, 3 credits each.

102B First Year Colloquial Japanese for Occidental Students
Uyehara
Pronunciation and conversation, using the Romanized spelling. The use of simple words and idiomatic phrases in every day conversation. Reading and translation of Romanized readers and magazines. First and second semesters, 3 credits each.

103 Second Year Japanese
Uyehara
Reading and translation of Japanese language readers, and the learning of more Chinese characters. Dictation, composition, and letter writing. First and second semesters, 3 credits each.

103B Second Year Colloquial Japanese for Occidental Students
Uyehara
Continuation of the first year. Reading, translation, and writing in Katakana, Hiragana, and simple Chinese characters. Study of Japanese language readers and magazines. First and second semesters, 3 credits each.

202 Third Year Japanese
Uyehara

223 Japanese Literature
Kunitoma
Reading of representative works in Japanese literature, with special emphasis on thought trends and beliefs. Essays, lectures, and discussions. The course is conducted in Japanese. First and second semesters, 2 credits each.

240 Japanese Literature in English
Oriental Studies Staff

301 Seminar in Japanese Historical Literature
A course for Graduate students to do research work in Japanese history and literature. Hours and credits will be arranged for each individual student. (Not offered 1936-1937.)
400 Thesis Research  
Oriental Institute Staff  
Graduate students engaged in the preparation of a Master's thesis in Oriental Studies will register for this course. Credits to be arranged.

PHILOSOPHY

150-151 Introductory Course: Development of Western Philosophy                 Kelly  
A study of Western Philosophy from the time of the great Greek thinkers, through the Medieval period, down to modern times. The second semester is devoted entirely to the study of the modern period. This is the basic course in philosophy. Prerequisite: Full Sophomore standing. First and second semesters, 3 credits each.

252-253 Contemporary Problems of Philosophy                       Kelly  
This course examines the great and persistent problem of philosophy, the nature of reality and of knowledge, with some reference to contemporary discussion of these problems. It is designed as a continuation course following Philosophy 150-151. Open only to those who have had Philosophy 150-151 or 270-271, or to those who obtain permission of the instructor. First and second semesters, 3 credits each.

270-271 Eastern Philosophies                                       Kelly  
An examination of the basic philosophical movements which have arisen within Eastern cultures. The philosophical systems included are those of India, China, Japan, and Persia. First and second semesters, 2 credits each.

280 Logic and Scientific Method                                     Kelly  
A study of the valid forms of logical reasoning, together with a consideration of common fallacies; also an examination of the methods, difficulties, and validity of scientific reasoning. First semester, 3 credits.

290 Ethics                                                            Kelly  
An examination and discussion of the various ideals of life and conduct. Second semester, 3 credits.

PHYSICAL AND HEALTH EDUCATION

All men and women under 25 years of age, who are registered for 10 or more semester hours of work, are required to take a minimum of 1 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 new student and others who may require it 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, Gill, Searle  
Required of all first year men. Three hours of supervised exercise a week. First and second semesters, 1 credit each.

101 Freshman Course (Women)                                       Gay, Waterman  
Required of all first year women. Three hours of supervised exercise a week. First and second semesters, 1 credit each.
Courses of Instruction

102 Sophomore Course (Men) Klum, Gill, Searle
Required of all second year men. Three hours a week of supervised exercise. First and second semesters, 1 credit each.

103 Sophomore Course (Women) Gay, Waterman
Required of all second year women. Three hours supervised exercise. First and second semesters, 1 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 a week. First and second semesters, 1 credit each.
B. Advanced section.
Open to all students. Three hours a week. First and second semesters, 1 credit each.

200 Junior Course (Men) Klum, Gill, Searle
Optional to all third year men. Three hours supervised exercise. First and second semesters, 1 credit each.

201 Junior Course (Women) Gay, Waterman
Optional to all third year women. Three hours of supervised exercise. First and second semesters, 1 credit each.

202 Senior Course (Men) Klum, Gill, Searle
Optional to all fourth year men. Three hours of supervised exercise. First and second semesters, 1 credit each.

203 Senior Course (Women) Gay, Waterman
Optional to all fourth year women. Three hours of supervised exercise. First and second semesters, 1 credit each.

220-222 Physical and Health Education Waterman
A study and practice of what constitutes a proper physical education and health program for children in elementary schools. Two hours a week. First and second semesters, 1 credit.

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.

262 Intramural Athletics Gill
A course in organization, administration and the coaching of intramural athletics for boys in intermediate and secondary schools. First semester, 2 credits.

270 Women's Athletics Gay
This course deals with the theory and practice in coaching of team games, including basketball, volleyball, baseball, tennis and swimming. Registration contingent upon the consent of the instructor. First semester, 2 credits.

PHYSICS

Students taking laboratory work in the Department of Physics are charged, uniformly, fees of $4.00 per laboratory credit hour.
102 General Physics  
Ballard and Miyake  
Prerequisites: Mathematics 149, 151 or the equivalent. Two lecture-recitation periods, one two-hour problem working period and one laboratory period a week throughout the year. This course is regularly taken by pre-medical students, agriculture and sugar technology majors. 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  
Miyake  
Prerequisite: high school physics or the equivalent. This course deals with the fundamentals of radio. It is planned to familiarize the student with the elementary theory, design and construction of radio receiving sets and audio amplifiers. Two lecture periods and one laboratory period per week. Offered in the evening. First semester, 3 credits.

155 Electrical Instruments and Machinery  
Eller  
A non-mathematical treatment of the principles of operation and construction of direct and alternating current instruments and machinery, and their use in electrical circuits. Lectures, demonstrations and discussion. Offered in the evening. First semester, 2 credits.

157 Radio  
Miyake  
Prerequisite: Physics 153. This course is a continuation of Physics 153. It will deal with more advanced radio theory and practice, leading the student into the construction, design and repair of modern A.C. receiving sets and audio amplifiers. One lecture period and one laboratory period per week. Offered in the evening. Second semester, 2 credits.

202 Electrical Engineering  
Eller  
Prerequisite: Physics 250. Two lecture periods and one laboratory period a 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  
Ballard  
Prerequisites: Physics 102 or the equivalent. Survey of geometrical
and physical optics, and the development of the wave and quantum theories of light. Two lectures and one laboratory period per week. First semester, 3 credits.

257* X-Ray
Prerequisite: Physics 102, Physics 150, 151, and 250, or the equivalent. Historical development of the knowledge and theory of X-rays; modern X-ray equipment, technique, and applications; fundamentals underlying physiological treatment; modern research problems. Two lecture-discussion periods per week, including demonstrations in the X-ray laboratory. Second semester, 2 credits.

259 Advanced General Physics
Prerequisite: Physics 102 or the equivalent. This course is open only to students in Police Administration. Topics will be chosen for discussion from the general field of physics which have special significance in police work. Two lecture-discussion periods per week. Second semester, 2 credits.

261 Advanced Physics
Prerequisite: Physics 102 or the equivalent. Students may pursue any desired branch of physics through recommended reading with occasional consultation and written reports, or may elect to carry out some experimental problem under the supervision of the instructor. This is not primarily an honors course. Hours and credits by arrangement.

When there is sufficient demand the following courses will be offered.

263 Theoretical Mechanics
266 Sound
270 Heat
275 Advanced Electricity and Magnetism
280 Modern Physics
351 Theoretical Physics
355 Spectroscopy
357 Kinetic Theory of Gases
358 Thermodynamics
360 Atomic Physics

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.

400 Thesis Research
Graduate students engaged in the preparation of a Master's thesis will register for this course. Hours and credits to be arranged.

POLICE ADMINISTRATION

150 Organization
Historical developments of police systems, and the present organization and functioning of the Honolulu police. Second semester, 2 credits.

152 Laws of Arrest and Court Procedure
Methods of making arrests with or without warrant. A study of criminal procedure from indictment to acquittal or conviction in the territorial or federal courts. Second semester, 2 credits.
153 Criminal Investigation  
A study of note book records, exhibits, blood stains, finger prints, photographs, weapons, and the proper means of procuring, preserving, and presenting the facts. First semester, 2 credits.

155 Elementary Law  
Elementary jurisprudence; the sustantive law and the adjective law. First semester, 2 credits.

251 Criminal Law  
Definition, nature, classification, and other elements of criminal law of primary importance to police officers. First semester, 2 credits.

254 Evidence  
A study of the kinds of evidence; primary and secondary, documentary, opinions and conclusions, confessions and admission, hearsay, declarations, res gestae, character or reputation, dying declaration, and evidence of former trial or convictions. Second semester, 2 credits.

257 Criminology  
The problem of crime and criminals; extent and cost of crime; the making of the criminal; the history of punishment; modern penal institutions with field trips to same; the machinery of justice. First semester, 2 credits.

**POLITICAL SCIENCE**

150 American Government and Politics  
A rapid survey of national and territorial political institutions and problems. Special emphasis on the duties and privileges of citizenship. Library fee, $1.00. First semester, 3 credits.

151 Governments of Europe and the Far East  
A survey of the governmental organization and politics of the states of Europe and of the Far East. Library fee, $1.00. Second semester, 3 credits.

170 International Relations and Organization  
The conflicts of nationality, imperialism, international trade and foreign policy; the development of international organization. Library fee, $1.00. Second semester, 3 credits.

171 Problems of Democracy  
A study of the problems of the modern democratic state; electoral problems, the direct primary, political propaganda, etc. First semester, 2 credits. (Not offered 1936-1937.)

200 Problems of the Pacific  
A survey of the most important political problems, both national and international, of the nations within the Pacific area. Prerequisites: Political Science 150, 151, or 170. First semester, 3 credits.

256 American Political Parties  
A study of the organization and methods of American political parties. Prerequisite: Political Science 150 or 171. Second semester, 2 credits. (Not offered 1936-1937.)

258 Conduct of American Foreign Relations  
A study of the organization of the diplomatic and consular service of the United States. Prerequisite: Political Science 150. Second semester, 2 credits.
Courses of Instruction

261 International Law
Bachman
The rules governing the intercourse of states in peace and war. Pre-requisite: Political Science 170. First and second semesters, 2 credits each. (Not offered 1936-1937.)

268 International Relations of the Far East
Bachman
A survey of the foreign relations of the nations of the Far East. First and second semesters, 2 credits each. (Not offered 1936-1937.)

271 Government of American Territories and Dependencies
Bachman
Legal status, federal control, governmental organization and political problems of the territories and dependencies of the United States with special emphasis on the government of Hawaii. Prerequisites: Political Science 150, 151. First and second semesters, 2 credits each.

401 Seminar in Far Eastern International Relations
Bachman
Prerequisite: senior or graduate standing and at least 15 hours of Political Science including Political Science 200 or 268. First and second semesters, 2 credits each.

310 Seminar in the History of Political Theory
George
Open to qualified seniors and graduate students. First semester, 2 credits.

400 Thesis Research
Staff
Graduate students engaged in the preparation of a Master’s thesis in Political Science will register for this course. Credits to be arranged.

PSYCHOLOGY

150 General Psychology
Tanner
An introductory course in psychology, offering a survey of the various aspects of human behavior. 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.

200 Reading or Research
Staff
Certain selected undergraduates may register in this course 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
(Described in Teachers College courses.)

252 Racial Psychology
Porteus
The nature and importance of racial differences as illustrated by a study of the psychology of a primitive race, and with special reference to racial research in Hawaii. Prerequisite: Psychology 150 or the equivalent. Second semester, 2 credits.

259 Child Psychology
Smith
(Described in Teachers College courses.)

267 Psychology and Treatment of Exceptional Children
Smith
(Described in Teachers College courses.)
268 Mental Hygiene
(Described in Teachers College courses.)

Smith

280 Social Psychology
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. Prerequisite: Psychology 150 or the equivalent. First semester, 2 credits.

Babcock

300 Reading or Research
An opportunity is offered for qualified Graduate students to work on research problems or do intensive reading in some field of Psychology. Registration only by permission of the staff member concerned. Either semester, credit to be arranged.

Staff

351 Advanced Educational Psychology
(Described in Teachers College courses.)

Livesay

361 Mental Deficiency and Abnormality
(Described in Teachers College courses.)

Smith

371 Experimental Child Study
(Described in Teachers College courses.)

Smith

REligion

All courses in religion taken in the Hawaii School of Religion* may be credited toward graduation from the University of Hawaii, with the approval of the student's dean. 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 is considered a written request for credit for such courses.

The following suggestions are made for the help of students considering work in the school: The general orientation courses, 100 and 101, are planned to meet the needs of Freshmen. Students interested in religion as a field of study should, if possible, take the survey course, 150, during the Sophomore or the Junior year. The other courses are designed to afford the student opportunity for following out his interests in particular aspects of religion.

100 Fundamental Problems
In this course an attempt is made to consider the contribution of religion and morals to human happiness. Open to Freshmen and Sophomores only. First semester, 1 credit.

Homan

101 Problems in Religious Thought and Practice
A study of the present problems in religious thought and practice, with special attention to the religious interests and problems of the members of the class. Open to Freshmen and Sophomores only. Second semester, 1 credit.

Homan

150 Introduction to Religion
A study of the meaning and nature of religion; brief historical backgrounds; an analysis of the educational, ethical, missionary, theological and worship functions of religion. First semester, 3 credits.

Homan

200 Old Testament Survey
A general survey of the Old Testament from a literary and philosophical viewpoint, with emphasis upon the practical values of the Old Testament for the life of today. First semester, 2 credits.

Mark

* The Hawaii School of Religion, though affiliated with the University, is independently supported and its affairs are managed by its own board of trustees.
Courses of Instruction

201 New Testament Survey
A general survey of the New Testament from a literary and philosophical viewpoint, with emphasis upon the practical values of the New Testament for the life of today. Second semester, 2 credits.

210 Great Religious Personalities
A careful study of some of the notable men and women in the field of religion; a character analysis of the people studied; a study of the contribution of each person to the life of today. A lecture course supplemented by selected readings. First semester, 2 credits.

211 Great Religious Literature
A study of some of the great religious literature of various periods. Biography, drama, fiction, essays and poetry are to be considered. Second semester, 2 credits.

250 Principles of Religious Education
A study of the historical background of present-day religious education; a careful consideration of principles of organization and administration; agencies of religious education; buildings and equipment; leadership training; and principles for the religious education of children, young people and adults. First semester, 2 credits.

251 Materials and Methods of Religious Education
A study of the materials and methods of religious education for worship, instruction, service and fellowship; an examination of modern educational principles and methods as they may be applied to religious education. Second semester, 2 credits.

252 Life and Teachings of Jesus
A study of Roman and Jewish culture at the time of Jesus, an investigation of the gospel records, and a presentation of events and teachings of Jesus in accord with present scientific and philosophic standards. Second semester, 3 credits.

254 Historical Development of the Bible
A survey course designed to acquaint the student with the facts which historical, archaeological and literary research have discovered regarding the origin and development of the Hebrew and Christian Scriptures. No credit for students receiving credit for English 213. First semester, 2 credits. (Not offered 1936-1937.)

259 Ethics and Religion
This course is designed to give the student a basic knowledge of the principles of human conduct, an understanding of the salient ethical issues in modern life and a method of forming rational decisions concerning current personal and social problems. The relation of religion to ethics is investigated in the attempt to find the validity of religious ethics for modern life. First semester, 2 credits.

261 Psychology of Religion
This course seeks to analyze religion from the functional point of view. It does not concern itself primarily with any particular religion, but analyzes religious behavior so that the psychological aspects become more clear. It deals with evidences of religious conduct as found in everyday life, as well as with specific actions that always have had a religious name. Prerequisite: Psychology 150 or its equivalent. First semester, 2 credits.

264 Modern Religious Movements
In this course an attempt is made to understand and evaluate the various tendencies in the religions of the world and their relation to the
social, economic and cultural forces at work in modern society. Lectures on the recent trends are supplemented by selected readings in current literature. Each student will select one type of religion for special study. Second semester, 2 credits.

265 Modern Christian Thought
Homan
A study of the current issues in Christian thought produced by the impact of science, philosophy, industrialism and internationalism. Special attention is given to modern attitudes toward God, Jesus, prayer, conversion, the Bible, the Church and immortality. Second semester, 2 credits.

270 History of Religion
Powers
A brief survey of the great, living religions of the world, emphasizing the influences of religion upon past and present civilization. First semester, 2 credits.

RUSSIAN

100 Elementary Russian
Carr
First semester: A practical phonetic introduction followed by direct-method teaching of every-day Russian. Second semester: Reading of Tolstoy's stories in Harper's Russian Reader (University of Chicago Press). Emphasis on both pre- and post-Revolutionary realia. First and second semesters, 3 credits each.

101 Intermediate Russian
Carr
Reading of selected shorter works of Pushkin, Gogol, Tolstoy, Dostoevsky, Chekhov, and contemporary writers. Newspaper reading. First and second semesters, 3 credits each.

SOCIOLOGY

150-151 Introduction to the Study of Sociology
Lind
An orientation course. First semester: The nature of the moral order including custom, friendship, marriage and the family, kinship, magic, and religion. Second semester: the political and competitive orders, including the growth of the state, indigenous society and the world community, world politics, and world religion. Lectures, readings, discussions, and field study. First and second semesters, 3 credits each.

252 The Community
Lind
A background for the study of community problems. The processes affecting the growth of the local community. The role of various institutions, the family, church, school, and other social agencies. Patterns of delinquency and dependency within the community. Field trips in Honolulu and neighboring communities. First semester, 3 credits. (Not offered 1936-1937.)

253 Rural Sociology
Lind
The organization of life in the rural environment. The group behavior, movements, and institutions which are peculiarly rural. The nature and organization of the plantation community with special reference to Hawaii. Field trips. Second semester, 3 credits.

255 Social Pathology
Lind
The factors in contemporary society which condition personal and social disorganization. An introduction to the problems of crime, delinquency, dependency, degeneracy, and defectiveness. Special attention will be directed to the sociological aspects of these problems in Hawaii. Second semester, 3 credits.
Courses of Instruction

256 Race Relations in Hawaii
A summary of research findings relative to race relations in Hawaii. Interracial marriage and the amalgamation of the races. The persistence of old world traits and the assimilation of American patterns. First semester, 3 credits.

257 The family

268 Human Migrations
The factors affecting the movement of peoples in contemporary society. The resultant racial and cultural contacts. The role of migration in civilization building. Migration and the person. The use of quantitative and life history materials in the study of migrations. Prerequisite: Sociology 150-151. First semester, 3 credits.

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: Sociology 150-151. Second semester, 3 credits.

270 Population and Society

272 Collective Behavior

276 Principles of Sociology
A consideration of the fundamental concepts of the field of sociology with special reference to the processes of competition, conflict, accommodation, and assimilation. The place of sociology among the social sciences. Prerequisite: Consent of instructor. Second semester, 3 credits. (Not offered 1936-1937.)

280-281 Individual Research in Sociology
Open to advanced students of sociology capable of pursuing local research problems under guidance of the staff. First and second semesters. Registration by permission. Credit to be arranged.

282-283 Directed Reading in Sociology
Designed for advanced students of sociology desirous of acquainting themselves with the literature of the field. First and second semesters. Registration by permission. Credit to be arranged.
285 The Sociology of the Frontier

294-295 A General View of Social Work
The principles underlying social work as revealed by social work practice. The considerations of certain undesirable social conditions and the local organizations that attempt to meet their need. Causes of these social conditions and possible preventive measures. Readings, discussions, analysis of reports, field studies of social conditions and organizations and institutions. Prerequisite: Sociology 150-151. First and second semesters, 3 credits each.

296-297 Methods in Social Case Work
The purpose of the course is to develop a technique in the investigation, diagnosis, and treatment of social work cases. Open only to those who are doing work under the direction of some social agency. Readings for principles of social case work. Discussions of illustrations of the work of the students actually accomplished on the field. First and second semesters, 3 credits.

350-351 Race and Culture Contacts in Hawaii
A seminar course including lectures relating to race relations research. Intended for students engaged in the study of race and culture contacts in Hawaii. Open to senior or graduate students with permission of instructor. First and second semesters, 2 credits each.

400 Thesis Research
Research technique and the preparation of the thesis. Required of all candidates for the advanced degree. Hours and credits to be arranged. Both semesters.

SPANISH

100* Elementary Course
Conversation and dictation. Both Castilian and Latin-American pronunciation taught. First and second semesters, 3 credits each.

101* Contemporary Spanish Literature
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

251* Advanced Spanish Seminar
Rapid reading of modern Spanish novels, plays and current periodicals. Lectures and discussions. Individual research and reports on assigned topics. Prerequisite: Spanish 250. Second semester, 2 credits.

252* Modern Spanish Novel
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 1936-1937.)

253* Modern Spanish Drama Pecker
Rapid reading of modern Spanish plays, with continued work in composition, diction, and conversation. This course alternates with Spanish 251. Prerequisite: Spanish 252. Second semester, 2 credits. (Not offered 1936-1937.)

SUGAR TECHNOLOGY

In addition to the courses outlined below there are other Sugar Technology courses listed in the Chemistry and Agriculture Departments.

201 Sugar Analysis Dillingham
Laboratory and lecture course intended to fit the student for the position of chemist in a sugar-house laboratory, or to give him a good working knowledge of chemistry as applied to the manufacture of raw and refined sugar. Among the topics taken up are the theory and construction of the polariscope and the refractometer, the calibration and testing of laboratory apparatus, general laboratory routine, the fitting out of a sugar laboratory, and 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 or 230. Required of Juniors in Sugar Technology. One lecture and two laboratory periods a week. Laboratory fee $7.00 per semester. First and second semesters, 3 credits each.

250 Sugar-House Calculations Dillingham
A lecture and recitation period in which instruction is given in sugar-house calculations, in working out problems involving the yield and losses ordinarily encountered in actual factory work, and in making out typical laboratory reports such as are required by plantations in the Hawaiian Islands. Prerequisite: S. T. 201 and 253. Seniors in Sugar Technology. First semester, 1 credit.

252 Sugar Manufacture McAllep
A series of lectures and recitations on the manufacture of sugar, taking up in detail a discussion of the various types of machinery and apparatus employed in the best modern factories and the principles involved in their use, embodying such topics as multiple milling, the effect of various types of roller grooving, pressure and maceration on extraction, clarification of juices, multiple effect evaporation, the economical use of steam, sugar boiling, crystallization in motion, and the curing, drying, and preparation of sugars for the market. Though this is primarily a course for cane sugar men, a brief description of the methods employed in beet sugar manufacture and refinery practice is also given, together with a discussion of the various processes for making white sugar direct from the cane. Required of Seniors in Sugar Technology. Prerequisite or parallel: S. T. 201. Three hours a week classroom. First semester, 3 credits.

253 Summer Practice Dillingham
During the summer vacation between the Junior and Senior years, students in Sugar Technology will be required to spend at least four weeks in practical field or mill work. Those taking field work become student assistants in the Experiment Station of the Hawaiian Sugar Planters' Association. Those taking factory work enter one of the mills,
where they are under the direction of the manager and work at various stations under regular factory conditions. Academic credit for this will be granted on the presentation of a satisfactory report in duplicate. Prerequisite: S. T. 201. 6 credits.

255 Field Practice

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 year in the University of Hawaii is necessary.

256 Heat in the Sugar Factory

Calculations and lectures on quantitative head relations in the cane factory, including calculations of the heat available in the bagasse, the heat utilized for developing power and for boiling house operations, and the influence of variables, on the heat balance in the factory. Required of Juniors in Sugar Technology. Prerequisite or parallel: S. T. 201. Second semester, 3 credits.

257 Factory Practice

Seniors in the Chemistry Division may spend the second semester of the 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 year in the University of Hawaii is necessary.

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, but also to the processes by which that knowledge has developed. The subject matter will be drawn from the fields of anthropology, astronomy, botany, chemistry, climatology, geography, geology, paleontology, physics, and zoology. The course is planned primarily for Freshmen in (a) the Social Science, and (b) the Language, Literature, and Art groups of the College of Arts and Sciences, and (c) Freshmen in Teachers College. Students may be admitted at the beginning of the second semester only by permission of the instructor. Library fee, $1.00 per semester. Three lectures a 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 $2.00. Two lectures a week. Second semester, 2 credits. (Offered 1936-1937.)
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.

Undergraduate students majoring in Entomology are required to take the following courses: Zool. 150, 151, 170, 173, 260, 261, 291 and Agr. 254. Those contemplating continuing either in the Graduate School of Tropical Agriculture or in the Graduate Division in the field of Entomology will be required to have the above courses in addition to 8 credits in Chemistry, 8 credits in Physics and 6 credits in Botany or their equivalents before they will be admitted to candidacy for advanced degrees.

150 General Zoology

An introductory course covering in a general way the field of animal life. Biological principles are presented and a study of the structure, development, relationship, distribution, and economic importance of animals is made. Required of pre-medical students. Two lectures and two laboratory periods a week. Laboratory fee $5.00. First semester, 4 credits.

151 Comparative Anatomy of Vertebrates

A continuation of Course 150, including a comparative study of the systems of organs of typical vertebrates. Structural relationships of the various groups are emphasized and the progressive development from the lower to higher forms pointed out. Prerequisite: Zoology 150. Required of pre-medical students. Two lectures and two laboratory periods a week. Laboratory fee $5.00. Second semester, 4 credits.

160-161 Mammalian Anatomy

A laboratory course primarily for pre-medical students involving the careful dissection of a typical mammal. Prerequisites: Zoology 150 and 151. Two laboratory periods a week. Laboratory fee $6.00 per semester. First and second semesters, 2 credits each.

170 General Entomology

An introductory course in the study of insects, involving studies on structure, habits, biology and classification. Emphasis is placed on those insects characteristic of Hawaii. It is the course for those expecting to take further work in Entomology or planning to teach the natural sciences. Prerequisites: Biology 135 or Zoology 150 or Botany 101. Two lectures and one laboratory period a week. Laboratory fee $2.00. First semester, 3 credits.

173 Agricultural Entomology

This course is primarily for students interested in General Agriculture, Sugar Technology and in teaching Agriculture. All the important insects concerned with agricultural crops are studied by lecture, demonstration and reference work. The student is acquainted with sources of current information and those organizations concerned with the investigations of these insects. Prerequisites the same as for Zoology 170. Two lectures and one laboratory period a week. Laboratory fee $2.00. Second semester, 3 credits.
174 Insects Affecting the Health of Man and Domestic Animals  
Schmidt  
A course involving those insects which are directly injurious to or act as vectors of disease of animals. Studies are made of the role of sanitation in the regulation of these insects. Emphasis is placed on their habits, distribution and control measures. Prerequisites the same as for Zoology 170. Two lectures a week. First semester, 2 credits.

180-181 Animal Ecology  
Edmondson  
A course in which the relation of organisms to their environment is emphasized. Prerequisites: Zoology 150 and 151 or Biology 135 or Botany 101. Two lectures a week and one period to be arranged for laboratory, field or library work. Lectures given in Dean Hall, laboratory work at the Marine Biological Laboratory, Waikiki. Laboratory fee $2.00 per semester. First and second semesters, 3 credits each.

210 Zoological Seminar  
Zoological Staff  
Presentation of seminar reports, reports upon research, or reviews of current zoological literature. Recommended for Juniors, Seniors and Graduates; may be taken repeatedly. One recitation hour a week. First and second semesters, 1 credit each.

251 Cellular Biology  
Hamre  
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, 151 and 260. Open to Junior and Senior students. Second semester, 2 credits.

253 Parasitology  
Schmidt  
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. Prerequisites: Zoology, 150 and 151. Open to Juniors and Seniors. One hour recitation and two laboratory periods. Laboratory fee $4.00. Second semester, 3 credits.

254 Insect Morphology  
Schmidt  
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. Prerequisite: Zoology 170. Two laboratory periods a week. Laboratory fee $2.00. First semester, 2 credits.

255 Systematic Entomology  
Schmidt  
History, nomenclature, classification, and taxonomic practice. Students may select a particular group and make a private collection. Prerequisite: Zoology 254. Two laboratory periods a week. Laboratory fee $2.00. Second semester, 2 credits.

257 Plant Quarantine and Inspection  
Fullaway  
This course is offered in cooperation with the staff of Entomologists of the Territorial Board of Agriculture and Forestry. Students are placed under the supervision of the Plant Quarantine Service and receive practical experience in plant inspection. They receive instruction in the laws and regulations, in ship and cargo inspection and in practical laboratory work. Prerequisites: Zoology 254 and 255. One lecture and two laboratory periods per week. Second semester, 3 credits.
Courses of Instruction

260 Histology
Hamre
A laboratory and lecture course in the study of tissues, principles of histology and microscopic anatomy of organ systems of a limited number of vertebrate animals. Prerequisites: Zoology 150 and 151. Laboratory fee $5.00. First semester, 3 credits.

261 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. Laboratory fee $5.00. Second semester, 3 credits.

262 Microtechnique
Hamre
A laboratory course involving the fixing, staining and mounting of animal tissues. Prerequisite: Zoology 260. Two laboratory periods a week. Laboratory fee $8.00. First semester, 2 credits.

270 Systematic Zoology
Edmondson
A systematic survey of the invertebrate and vertebrate fauna of Hawaii (exclusive of insects) in which structure, phylogenetic relationships and distribution are emphasized. Attention may be concentrated on one or a few groups, if desirable. Prerequisite: Two years of zoological work. Hours and credits to be arranged. Laboratory fee, $1.00 per credit hour. First and second semesters.

284 Theoretical Zoology
Miller
A consideration of basic biological concepts, their historical and recent development, supporting evidence, and applications, with special reference to heredity and organic evolution. Open to Juniors and Seniors. Two lectures a week. First 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
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. Laboratory fee not less than $5.00 per semester.

301 Principles of Applied Entomology
Schmidt
A survey of problems in economic entomology from the standpoint of history as well as recent advances. This course will be given in collaboration with members of the Graduate School of Tropical Agriculture and others. Prerequisite: Zoology 254-255 or consent of instructor. Three lectures per week. First and second semesters, 3 credits each. Hours to be arranged.

400 Thesis Research
Staff
Students engaged in the preparation of the Master's thesis will register for this course. Credits to be arranged.
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 the 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 the Teachers College.

ARITHMETIC

150 The Teacher's Financial Problems Tanner
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. Attention is given to investment of savings. First and second semesters, 2 credits.

ART

250 Applied Art for the Primary Years Fisher
This course is intended to provide working knowledge of the various common tools and materials and of the processes in which they are employed. Emphasis upon work of the primary years. Two two-hour periods a week. First or second semester, 2 credits.

251 Applied Art for the Upper Elementary years Fisher
A course similar to the one above, with emphasis upon work of upper elementary years. First or second semester, 2 credits.

252 Applied Art for the Secondary School Years Fisher
A course designed to provide the secondary school teacher with the techniques of art instruction in the secondary school program. Attention is given to tools, materials and processes of crafts. First or second semester, 2 credits.

BIOLOGY

135 Biology Brown
An introductory course in biology, offering a general survey of the underlying principles of the plant and animal kingdoms. A study is made of the structures, relationships, distribution, and economic importance of selected types of plants and animals leading from the lower to the higher forms. First and second semesters, 2 credits. Laboratory fee $1.00.

236 Nature Study Brown
A course designed primarily to acquaint future teachers with suitable and available materials for use in elementary science in the grades. The work will center about the following: (1) observation of selected plant and animal forms; (2) availability, cost and importance of equipment; (3) care of plants, seedlings, glass and dish gardens, aquaria, etc.
Courses of Instruction

Prerequisite: Biology 135 or its equivalent. (Not open to students who have had Nature Study 136 or 160-161.) First or second semester, 2 credits.

240 Biology
Brown
A general course in elementary biology designed especially for teachers in service, in which the fundamental biological principles underlying the plant and animal worlds will be stressed. The morphology, physiology, and ecology of selected type specimens leading from the lower to the higher forms, will be studied in the laboratory and field. Not open to students having had Biology 236, 250 or 251. First and second semesters, 2 credits each.

250-251 Nature Study
Brown
An advanced course in nature study for teachers in service. A general survey of plants and animals with special reference to island forms as related to their physical and biological environment, followed by an adaptation of the information gained to the themes of home, community, people, food, clothing, shelter, and industry. Prerequisite of the following courses: Biology 136, 160, 161, or 236. (Not offered 1936-1937.) First and second semesters, 2 credits each.

DENTAL HYGIENE

200 Tooth Morphology
Bickerton
The course provides an opportunity for each student to carve a full complement of models; of anterior and posterior teeth showing general form, cusps, planes and angles. First and second semesters, 1 credit each.

235 Dental Operative Technique
Bickerton
Instruction and practice work on manikin heads in the technic of instrumentation and polishing. The proper manipulation of instruments for the removal of accretion, deposits and stains, and the use of all instruments in the field of dental hygiene are mastered. First and second semesters, 1 to 3 credits.

251 Dental Anatomy
V. Smith
A study of the anatomical and chemical structure of the teeth, anatomy of bones forming the oral cavity, soft palate, throat, muscles of mastication, lip, tongue, floor and other boundaries of the oral cavity. Second semester, 3 credits.

252 Dental Prophylaxis
Conner
A study of the prophylactic treatment of the mouth with special attention to those measures which can be employed to prevent or to arrest dental caries and adjacent-tissues, degeneration. The tooth brush, its selection, sterilization and use are also considered. Second semester, 1 credit.

254 Clinical Practice
Bickerton
This course consists of 9 weeks of concentrated clinical prophylactic practice under supervision. Second semester, 8 credits.

256 Dental Caries
A consideration of the causation, progress and sequelae of caries. Preventive measures. Composition, location, differentiation and causes of accretions, deposits and stains found upon the teeth. Their harmful results and preventive measures. First semester, 2 credits.
258 Dental Histology
A course embracing the sequential steps in the formation of the primary tissues. Special consideration will be given to the study of the origin and classification of dental tissues, enamel, dentine, cementum, pulp and all the soft tissues of the oral cavity. Microscopical examinations, drawings and slides will be used as means of illustration. First semester, 1 credit.

260 Oral Pathology
The fundamentals of general pathology and its specific application to the diseases of the mouth. Mouth manifestations of communicable diseases. Alveolar abscess, fistulae, glandular involvement. Granulomas and systematic involvement—pyorrhea, gingivitis; diagnosis, causes and prognosis. First semester, 1 credit.

262 Materia Medica
A study of the derivation and effects of the drugs most commonly used in dentistry. A general discussion of the relative values of germicides, anticeptics, and disinfectants; analysis of the formulae of dentifrices and mouth washes. First semester, 2 credits.

264 Malocclusion and Radiography
Etiology, individual mal-posed teeth and Angle’s classification are features of this course. The student is also made familiar with the X-ray machines, tubes, radiographs. Lantern slides, models, etc. are used for illustration. First semester, 3 credits.

EDUCATION
Basic Courses

100 Introduction to Education
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 student’s program. These courses are constructed around practical professional problems beginning with those closest to the entering student and remaining so 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. First and second semesters, 3 credits each.

180 Problems of Human Behavior
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 of social psychology. The course is continuous with 100 described above. First semester, 3 credits.

181 Problems of Educational Method
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. Second semester, 3 credits.

Comparative Education and Curriculum

280 The Kindergarten Curriculum
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.
Courses of Instruction

282 The Primary Curriculum

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 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 semester, 3 credits.

285 The Elementary School Curriculum

This course deals with the most technical problems with which the teacher has to work—those of curriculum building in the classroom. 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" program are studied. Second semester, 3 credits.

293 Comparative Education

A study of education in foreign countries. Consideration will be given to the present-day social situation of countries in Europe, the Orient, the Antipodes, and the Americas as a basis for educational practices, stressing comparisons with practices in the United States. First or second semester, 2 credits.

Educational Psychology

250 Educational Psychology

This course deals with psychological principles underlying the educative process, and includes such topics as native endowment, transfer of training, individual differences, sex differences, and habit formation. Prerequisite: Psychology 150 or the equivalent. First semester, 3 credits.

259 Child Psychology

A study of the mental, emotional and social development of the child from infancy to adolescence in order better to know the interests and abilities to be expected of a child at different ages. Second semester, 3 credits.

267 Psychology and Treatment of Exceptional Children

The psychological and educational aspects of problems presented by various types of exceptional children are studied. Detailed consideration is given to the adjustments in curricula and method desirable in work with such children. Prerequisite: Psychology 150 or the equivalent. Second semester, 3 credits.

268 Mental Hygiene

A study of the factors that determine personality and the conditions requisite to the preservation of mental health and a happy social adjustment. Applications of mental hygiene to problems of family relationship and the reconstructing of personality and behavior problems are also considered. First or second semester, 2 credits.

351 Advanced Educational Psychology

The application of experimental evidence in the field of psychology to the major educational problems. Attention is given to the bearing of recent psychological theories upon education. Registration only by permission of instructor. First or second semester, 2 credits.

361 Mental Deficiency and Abnormality

A consideration of the causes and principal types of deficiency and abnormality. This course is designed to aid 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

Smith

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

Educational Philosophy and Method

251 Principles of Secondary Education

Livesay

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; and values of the various secondary school subjects are some of the major topics considered. Prerequisite: Education 250. Second semester, 3 credits.

340 Philosophy of Education

Sayers

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, followed by an attempt to construct a working theory of education—of administration, curriculum, method— which will serve best in a democracy. Registration by permission of the instructor. First or second semester, 3 credits.

345 Seminar in Philosophy of Education

Sayers

Advanced study of controversial problems in education. Open to a limited number who have earned from 2 to 4 credits in Education 340. First and second semesters, 2 credits each.

395 Seminar for Probationary Teachers

Livesay, Sayers

A course designed for fifth year probationary student teachers dealing with problems of classroom procedure. Organized in sections for elementary and secondary fields. First or second semester, 2 credits.

History of Education

295 History of Education in the United States

Gordon

A study of the evolution of American education; to prepare teachers in training and students of the science of education to use the historical method in interpreting current educational movements. First or second semester, 2 credits.

296 History of Education in Hawaii

Wist

Education in primitive Hawaii, under missionary control, under monarchical control; development of private educational institutions and of higher educational facilities. First semester, 2 credits.

297 Hawaiian Educational History in Modern Times

Wist

Beginning with the period of the Republic of Hawaii the historical events which have influenced education in Hawaii will be traced: Immi­gration, the Organic Act, Modern Legislation, Foreign Language Schools, Secondary Education, Federal Survey and the development of Higher Education will be topics stressed. Second semester, 2 credits.

350 History of Education

Tanner

A survey of the development of educational thought and practice, from the time of the Greeks down to the present, with special attention
Courses of Instruction

to the origins of the influences responsible for the modern school systems. Registration only by permission of instructor. First or second semester, 3 credits.

Measurement and Research

260 Statistical Method
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
A study of the common errors in teachers' marks and ways of improving such marks; the use of standard educational and mental tests in school work with practice in scoring such tests and in interpreting the results; and the criteria by which to judge tests. Open to both elementary and secondary groups. Second semester, 3 credits.

300 Reading or Research
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 members concerned. Either semester, 1 to 3 credits, depending upon the nature of the work.

380 Seminar in Research and Thesis Writing
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.

400 Thesis Research
Graduate students engaged in the preparation of a Master's thesis in education will register for this course. Credits to be arranged.

Educational Sociology

291 Adult Education
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
An examination of those factors and situations within the contemporary school and community which play a large part in influencing man's behavior, in order to discover the conditions within which a better education may be developed. First or second semester, 2 credits.

Educational Administration

363 Educational Administration
This course is designed for both teachers and prospective administrators in elementary and secondary education. 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. Registration only by permission of instructor. Second semester, 3 credits.

390 School Organization and Management
Scott
A course designed for fifth year students dealing with the many routine problems of school administration and the teachers' relationship to them. First or second semester, 2 credits.

Practice Teaching

135 Participation in Teaching
Students are assigned as assistants to classroom teachers in Kawananakoa Experimental School and other schools for two hours a week. Designed to give the student experience that will aid him in selecting the type of work he will prepare for, and to provide illustrative experience to accompany the course in Problems of Behavior and Problems of Educational Method. First and second semesters, 1 credit each.

235 Participation in Teaching
A continuation of Education 135. The course is designed for students in the third year of teacher preparation. The participation teaching is done in Kawananakoa Experimental School, each student being assigned to the grades of his selected curriculum. First and second semesters, 1 credit each.

253 Practice Teaching in Home Economics
Bazore
Practice teaching for qualified students is arranged in Honolulu secondary schools under the direct supervision of Home Economics teachers in the Department of Public Instruction. The course consists of a short observation period followed by the teaching of a Home Economics class 5 days a week with an additional one hour weekly conference period. This course is required of all students expecting to teach Home Economics and is open only to seniors and graduates. Prerequisite or parallel H. E. 251. First or second semester, 8 credits.

254 Practice Teaching
Caro
Practice teaching in Teachers College Elementary and Intermediate School done under the supervision of staff members. The practice teaching consists of nine weeks of intensive fulltime teaching. First or second semester, 8 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.

354 Probationary Teaching
Livesay, Sayers
This course consists of full-time teaching under supervision in selected public schools. Required of all fifth year students. First or second semester, 14 credits.

Vocational Education

270 Agricultural Project Work
Armstrong
A study of the project as an educational devise in agriculture; selecting home projects; correlating project work with classroom instruction; making project plans; project records and accounts; project sum-
Courses of Instruction

maries and reports. Each student will be expected to spend considerable time in checking over records of successful projects. Second semester, 3 credits.

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

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.

English

103 General English
Coale
The first of a two year series of courses covering work in composition and literature as correlated subjects. Attention is given to the development of informational background, critical standards, personal appreciation, and consistent habit. Oral expression and other professional aspects receive emphasis. First and second semesters, 3 credits each.

135 General English
Kluegel
A continuation of English 103. First and second semesters, 3 credits each.

237 English in the Secondary School
Coale
A course dealing with the teaching of English in the junior high school years. Work in reading and literature is treated during the first semester, and work in language and composition during the second semester. First and second semesters, 2 credits each.

264 Creative English in the Elementary School
Coale
A study of functional language activities, with emphasis upon typical forms of expression, elements of effectiveness, conditions of learning, and organization of curriculum units. First or second semester, 2 credits.

265 Remedial English in the Elementary School
Coale
A study of the problem of usage and speech deficiencies in Hawaii, and of means for the discovery and treatment of specific problems. Special attention is given to systematic investigation and attack. First or second semester, 2 credits.

270 Literature for the Kindergarten-Primary Years
Kluegel
A course designed to acquaint the student with literature suitable for children of the kindergarten and primary years. First semester, 1 credit.
271 Literature for the Upper Elementary Years Kluegel
A survey of literature suitable for children of the upper years of the elementary school. Second semester, 2 credits.

GEOGRAPHY

261 Occupational Geography Jones
This course consists of a series of problems based upon the occupational life of the peoples of the world, from the standpoint of adaptations to the natural environment. Available sources of material for children of the elementary schools will be considered. First or second semester, 3 credits.

262 Hawaiian Geography Coulter
This course is designed to interpret the economic activities of the people of Hawaii today, as explained by the natural environment. Consideration will also be given to social factors, and relationships between Hawaii and other Pacific countries. Available source material for both adults and children will be examined. First semester, 2 credits.

263 Geography of Pacific Islands Coulter
The human and economic geography of Polynesia (except Hawaii), Melanesia, Micronesia and the Philippines. Second semester, 2 credits.

LIBRARY SCIENCE

262 Organization and Administration of School Libraries Geiser
A course dealing with two aspects of school library service: (a) the relation of the library to the school program, and (b) the essentials of library organizations. First and second semesters, 2 credits each.

268 Cataloguing and Classification Geiser
A study of the principles of dictionary cataloguing, including the Dewey Decimal classification, simple subject heading work, and practice in the cataloguing and classifying of children's books. First semester, 2 credits. (Not offered 1936-1937.)

280 Book Selection Geiser
The evaluation and choice of books for school libraries. The work will include the selection of books from the point of view of their usefulness in relation to the curriculum and recognition of the qualities in books which appeal to various types of children. Standard book selection aids will be examined. Reading of typical books selected from school lists will be required. Second semester, 2 credits. (Not offered 1936-1937.)

264 School Library Practice
Students are assigned as assistants to school librarians in the public schools thus providing an opportunity to participate in the actual work of the school library. Either semester, 2 to 4 credits.

MUSIC

152 Fundamentals of Music Kahananui
Designed as a basic course for professionalized courses which follow. The work will include music reading in unison and parts, melodic and harmonic dictation, and a study of music theory. First and second semesters, 1 credit each.

250 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; the integration of music with other
Courses of Instruction

subjects in the curriculum with a view to developing an understanding of music as education. Four meetings a week. First semester, 2 credits.

251 Music for the Kindergarten-Primary Years Kahananui
A study of music 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 study of the child voice and its care. Second semester, 2 credits.

252 Music in the Secondary School Kahananui
This course will be organized around music problems common in the vocal program of the secondary school; such as—voice classification, the place of music reading, choral and glee club work, integration with other subjects, selection of material for integration with a view to satisfying the musical and emotional needs of the adolescent child. The material will include songs and recorded music. A program of music, based on several units of work will be outlined and discussed, to show concretely, the possibilities of integration, and to point to concommitant outcomes of the music program. Second semester, 2 credits.

261 Music History to 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 and assigned readings, the growth of music in relation to environment, and as influenced by changing civilization, will be traced. Second semester, 2 credits.

262 Classicism and Romanticism in Music Kahananui
A comparison will be made between the development of art, literature and music as influenced by environment. This will involve reading representative pieces of literature, viewing outstanding art contributions (painting, sculpture, architecture) and listening to the music of representative composers. First semester, 2 credits.

263 Twentieth Century Music (Rhythmic-Atonal Age) Kahananui
A survey of the social and political background which has influenced the development of 20th century art (painting, literature, music). A brief study of the painting and literature of the day will be made to innovations of modern composers. Second semester, 2 credits.

264 Choral Conducting Kahananui
A study of the technique of the use of the baton through observation and participation in the conduct of an intermediate school chorus. Conferences will be held when necessary to discuss specific problems which may arise in the practical work. First semester, 1 credit.

265 Conducting Instrumental Groups Hancey
This course provides supervised practical experience in methods of conducting and teaching beginning instrumental classes. The prospective teacher will first observe and then teach a beginning instrumental class in the Teachers College Intermediate School. Special emphasis will be given to the use of the baton through observation, practice and conferences with the supervisor. Second semester, 1 credit.

266 Band Hancey
A study of standard overtures, light concert and military band music. Concerts will be given and music provided for military, athletic and other campus functions. First or second semester, four hours, 2 credits.
267 Concert Orchestra

This course will include a study of overtures, concert selections, accompaniments and light symphony. Members will be required to play at all public appearances of the orchestra. Open to advanced students by permission of the director. First or second semester, 2 credits.

268 Band and Orchestra Methods

A study of the various band and orchestra instruments, their character and the essential points in the teaching of them. Each member of the class will be taught to play simple forms of music on at least two instruments per semester. This course will also familiarize the prospective band or orchestra teacher with instructional material suitable for elementary bands and orchestras. The course will also provide opportunity for observation in methods of teaching and conducting elementary instrumental groups. First semester, 2 credits.

269 Problems of the Instrumental Music Teacher

A discussion of the problems of the instrumental music teacher in organizing, teaching and developing bands and orchestras in the elementary and secondary grades. 2 hours, 2 credits. (Not offered 1936-1937.)

PHYSICAL AND HEALTH EDUCATION

135 Hygiene

A study of the organs of the human body with special emphasis placed upon their functions and care. The aim of the course is to give prospective teachers a physiological basis for a better understanding of their health, the hygienic problems important to the interests and needs of the community, the physical development of children. First and second semesters, 1 credit each.

220 Physical and Health Education in the Kindergarten-Primary Years

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 a week. First and second semesters, 1 credit each.

222 Physical and Health Education in the 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 a week. Open to women only. First and second semesters, 1 credit each.

223 Physical and Health Education in the Upper Elementary Years

This course is similar to 222 except that it will make more of a study of boy's athletics and give practice in these. Open to men only. First and second semesters, 1 credit each.

224 Physical and Health Education in the Secondary School Years

A course designed for prospective teachers of physical education and health in the secondary schools, with emphasis upon suitable activities for children of adolescent age. First or second semester, 2 credits.
Courses of Instruction

PRACTICAL ARTS

270 School and Home Gardening  
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. Second semester, 1 credit.

SCOUTING

240 Boy Scouting  
A course devoted to education for boy scout leadership. Second semester, 2 credits.

283 Girl Scout Training Course  
Tenderfoot, second class, and first class badge requirements will be presented. Visits to Girl Scout troops and outdoor trips will be features of the course. Limited to Junior and Senior women. Second semester, 2 credits.

SOCIAL SCIENCE

135 Social Science  
This course is intended to develop a fuller appreciation of current issues of American life; of the factors that have played a part in their evolution; and their relation to the curriculum. First and second semesters, 2 credits each.

251 Social Science in the Secondary School  
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  
An attempt 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.

290 Traffic Safety Training  
This course has been planned to meet the increasing demand for teachers trained in the fundamental principles of traffic safety. First and second semesters, 2 credits each.
Chief emphasis in this Graduate School is placed upon the giving of individual guidance and instruction to a limited number of students who have an adequate knowledge of the sciences fundamental to the field in which they will pursue a major research problem. As a general rule, these are students who have the Master's degree or who have done professional work beyond the Bachelor's degree in the chosen field. Such individuals devote most of their time to personally supervised research work rather than the taking of organized courses of study.

The School does, however, offer a few seminar* courses for the benefit not only of its graduate students but the members of the research staffs of the several cooperating institutions, as well. The following courses are offered for the immediate future, and are open to any graduate student or staff member subject to consent of the instructor.

**BOTANY**

**Plant Pathology**

303 *Plant Pathology Seminar* Linford
The plan of this seminar is to review the present knowledge in selected fields of plant pathology. A topic will be selected which is agreeable to those interested. First semester, 1 credit. Tuesday, 4:00 P. M.

304 *Research in Plant Pathology* Linford
Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor. Both semesters. Hours and credits to be arranged.

**Plant Physiology**

305 *Absorption and Movement of Water in the Plant* Beaumont
A seminar course dealing with the question of availability, absorption and movement of water in the plant together with some effects of water on plant growth and development. First semester, 1 credit. Hours to be arranged. (Offered 1936-1937.)

306 *Mineral Nutrition* Sideris
The aim of this seminar is to discuss the outstanding current publications bearing on the question of absorption of the essential and accessory elements for plant growth. Second semester, 1 credit. Hours to be arranged. (Offered 1936-1937.)

307 *The Synthesis of OrganicMaterials* Nightingale
This course, conducted as a seminar, will be concerned with factors affecting the synthesis or organic materials, such as proteins, sugars, and starches. First semester, 1 credit. Hours to be arranged. (To be offered in 1937-1938.)

* The attention of students is called to courses listed in the regular University Catalogue which carry credits, including the following seminars:

- Botany 210. Botanical Seminar Botany Staff
- Zoology 210. Zoological Seminar Zoology Staff

1 credit each semester.

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308 Relations of Microorganisms to Physiology of the Plant  Allen
A seminar course dealing with the literature pertaining to (a) the effects of microorganic populations in the soil upon plant growth and metabolism, (b) the influences exerted on the plant by certain beneficial and non-beneficial types of microorganisms existing in the plant tissue, and (c) the basic physiological aspects of plant immunity and susceptibility to disease. Second semester, 1 credit. Hours to be arranged. (To be offered in 1937-1938.)

350 Research in Plant Physiology  Plant Physiology Staff
Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor. Both semesters. Hours and credits to be arranged.

351 Plant Physiological Literature  Plant Physiology Staff
Required of students taking course 350. The aim of the course is to encourage exhaustive studies on certain topics of advanced Plant Physiology. Both semesters. Credits will be arranged.

CHEMISTRY

302 Research in Chemistry  L. N. Bilger
Open to qualified students in the Graduate School of Tropical Agriculture with permission of instructor. Hours and credits to be arranged.

310 Seminar: Chemical and Physical Studies in Biological Fields  L. N. Bilger
Recent advances in physico-chemical, organo-chemical, and analytical problems in biological processes. Topics to be included are potentiometric measurements, radiations and chemical change, asymmetric molecular structures, chemical composition of biological substances, and spectro and X-ray methods of analysis. Prerequisite: one year of Physical Chemistry or special arrangement with instructor. 1 credit. Hours to be arranged.

ENTOMOLOGY

302 Research in Entomology  Chapman, Carter
Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor. Hours and credits to be arranged.

350 Insect Ecology  Chapman
A review of autecology and synecology with special emphasis upon recent advances. A critical review of the evidence on the effects of physical and biotic factors on insects and insect populations. Discussions and assigned readings. Experimental work to be arranged by the students individually. First semester, 2 credits. Hours to be arranged.

355 Insect Transmitted Diseases of Plants  Carter
A lecture course during the first semester will develop the subject primarily from the viewpoint of the ecologist with particular reference to the interrelationships between insect vector, disease, and host plant. During the second semester the course will be conducted as a current literature seminar, but students desiring laboratory experience will be afforded the opportunity to conduct problems. First semester, 1 credit. Second semester, credits variable. Hours to be arranged.
GENETICS

300 Seminar in Genetics  Collins
The seminar will make a critical review of current, fundamental researches in the field of experimental genetics by means of reports upon assigned readings. Prerequisite: advanced study in genetics. Throughout the year, 2 credits each semester. Hours to be arranged.

302 Research in Genetics  Collins, Wilsie
Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor. Hours and credits to be arranged.

SOIL SCIENCE

300 Nutrient Availability in Soils  Magistad
This course will be conducted as a seminar, and will deal with current literature and experiments in progress. Base exchange, nitrogen and potash availability, and methods of determining availability will be considered. First semester, 1 credit. Hours to be arranged. (Offered 1936-1937.)

302 Research in Soil Bacteriology, Soil Chemistry or Soil Physics  Allen, Magistad, Wadsworth
Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor. Hours and credits to be arranged.

350 The Nitrogen Cycle  Allen
The course will be conducted as a seminar, and will include a detailed critical, and comprehensive study of the various transformations of nitrogenous material in nature from microbiological and chemical standpoints. Practical aspects of these phases are to be stressed especially. Special attention will be paid to the current literature. First semester, 1 credit. (Offered 1936-1937.)

351 Soil Physics and the Relation of Soil Moisture to Plant Growth  Wadsworth
The course will be conducted as a seminar, and will consider the physical properties of soils with special emphasis upon soil moisture. The second half of the semester will be spent in a study of plant and soil moisture relations as indicated by current investigations. Second semester, 1 credit. Hours to be arranged. (Not offered 1936-1937.)

352 Bacterial Decomposition  Allen
A seminar reviewing the literature on bacterial decomposition of nitrogenous and cellulosic matter in the soil. The various groups of bacteria and fungi will be studied with regard to their prevalence in soils and their specific and combined functions in these processes. First semester, 1 credit. (Not offered 1936-1937.)
HOLDERS OF UNIVERSITY SCHOLARSHIPS

ASSOCIATED WOMEN STUDENTS
Ella Chun
Marjorie Nottage
Jane Fairweather

CHINESE COMMUNITY
Sau Gin Wong
Beatrice Yap

CHINESE STUDENTS' ALLIANCE
Koon Wah Lee
Reuhen Tam
Kamehameha Wong

CHINESE WOMEN'S CLUB
Sau Chun Wong

DAUGHTERS OF THE AMERICAN REVOLUTION
Orme Johnson

HAWAIIAN GIRLS' CLUB, Y. W. C. A.
Sarah Wela

HYUNG JAY CLUB
Miriam Hahn

JAPANESE UNIVERSITY WOMEN'S CLUB
Hannah Miwa
Lily Goto
Hazel Mirikitani

KE ANUENUE
Radegonda Chow

LEORA PARMELEE DEAN
Bessie Yuen

MARY DILLINGHAM FREAR
Barbara Conningham
PRINCE FUSHIMI  
Yoshiko Tahara  
Douglas Yamamura  
Ralph Yempuku  
Hanama Tasaki  
Harue Sakata  
Etsuyo Sayama

RUTH SCUDDER  
Doris Ross

STEPHEN SPAULDING  
Arthur Chun

WAKABA KAI  
Fay Fukuda  
Toshimi Yoshinaga

WOMEN'S SOCIETY, CENTRAL UNION CHURCH  
Jane Miller  
Margaret Thoene  
Elizabeth Whang

YANG CHUNG HUI  
Florence Ching
GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

Kazuhisa Abe—Political Science
Roman Cariaga—Social Anthropology
William Ingram—Zoology
Ruth Kojima—Chemistry
Howard Kohr—Political Science
Hisashi Kubota—Chemistry
Edward Mitsukado—Political Science
Marjorie Putnam—English
Elizabeth Steffee—Chemistry
William B. Storey—Tropical Agriculture
Ralph Tanimoto—Bacteriology
Robert Usinger—Tropical Agriculture
John A. Weisner—Economics
Mark Westgate—Chemistry
DEGREES CONFERRED

1935

HONORARY DEGREES

DOCTOR OF LAWS

Colonel Allen Wyant Gullion—Devoted his unusual intellectual powers unselfishly to Hawaii and the nation in the reconstruction of our economic life through the NRA.

REGULAR DEGREES

MASTER OF SCIENCE

Ruth Caroline Baker, B.A., University of Hawaii, 1933

Francis Raymond Fosberg, A.B., Pomona College, 1930

Edward Tamotsu Fukunaga, B.S., University of Hawaii, 1934

Edward Yataro Hosaka, B.S., University of Hawaii, 1931

Kenneth Kenjiro Kono, B.S., University of Hawaii, 1934
Thesis: Derivatives of Chaulmoogric Acid Containing the Sulfonyl Group.

Bernard Chong Lee, B.S., University of Hawaii, 1933

George Francis Lemon, Jr., B.S., University of Hawaii, 1934

Ernest Tsuneo Watanabe, B.S., University of Hawaii, 1934
Thesis: The Preparation of Carotene from Papaya.

MASTER OF ARTS

Agnes Cassidy Bickerton, B.A., University of Hawaii, 1932

Herbert S. Bowers, B.A., Bluffton College, 1924

Eleanor Yuk Lan Chun, B.A., University of Hawaii, 1932

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Holders of University Scholarships

*Robert Mardis Faulkner, B.A., University of Hawaii, 1924

†Grace Crosby Hamman, B.A., University of Hawaii, 1930

Koichi Glenn Harada, B.A., University of Hawaii, 1928

†Arthur Lee Harris, B.A., Park College, 1925
  Thesis: Reading Ability of Maui High School Students.

*Eva Hendry, B.A., University of Hawaii, 1927
  Thesis: Study of the English Achievement of Children from the Two Types of Honolulu Public Schools.

*Esther Roberts Holmer, A.B., Western State College, Colorado, 1927
  Thesis: Truancy in the Schools of Honolulu.

Helmuth Winfrid Herrmann, B.A., University of Hawaii, 1929

George Kerr, B.A., Rollins College, 1932

Kum Pui Lai, B.A., University of Hawaii, 1933

Ray Madison, B.S., Whitman College, 1926
  Thesis: An Analysis of Teaching Units of the Physical Education Curriculum.

Berenice Margaret McPherren, B.B.A., University of Washington, 1929

Kilmer Oscar Moe, B.A., University of Hawaii, 1930
  Thesis: Filipino Economic and Social Progress Through Education.

John Ernest Reinecke, B.A., Kansas State Teachers College, 1925
  Thesis: Language and Dialect in Hawaii.

Grace Ingalls Remick, B.A., University of Hawaii, 1929

Paul Junichiro Tajima, B.D., Seabury Divinity School, 1932
  Thesis: Buddhism in Hawaii: Its Origin, Background and Local Adaptation.

*Herbert Alfred Wade, B.A., University of Hawaii, 1930
  Thesis: The Youth Movement and the Hostel System in Germany and Their Repercussions in Certain European Countries.

Charles Lamoreaux Warfield, A.B., University of Hawaii, 1933

* Degree granted February, 1935.
† Degree granted October, 1935.
Alyce Ako Yee, B.A., University of Hawaii, 1933
Thesis: A Study of the Development of Language Among Bilingual Children of Chinese Ancestry in the City of Honolulu, as Measured by Their Use of English and Chinese Words.

MASTER OF EDUCATION

Medard Omer Joseph DeRocker, B.S., Bradley Polytechnic Institute, 1931

Cecil K. Dotts, B.A., University of Redlands, 1928
Thesis: Distribution of the Teaching Principal's Time.

*Walton McWilliams Gordon, B.A., Park College, 1925

Henry Harry Rempel, Ed.B., University of California at Los Angeles, 1928
Thesis: An Approach to Art Appreciation.

BACHELOR OF SCIENCE

Agriculture
Ernest Kisei Akamine
Teisuke Akamine
Koichi Eguchi
Juichi Honnaka
John Johann Kton
Charles Ichiro Maruyama
Richard Kazuo Mizuta
Donald Masao Murakoshi
*John Masao Onaga
Masato Sugihara
†Atae Uenaka
Raymond Yuen Chong Won
Yau Wai Wong

Civil Engineering
Larry Fong Chow Ching
Robert Hung Chock Choy
Hideo Hayashi
Bunji Higaki
Osamu Hirota
Yoshio Inaba
Yoshio Kunimoto
Matthew Mai Tai Nahm
Richard Young Pang
Masao Sone
Kenzo Takumi
George Yoshio Tomonari
Yoshiharu Tsuji

* Degree granted February, 1935.
† Degree granted November, 1935.
Degrees Conferred

General Science

Sung Hin Au
Clarence Mui Seong Ching
†Ernest F. Ching
Herbert Yet Cho Chock
Patrick Cockett, Jr.
Geraldine Lohualani Forbes
Tadaichi Fujio
Hisashi Kubota (Honors in Chemistry)
Tsuyoshi Kurakake
James Harvey Litton
Lucille Soy Sen Louis (Honors in Chemistry)
Takeshi Nishijima
Richard Tamotsu Onouye
Pung Wai Seto
Kiyoshi Shimabukuro
William Bicknell Storey
George Yung Zane

Home Economics

Amy Ayako Akinaka
Eda Links Carlson (Honors in Household Science)
Ellen Hatsuko Masunaga
Dorothy Kam Choy Sun
Louise Kam Sai Sun
Gladys Shizuko Uyeno
Elizabeth Kaleiluhu Whittington
*Marion Zelda Wright
Helen Yonge

Sugar Technology

George Herbert Akau, Jr.
*John William Anderson
†Wilfred James Baldwin
Karl Heinz Berg
†Alexander David Butchart
Larry Shoichi Kawamura
†David Belden Lyman, Jr.
Masao Nakano
†Kapilray Harivallabh Parekh
Leon Jackson Rhodes
Amarnath Sardana
Shigeo Francis Takemoto (Honors in Chemistry)
Tyrus Toshiyuki Tanimoto

BACHELOR OF ARTS

Mitsuo Arita
*Lillian Kam Yee Awai
Barbara Sears Bishop
Robert Herman Seresky Brilliande
Frances Holmes Brown
*Alice Brereton Catton

* Degree granted February, 1935.
† Degree granted November, 1935.
‡Ben Tin Kuang Char  
(Deceased April 14, 1935)  
George Chee Kon Ching  
*Mabel Lan Fung Chong  
Richard Wah Chong Chow  
Kenneth Arthur Conningham  
Frances Foulds Corbaley  
*Ruth Wallace Donald  
James Kwai Chow Doo  
Jesse Warren Ewing  
Harry J. Fernandes  
Mary Ruth Ferreira  
Susumu Richard Fujii, (Honors in Political Science)  
William Sueto Fujii  
Mary Marjorie Gowen  
Alexander Greendale  
Yoshio Hanao  
Isma Moikeha Hapai  
Viola Mae Hauch  
*Yee Hee  
Curtis Napela Heen  
Alfred Worcester Hodgman  
Margarite Waldron Horne  
Rachel Leavenworth Howland  
Allen Victor Hurd  
Shigeichi Imada  
Kenichi Inouye  
Margaret Elizabeth Isenberg  
*Max Seiso Itoga  
John Alexander Johnson, Jr.  
Betty Judd  
George Pilipo Kai  
Matsuyo Kamada  
*Woodrow Naochika Katsunuma  
Yoshio Kawakami  
Gladys Mae Kendall  
Ruth Tomi Kojima (Honors in Chemistry)  
Clarence Komiyama  
Tokuji Kubota  
*Bung Chong Lee  
*Ah Tin Leong  
Sung Leong  
Florence Yuen Jin Liu  
Mildred Soy Quan Louis  
Alice MacKinnon  
Matsuko Matsuno  
†Harry Yin Shin Mau  
Donald McCluskey  
Keichi Mihata  
Edward Hideo Mitsukado (Honors in History)  
Yuki Miwa  
Tadashi Neil Morimoto  
Rebecca Kekumano Mossman  
*Tadako Alyce Nago  
Shosaku Nakamato  

* Degree granted February, 1935.  
† Degree granted November, 1935.  
‡ Degree granted posthumously.
Degrees Conferred

Tomi Ogata
Kumao Okazaki
*Thelma Fujino Okuda
Lydia Passos
Moana Audrey Peterson
Sumio Sagawa
*Minerva Saiki
Sutejiro Sato
Tsutomu Shirakata
Florence Maile Smith
Dorothea Mae Soares
†Ricarda Augusta Soares
†William Benjamin Stephenson
Peace Yin Ping Tan
Raymond Bow May Tan
Hatsuo Tomita
Rokuichi Tomoyasu
Charles Masahiro Uchimura
Sumitaka Uchimura
Virginia Marian Catherine Wagner
*Alison Watt
Ian Grant Watt
Alma Whitman
Kam Sing Wong
*Kee Fun Wong
Kiichi Kenneth Yamamoto
Minayo Yamamoto
Grace Kimiyo Yokoi
Yasuo Yokota
Marjorie Mason Young
William Graydon Young
Ebba Emelia Zetterberg

BACHELOR OF EDUCATION
Florence S. K. Akamu
Josephine Alves
Lynette Hoenaaina Amoy
Phoebe Heen Amoy
Virginia Claire Anjo
Lucy Kaaha Apo
Gladys Kiyoko Arakawa
Anna Kam Oi Au
†Margaret Jean Belch
†Stella Williams Belknap
Edward Berman
†Emily Cambra Cadinha
†Harriet McGee Calmes
Laurence Joseph Capellas
†Evelyn Akana Chang
†Daisy Nyuk Yin Ching
*Eleanor Sui Mui Chun
*Momi Pearl Chung
†Evelyn Onaona Cooper
Georgina Cooper
†Marion Guerrero Diamond
Lillian Hatsuyo Doi

* Degree granted February, 1935.
† Degree granted November, 1935.
Clarence Byrom Dyson
†Shigeko Eguchi
†Satoshi Fujinaga
Tomie Fukamachi
†Chie Aoki Furumoto
Lily Yuriko Goto
†Samuel Shogo Haga
Florence Hamada
Kuniko Hamamoto
Ellen Chang Hee
Irene Kam Jun Hee
†Charles Newton Patrick Henry
Rachel Day Henke
Naomi Hong
Helen Masako Hoshino
†Rose Chow Hoy
Noboru Itamura
Mew Yung Jay
Sadie Berger Kaheaku
Hideko Kanda
†Sanae Kanda
Yealeme Kim
John Komenaka
Florence Matsuyo Kuwamoto
Abbie Kahakulani Lee
†Elizabeth Siu Yung Lee
Lalah N. Lint
Ella Lo
*Juliet Lopes
†Katherine Young Low
†Mildred Seu Lan Luke
Alice Lum
Gladys Kanani Lum
Horace Masaharu Masuda
Norio Clarence Masumotoya
†Helen Fernandez McIntosh
†William Francis Merrick
Hazel Asako Mirikitani
*Sarah Eva Mitchel
Harriet Haruyo Monden
William Michel Mueller
Katsuko Nakamura
Toki Nakasone
Edwina Leinani O'Brien
Shigeyo Ogata
James Takio Okamura
*Elizabeth Cup Choy Poka
†George Rinji Saito
Helen Gum Nee Seu
Chiyoko Shiroyama
Mary Bader Sniffen
Belmyra Souza
†Myrtle Haru Tanaka
Charles Wakatsu Tashima
Dorothy Harue Teshima

* Degree granted February, 1935.
† Degree granted November, 1935.
Degrees Conferred

Joseph Teves, Jr.
Alma Evans Thoene
*Margaret Fook Yoong Ting
Gertrude Siu Yin Tyau
Gladys Bush Weatherbee
*Zoe Aasve Wist
†Ah Chow Chingon Wong
†Ethel Lee Wong
†Mabel Char Wong
Jane Shibao Yagi
Mitsuyo Yamanaga
*Tamayo Thelma Yanagi
Ellen Kum Hie Yang
Thelma Chiyono Yasutake
Mary Kealii Quan Yee

* Degree granted February, 1935.
† Degree granted November, 1935.
RECIPIENTS OF FIFTH YEAR CERTIFICATES

Francis Kenneth Aiwohi
*Eugene S. Capellas, Jr.
Lillie Chun Hsing Char
Rosalie Sue Yen Char
Nellie Chock
*Sun Oi Chun
Elsie Ferreira
Violet M. I. Fong
Yaeko Fujii
*Vivian K. M. Goo
Florence Yin Ho
Elsie Fumiko Hokada
Beatrice Mileka Hussey
Misao Kamada
Yoriko Kaya
Ellen Hazel Lehua Kinney
Doris Mitsue Kotake
Manuel Kwon
Richard Philip Martin
Matsuko Masuda
Susumu Matoi
Violet Matsue Murakawa
Yaeko Nakagami
*Dorothy May Kuon Nia
Setsu Okubo
Rose Ruth Roman
Dorothy Takeko Sakamoto
Hideko Beatrice Sasaki
Wilhelmina Schwallie
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Patsy Shizuyo Shintani
Manuel Peterson Silva
Umeyo Helene Taketa
Toshie Tanioka
May Kanani Teshima
Ellen Tom
Rose Kaaloehukai Toomey
Doris Chiyoko Tsugawa
Dorothy Chung Fah Tyau
Kimiyo Watanabe
David Kam Cho Wong
*Daisy Mitsuko Yamaguchi
Tsuruyo Yamamoto
Yukino Yamane
*Edith Yoneda
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*Margaret Chuck Sum Young

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RECIPIENTS OF PUBLIC HEALTH NURSING CERTIFICATES

Helen Beck
Yasuko Doi
†Annie Jean Fraser
†Hilda K. Goodwin
Nancy Hussey
Rose Young Leslie
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REGISTER OF STUDENTS
1935-1936

GRADUATE DIVISION

Candidates for Degrees

Adams, Albert E., 3521 Pahoa Ave.
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B.S., University of Hawaii, 1935
(Entomology, G.S.T.A.)*

Bartlett, Gladys M., 2730 Terrace Dr.
A.B., University of Washington, 1930
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Berman, Edward, 1261 Center St.
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B.S., University of Pennsylvania (Wharton), 1935
(Economics)

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B.A., University of Hawaii, 1930
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(Oriental Studies)

Davis, D. Rodger, 212 Old River Rd., Wilkes Barre, Pa.; Mid-Pacific Institute
B.A., Bucknell University, 1932
(History)

*G.S.T.A., registered in Graduate School of Tropical Agriculture.
Dow, Gertrude F., Pacific Club
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B.S., University of Hawaii, 1935
(Chemistry)

Gantt, Beth K., Waimanalo, Oahu
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Genung, Mary F., Stanley, Wis.; Mid-Pacific Institute
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(History)

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B.S., Kirksville State Teachers College, 1925
(Education)

Hale, Harry M., Lanikai, Oahu
B.A., Wichita University, 1924
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B.A., University of Hawaii, 1931
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Hershey, Lewis B., 3793 Sierra Dr.
B.Pd., A.B., B.S., Tri-State College, 1912-14
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Horlings, Albert R., 2323-A Oahu Ave.
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Hudson, Loring, Kamehameha Schools
B.S., Oregon State College, 1927
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Humphries, Grace, 2143 Mohala Way
B.S., Oregon State College, 1924
(Business and Economics)

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A.B., Pomona College, 1935
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B.S., University of Hawaii, 1929
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Kaapu, Myrtle King, Punalu'u, Oahu
B.A., Goucher College, 1920
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B.S., New York University, 1931
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Ed.B., University of Hawaii, 1933
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B.A., University of Hawaii, 1928
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B.S., University of Hawaii, 1934
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B.A., University of Washington, 1933
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B.A., University of Hawaii, 1935
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Kubota, Hisashi, Box 306, Waimea, Kauai; 846 Coolidge St.
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B.A., University of Hawaii, 1933
(Education)

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B.A., University of Hawaii, 1935
(Sociology)

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A.B., San Diego State College, 1935
(English)

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(History)

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(International Relations)

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(Education)

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B.Ed., Illinois State Normal University, 1933
(Education)
Register of Students

McCarter, Mayme R., 702 Admiral, Kansas City, Mo.; Waikiki Inn
B.S.Ed., Kansas State Teachers College, 1928
(Education)

McCartney, Ray S., 262-A Paokalani St.
B.S., James Millikin University, 1929
(Education)

McLaren, Dallas, Waimea High School, Kauai
B.A., Park College, Parkville, Mo., 1925
(Education)

**Milligan, Gladys B., 1650 Malanai St.
Ed.B., University of Hawaii, 1936
(Education)

Mitchell, Donald D., Kamehameha Boys School
A.B., Phillips University, 1928
(Education)

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B.A., University of Hawaii, 1935
(International Relations)

Miyamoto, Shicho, 33 Nagaosa, Uwa-Machi, Ehime-Ken, Japan
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B.A., University of Hawaii, 1934
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Nakagawa, Shisuko, 713 South St.
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(Education)

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Ployhart, Frederick P., Box 224, Olivia, Minnesota; Washington Intermediate School
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(English)

Ratekin, Doris M., Mid-Pacific Institute
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B.S., M.S., University of Hawaii, 1931, 1934
(Nutrition)

Robison, Fillmore E., 624 Thayer Ave., Los Angeles; Atherton House
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B.S., Oregon Agricultural College, 1921
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(Education)

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Ed.B., University of Hawaii, 1932
(Education)

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B.S., University of Hawaii, 1928
(Genetics, G.S.T.A.)

Takeda, Yetatsu S., 1727 Fort St.
Bungakushi, Ryukoku University, 1933
(Sociology)

Tan, Peace Y. P., 1508 Keeauoku St.
B.A., University of Hawaii, 1935
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Tan, Raymond B. M., 1508 Keeawamoku St.
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B.S., University of Hawaii, 1934
(Soil Science, G.S.T.A.)

Tanimoto, Toshiyuki, Koloa, Kauai; 1471 S. King St.
B.S., University of Hawaii, 1935
(Chemistry)

Taylor, Naomi P., Mid-Pacific Institute
B.A., Morningside College, 1923
Register of Students

Tenn, Emma Y. F., 1927 Coyne St.
B.A., Yenching University, 1934
(English)

Thoene, Mrs. Alma E., Box 2552, Honolulu
Ed.B., University of Hawaii, 1935
(Education)

Thompson, Robert R., Kailua, Oahu; 3828 Pahoa Ave.
B.S., University of Hawaii, 1933
(Chemistry)

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Ed.B., University of Hawaii, 1935
(Education)

Usinger, Robert L., 5832 Ocean View Dr., Oakland, Calif.; 69-A Country Club Rd.
B.S., University of California, 1935
(Entomology, G.S.T.A.)

Uyehara, Yukuo, 1822 Nuuanu Ave.
B.A., University of Hawaii, 1931
(Oriental Studies)

Vaughn, Mrs. Inger S., Fernhurst
B.S., College of William & Mary, 1921
(Education)

Wakukawa, Seiyei, No. 15 Cunha Lane No. 5, N. Vineyard St.
B.A., University of Hawaii, 1931
(International Relations)

Warner, Bernice, 2187 Helumoa Rd.
B.S., University of Chicago, 1920
(Oriental Studies)

Westgate, Mark W., University of Hawaii
B.S., M.S., University of Hawaii, 1932, 1933
(Chemistry, G.S.T.A.)

Wiesner, John A., 322 1st St., McMinnville, Ore.; 1565 Pensacola St., Apt. 10
B.S., Linfield College, 1933
(Business)

Wilson, Kathleen C., Beach Walk Inn
A.B., University of California at Los Angeles, 1934
(Economics)

Yoshida, Shigeo, 1902 Bingham St.
B.A., University of Hawaii, 1930
(Education)

Zetterberg, Ebba E., 2323 Kaala St.
B.A., University of Hawaii, 1935
(English)

Zieman, Clayton M., 1666 Liholiho St.
B.A., University of Wisconsin, 1927
(Physics)
NOT CANDIDATES FOR DEGREES

Amoy, Phoebe Heen, 3755 Waialae Rd.
B.A., University of Hawaii, 1935
(Education)

Awai, Lorna H., 1917 Algaroba St.
A.B., Colorado State Teachers College, 1930
(Education)

Barrett, Charles B., 2367 East Manoa Rd.
A.B., Hastings College, 1929
(Education)

Brewer, Mrs. Lela R., 811 18th Ave.
B.A., University of Hawaii, 1931
(Education)

Brown, Beurnadeen C., 3019 Loomis St.
B.S., Stout Institute, 1929
(Education)

Byers, Mildred D., 1432 Makiki St.
B.S., University of Minnesota, 1924
(Public Health Nursing)

Chang, Annie A., 1836-C Boyd Lane
Ed.B., University of Hawaii, 1934
(Education)

Chapson, Kenneth, Roosevelt High School
B.A., Oregon State College, 1932
(Education)

Chong, Mabel L. F., 1420 Lunalilo St.
B.A., University of Hawaii, 1935
(Education)

Chong, Mabel T., 1815 Dole St.
B.A., University of Hawaii, 1927
(Education)

Chung, Lillian Y. T., 1045 15th Ave.
B.A., University of Hawaii, 1927
(Education)

De Rocker, Frank E., 1437 38th St. Rock Island, Ill.; 1630 Makiki St.
B.S., Bradley Polytechnic Institute, 1934
(Education)

Dranga, Jane B., 6011 Lanihuli Dr.
B.A., Santa Barbara State Teachers College, 1923
(Sociology)

Eguchi, Koichi, 460 Kuakini St.
B.S., University of Hawaii, 1935
(Education)

Ficke, Alice M., 2333 Liloa Rise
B.A., University of Idaho, 1926
(Business)

Foxall, Sarah E., 1651 Kalakaua Ave.
B.A., University of Hawaii, 1934

Gapp, Francis W., 1108 N. New St., Bethlehem, Pa.; Atherton House
A.B., B.J., University of Missouri, 1935
(Oriental Studies)
Han, Annie, Wahiawa, Oahu; 1319 Emma St.
   B.A., University of South Dakota, 1934
   (Education)

Hanaoka, Bertha T., 155 S. Kukui St.
   B.S., University of Hawaii, 1934
   (Zoology)

Holt, Gladys T., Kahului, Maui; 2538 Kaneloa Rd.
   B.A., University of Hawaii, 1930
   (English)

Huckestein, Inez L., Box 2867, Honolulu
   B.A., University of Hawaii, 1932
   (English)

Ing, Ruth K. L., 1002 8th Ave.
   B.S., Columbia University, 1930
   (History)

Ishikawa, Wataru, Box 287, Kealakekua, Hawaii; 1456 Kauluwela Lane
   B.S., University of Hawaii, 1934
   (Entomology)

**Ito, Robert S. O., 3450 Paalea St.
   B.A., University of Hawaii, 1936
   (Economics)

Jones, Austin Emery, Board of Water Supply
   A.B., University of California, 1924
   (Physical Geology)

Laubach, Alice F., Fort Armstrong, T. H.
   A.B., Sweet Briar College, 1935
   (Chemistry)

Lee, Genevieve K. L., 2136 S. King St.
   B.A., University of Hawaii, 1934
   (Education)

Lee, Herbert K. H., 1720 Young St.
   B.A., Yenching University, 1934
   (Political Science)

Leong, Ah Tin, 1055 Kinai St.
   A.B., University of Hawaii, 1935
   (Education)

Louis, Lucille, 1060 Koko Head Ave.
   B.S., University of Hawaii, 1935
   (Chemistry)

McKeery, Maybelle B., 328 Liliuokalani Ave.
   Ed.B., University of Hawaii, 1933
   (Education)

Morrell, Eldon P., Aiea, Oahu
   Ed.B., University of Hawaii, 1933
   (Education)

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   A.B., University of Hawaii, 1935
   (Education)

**Okano, Haruko, 1949 Kekala Dr.
   A.B., University of Hawaii, 1936
   (Education)

Parekh, Kapilray H., 2757 Puuhonua St.
   B.S., University of Hawaii, 1935
   (Genetics, G.S.T.A.)

Punohu, Martha, 1812 Ashford St.
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   (Education)
Sagara, Constance P., 2002 S. King St.
  Ed.B., University of Hawaii, 1934
  (Education)

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  M.A., Texas Christian University, 1928
  (Oriental Studies)

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

Stewart, Ray D., Salem, Indiana; Mid-Pacific Institute
  A.B., Hanover College, 1932
  (Psychology)

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  (Education)

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  (Political Science)

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Wong, Hong Sin, Box 166, Paia, Maui; Women's Dormitory
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Wong, William T. S., 2039 Dole St.
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**Graduated in February and entered Graduate Division.
COLLEGE OF ARTS AND SCIENCES

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</tr>
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<tr>
<td>Hinds, Mrs. Regina C.</td>
<td>208</td>
<td>(II Lang., Lit. &amp; Art)</td>
<td>Kamehameha Boy's School</td>
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<td>Hirota, William T.</td>
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<td>(I Econ. &amp; Bus.)</td>
<td>1618 Bingham St.</td>
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<td>Hiwatani, T.</td>
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<td>2105 S. Beretania St.</td>
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<td>Hirayama, Takashi</td>
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<td>Box 7, Heeia, Oahu</td>
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<td>Ho, Lorna P.</td>
<td>182</td>
<td>(I Lang., Lit. &amp; Art)</td>
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<td>51</td>
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<td>5 Ululani St., Hilo, Hawaii; 2330 Beckwith St.</td>
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<td>Hurwitz, Louis</td>
<td>181</td>
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<td>1811 Makiki St.</td>
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<td>379</td>
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<td>41</td>
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<td>Hutchinson, Alonso F.</td>
<td>29</td>
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<td>1165-A McGregor Dr.</td>
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<tr>
<td>Idehara, Sunao</td>
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<td>(III Soc. Sci.)</td>
<td>Box 151, Paauilo, Hawaii; 2330 Beckwith St.</td>
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<td>Iseman, Jane E.</td>
<td>27</td>
<td>(III Nat. &amp; Phys. Sci.)</td>
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<td>Ishii, Herbert Y.</td>
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<td>Ishikawa, William S.</td>
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<td>76 N. School St.</td>
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<td>Itagaki, Robert S. O.</td>
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<td>3450 Paalea St.</td>
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<td>Itou, Shunpei</td>
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<td>Iwai, Miyeko Bessie</td>
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<td>(I Econ. &amp; Bus.)</td>
<td>59 Kaulua Lane</td>
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<tr>
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<td>3732 Kawashimo-mura, Yamaguchi-ken, Japan; 2728 Huapala St.</td>
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<td>Jarrett, Paul James Jr.</td>
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<td>Jarrett, Robert C.</td>
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<td>Jeffords, Margaret E.</td>
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<td>Jensen, Mamie K.</td>
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<td>Johnson, Orme M.</td>
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<td>Smithline, Hans U.</td>
<td>14, 8</td>
<td>I Nat. &amp; Phys. Sci.</td>
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<td>Stanford, Lorene</td>
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<td>Stone, E. Claude</td>
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<td>Sueko, Theodore T.</td>
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<td>Sun, Sally Y.</td>
<td>29, 15</td>
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<td>Suyenaga, Taro</td>
<td>238, 90</td>
<td>III Econ. &amp; Bus.</td>
<td>Puunene, Maui; 1239 S. King St.</td>
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<td>Swanson, Marie C.</td>
<td>238, 122</td>
<td>IV Econ. &amp; Bus.</td>
<td>2439 East Manoa Rd.</td>
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<td>Tadlock, Mrs. Jo Garner</td>
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<td>II Lang., Lit. &amp; Art</td>
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<td>Tahara, Ernest Tadashi</td>
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<td>IV Pre-Med.</td>
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<td>Tahara, Takeshi</td>
<td>51, 19</td>
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<td>Taira, Akiko</td>
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<td>Taira, Yoshiro</td>
<td>250, 94</td>
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<td>Takahashi, David T.</td>
<td>315, 124</td>
<td>IV Nat. &amp; Phys. Sci.</td>
<td>Hanalei, Kauai; c/o Alsup Clinic, Young Hotel</td>
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<td>Takahashi, Fred S.</td>
<td>111, 55</td>
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<td>Takayesu, Ben G.</td>
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<td>II Soc. Sci.</td>
<td>Waipahu, Oahu; 347 Buckle Lane</td>
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<td>Takimoto, Keichi</td>
<td>149, 84</td>
<td>III Soc. Sci.</td>
<td>1636 Clark St.</td>
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<td>Tam, Pina S. P.</td>
<td>155, 56</td>
<td>II Soc. Sci.</td>
<td>824 11th Ave.</td>
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<td>Tam, Reuben</td>
<td>249, 83</td>
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<td>Tamura, Mrs. Mathilda Z.</td>
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<td>IV Lang., Lit. &amp; Art</td>
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<td>Tan, Edison B. K.</td>
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<td>Tanaka, Taro</td>
<td>266, 93</td>
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<td>Tani, Molly K.</td>
<td>42, 17</td>
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<td>Taniguchi, Ryozo</td>
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<td>Tanoue, Roy T.</td>
<td>357, 130</td>
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<td>Thoene, Margaret E.</td>
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<td>Thom, Buck K.</td>
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Fukuda, Mabel T., 20, 14 (I Pre-Nurs.) 1213 Pua Lane
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Hee, Kam Chong, 45, 16 (I Pre-Med.) 4011 Kaimuki Ave.
Hee, Marvin M., 27, 13 (I Civ. Eng.) 1115 Banyan St.
Hee, Sheong, 129, 58 (II Agric.) 25 Kauila St.
Hee, Wai Kam, 39, 20 (I Home Econ.) 25 Kauila St.
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Ing, James K., 45, 20 (56) (II Pre-Med.) 1704 Poki St.
<table>
<thead>
<tr>
<th>Name</th>
<th>Class</th>
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<td>Ing, May K. Y.</td>
<td>258</td>
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<td>Inn, Edward</td>
<td>60</td>
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<td>Inouye, Ralph S.</td>
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<td>Iwamura, Masami</td>
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<td>Iwashita, Sadamoto</td>
<td>51</td>
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<td>1224 Wilhelmina Rise</td>
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<td>Isu, Colman J.</td>
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<td>Papaaloa, Hawaii; 323-B Pahala Lane</td>
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<td>Jenkins, Denison J.</td>
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<td>Johnson, Margaret L.</td>
<td>70</td>
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<td>Johnstone, Ernest</td>
<td>250</td>
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<td>2406 Oahu Ave.</td>
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<td>Kamakau, Samuel M.</td>
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<td>3424 Kaimuki Ave.</td>
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<td>Kanazawa, Kanemi</td>
<td>40</td>
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<td>925 Kapaakea Lane</td>
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<td>Kanemoto, Hazel C.</td>
<td>31</td>
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<td>841 Paani St.</td>
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<td>341</td>
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<td>Box 777, Waipahu, Oahu</td>
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<td>268</td>
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<td>Kataoka, Kaname</td>
<td>44</td>
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<td>Kawakami, Sakai</td>
<td>289</td>
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<td>Kawamura, Masami</td>
<td>315</td>
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<td>Kawano, Henry M.</td>
<td>155</td>
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<td>Pearl City, Oahu; 667 S. Beretania St.</td>
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<td>Kaya, Pearl Y.</td>
<td>32</td>
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<td>3118 Harding Ave.</td>
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<td>331</td>
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<td>Haiku, Maui; 1710 Fort St.</td>
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<td>Kim, Annie Y.</td>
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<td>Kim, Lucy W.</td>
<td>67</td>
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<td>477 N. Kukui St.</td>
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<td>32-1281 Hall St.</td>
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<td>Kimata, Mitsuko</td>
<td>204</td>
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<td>Kimura, Sumiyie</td>
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<td>Kobatake, Masato</td>
<td>98</td>
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<td>Kojima, Unoyo</td>
<td>125</td>
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<td>34</td>
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<td>Box 123, Aiea, Oahu; 1071 Kinau St.</td>
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<td>Kong, John P. U.</td>
<td>31</td>
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<td>1521 Sierra Dr.</td>
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<td>249</td>
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<td>3358 Winam Ave.</td>
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<td>53</td>
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<td>995 Akepo Lane</td>
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<td>Lai, Wallace</td>
<td>25</td>
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<td>1631 Fort St.</td>
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<td>Lam, Dorothy Y.</td>
<td>104</td>
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<td>Lam, Pritchard T. C.</td>
<td>6</td>
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<td>1382 Liliha St.</td>
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<td>Lam, Sun Ge</td>
<td>122</td>
<td>(II Pre-Med.)</td>
<td>2040 Wilder Ave.</td>
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<td>Lau, Benedict H.</td>
<td>27</td>
<td>(I Sug. Tech.)</td>
<td>38 N. School St.</td>
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</tbody>
</table>
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Yee, Jewett C. Y., 129, 58 (II Civ. Eng.) 1850 Fort St.
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Youn, John, 25, 16 (I Sug. Tech.) Kapaa, Kauai; 1839 Anapuni St.
Young, Ah Fai, 283, 124 (IV Gen. Sci.) 1630 Liliha St.
Young, Bernard, 87, 57 (II Pre-Med.) 376 Olohana St.
Young Bernice, 152, 53 (II Home Econ.) 1087-F S. Beretania St.
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Yuen, Bessie M. H., 424, 129 (IV Voc. Home Econ.) 1155-A Young St.
Zukeran, Chester, 24, 14 (I Sug. Tech.) Waikane, Oahu
## TEACHERS COLLEGE

*(Candidates for Fifth-Year Certificates)*

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<td>Akamu, Florence</td>
<td>Naalehu, Hawaii; 2610 Metcalf St.</td>
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<td>Alves, Josephine</td>
<td>Ewa, Oahu; 3152 Mokihana St.</td>
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<td>Anjo, Virginia C.</td>
<td>Box 73, Makawao, Maui; 1041-C 7th Ave.</td>
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<td>Arakawa, Gladys K.</td>
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<td>Aw, Anna K. O.</td>
<td>989 A'kea Lane</td>
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<td>Ching, Priscilla L. H.</td>
<td>Box 66, Waihee, Maui; D-2027 S. Beretania St.</td>
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<td>Chun, Eleanor S. M.</td>
<td>1540 Leilani St.</td>
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<td>Cooke, Lucille K.</td>
<td>Wailuku, Maui; 597 So. King St.</td>
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<td>Cooper, Georgina</td>
<td>Hana, Maui; 3370 Maunaloa Ave.</td>
</tr>
<tr>
<td>Creedon, (Mrs.) Mabel C.</td>
<td>Box 1441, Wailupe, Oahu</td>
</tr>
<tr>
<td>Davis, Hattie</td>
<td>Pauwela, Maui; 821 Umi St.</td>
</tr>
<tr>
<td>Elmhurst, Irmgard</td>
<td>Lihue, Kauai; 1843-F Naopala Lane</td>
</tr>
<tr>
<td>Fern, (Mrs.) Amy Lum</td>
<td>2037 Makalani Dr.</td>
</tr>
<tr>
<td>Friel, (Mrs.) Thelma R.</td>
<td>1118 Hassinger St.</td>
</tr>
<tr>
<td>Fukabori, Lionel</td>
<td>Box 470, Waipahu, Oahu</td>
</tr>
<tr>
<td>Gomes, Margaret</td>
<td>3619 Waialae Ave.</td>
</tr>
<tr>
<td>Goto, Lily Y.</td>
<td>Box 20, Honomu, Hawaii; 1215-B Alexander St.</td>
</tr>
<tr>
<td>Hamada, Florence</td>
<td>Box 87, Kapaa, Kauai; Women's Dormitory</td>
</tr>
<tr>
<td>Hee, Irene K. J.</td>
<td>1234-F Emma Lane</td>
</tr>
<tr>
<td>Hiserman, Helen T.</td>
<td>1638 Bingham St.</td>
</tr>
<tr>
<td>Hong, Naomi</td>
<td>Box 118, Wahiawa, Oahu</td>
</tr>
<tr>
<td>Hoskinson, Helen M.</td>
<td>1338 Young St.</td>
</tr>
<tr>
<td>Jay, Meow Yung</td>
<td>802 Ka'ili St.</td>
</tr>
<tr>
<td>Kanda, Hideo</td>
<td>Box 61, Wailuku, Maui; 1215-B Alexander St.</td>
</tr>
<tr>
<td>Komenaka, John I.</td>
<td>1148 Fort St.; Nuuanu Y. M. C. A.</td>
</tr>
<tr>
<td>Kuwamoto, Florence</td>
<td>3148 Charles St.</td>
</tr>
<tr>
<td><em>Lau, Alice C.</em></td>
<td>1056 Noble Lane</td>
</tr>
<tr>
<td>Lee, Abbie K.</td>
<td>1159 Kilauea Ave., Hilo, Hawaii; 1233 15th Ave.</td>
</tr>
<tr>
<td><em>Lee, Alice K. Y.</em></td>
<td>1447 Kewalo St.</td>
</tr>
<tr>
<td>Leong, Choy Wun</td>
<td>330 McNeill St.</td>
</tr>
<tr>
<td>Lo, Ella</td>
<td>1015 Middle St.</td>
</tr>
<tr>
<td>Lum, Gladys K.</td>
<td>3171 Kaimuki Ave.</td>
</tr>
<tr>
<td>Maeda, Katsumi</td>
<td>Box 246, Ewa, Oahu; 1239 So. King St.</td>
</tr>
<tr>
<td>Mirikitani, Hazel A.</td>
<td>1788 Ala Moana</td>
</tr>
<tr>
<td>Mita, Hannah</td>
<td>Lihue, Kauai; 1215-G Alexander St.</td>
</tr>
<tr>
<td>Monden, Harriet</td>
<td>1571 Kauluwela Lane</td>
</tr>
<tr>
<td>Nakasone, Toki</td>
<td>Box 345, Lahaina, Maui; 2206 Wilder Ave.</td>
</tr>
<tr>
<td>Nishiyama, Eleanor</td>
<td>Box 414, Hakalau, Hawaii; 1554 Meyers St.</td>
</tr>
<tr>
<td>Nishizaki, Masayoshi</td>
<td>Pepekeo, Hawaii; 1118 Isenberg St.</td>
</tr>
<tr>
<td>Noda, James</td>
<td>Honouau, Kona, Hawaii; 467 No. King St.</td>
</tr>
<tr>
<td>Okamura, James T.</td>
<td>Box 226, Koloa, Kauai; 2844-L S. King St.</td>
</tr>
<tr>
<td>Puuohau, Jeanette H.</td>
<td>160 Keauhaha, Hilo, Hawaii; 740 8th Ave.</td>
</tr>
<tr>
<td>Shinoda, Dorothy H.</td>
<td>912 Pumehana St.</td>
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<tr>
<td>Shiroyma, Chiyoko</td>
<td>110 Mamane St., Hilo, Hawaii; 597 S. King St.</td>
</tr>
<tr>
<td>Soo, Harriet F.</td>
<td>1712 Olona Lane</td>
</tr>
<tr>
<td>Soo, Momi C.</td>
<td>1712 Olona Lane</td>
</tr>
<tr>
<td>Souza, Belmyra</td>
<td>Keahua, Maui; 597 S. King St.</td>
</tr>
</tbody>
</table>

189
Suyama, Emiko, Box 367, Hilo, Hawaii; 1616 Nuuanu Ave.
*Takahara, Yoshiko, Box 1193, Hilo, Hawaii; 2310 Oahu Ave.
Takagi, Chiyoko, Box 1160, Hilo, Hawaii; 1616 Nuuanu Ave.
*Takano, Sakae, Wahiawa, Oahu
Teshima, Dorothy H., 6 Davies Lane
Tyau, Gertrude S. Y., 320 Iolani Ave.
Uemura, Hazel, 2856 Winam Ave.
Whang, Yealene K., Box 438, Haiku, Maui; 347-5 Buckle Lane
*Wong, Marion Yin Ping, 521 1he St., Liliha, Honolulu
Yagi, Jane S., Lahaina, Maui; 310 Magellan Ave.
Yanagi, Tamayo T., Holualoa, N. Kona, Hawaii; 1616 Nuuanu Ave.
Yang, Ellen K. H., Box 178, Wahiawa, Oahu; 3276 Maunaloa Ave.
Yoshina, Walter, Box 82, Laupahoehoe, Hawaii; 1018 McCully St.
Yuen, Margaret Y. C., 1933 Bingham St.

Undergraduates

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, Eythel Y., 92, 49 (II) Box 184, Wahiawa, Oahu; 846 Hausten St.
Abe, Shogo, 175½, 65 (33) (III) Mid-Pacific Institute
Abshire, Marie E., 291, 119 (IV) 943 12th Ave.
Adelmeyer, Mrs. Iwalani B., 401, 130 (IV) 804 Green St.
Akahoshi, Shirley Shizue, 393, 121 (IV) 816 8th Ave.
Akana, Florence, B.A., University of Hawaii, 1934, (IV) Hana, Maui; 1548 Kewalo St.
Akana, Puamana, 91, 44 (II) 932 Lelona St.
Aki, Ruth A., 211, 87 (III) Box 2, Kapaa, Kauai; Women’s Dormitory
Ako, Esther Y. Y., 287, 119 (IV) 148 S. School St.
Ako, Gardie, 26, 14 (I) 148 S. School St.
Alberty, Betty, 48, 15 (37) (II) 1-2235 Kalia Rd.
Angco, Ethel S., 120, 51 (II) 945 Winant St.
Aranawa, Leatrice F., 173, 82 (III) Box 487, Waipahu, Oahu
Au, Esther, 149, 52 (II) 1639-D Liliha St.
Au, Kam Yuen, 130, 50 (II) 989 Akepo Lane
Au, Kim Chun, 31, 17 (I) 989 Akepo Lane
Au, Margaret H. K., 252, 116 (IV) 60 Kukui Lane
Au Hoy, Norman T., 91, 48 (II) 1520 Liliha St.
Awana, Ivy, 45, 17 (I) 1107 Punahou St.
Bento, Stanley F., 214, 92½ (III) Wailuku, Maui; Atherton House
Blue, (Mrs.) Faye H., 47, 17 (I) 2142 Atherton Rd.
Bugbee, Louise, 87, 23 (90) (IV) 1143 S. Hoover St., Los Angeles, Calif.; Beach Walk Inn
Camacho, Blase S., 36, 18 (I) Kohala Station, Mahukona, Hawaii; 720-B Waiakamilo Rd.
Camara, Florence M. A., 92, 50 (II) Spreckelsville, Maui; 3515 Kilaeua Ave.

Camara, Louis, 304, 123 (4) (IV) 9 Pauahi St.
Chang, Bernice S., 35, 17 (I) 36-B Leilehua Lane
Ching, Barbara H., 151, 51 (II) 1004 6th Ave.
Ching, Constance K. C., 42, 18 (I) Kapaa, Kauai; 1519 Fort St.
*Ching, Ellen L., 354, 116 (1) (IV) Hanae!l, Kauai; 3401 Maunaloa Ave.

*Graduated in February and entered 5th year work.
Register of Students

Ching, Helen E. K., 251, 126 (IV) 1928 Naio St.
Ching, Kim Young, 124, 52 (II) 50 S. Vineyard St.
Ching, Lorraine K., 223, 84 (III) 1416-E Lunalilo St.
Ching, Marietta M., 262, 114 (IV) 1004 6th Ave.
Ching, Mew Kun, 35, 13 (I) 1119-B Banyan St.
Cho, Flora N., (III) 124.52 (II) 50 S. Vineyard S1.
Chow, Violet E., 138, 87 (III) 1491 Fort St.
Cho, Violet M., 124, 84 (III) 1119-B Banyan S1.
Chu, Amy L., 320, 131 (IV) Waianaee, Oahu; 1621-G Keaauoku St.
Chuck, Ernell, 42, 17 (I) 942-B 8th Ave.
Chuck, Harry, 224, 89½ (III) 928 Cedar St.
Chuck, Violet W. O., 276, 116 (IV) 928 Cedar St.
Chun, Beatrice Ing, 278, 124½ (IV) 1002 3rd Ave.
Chun, Doris E., 46, 17 (I) 3910 Kaimuki Ave.
Chun, Ella K. O., 221, (III) 1414-C Beretania St.
Chun, Lydia C. P., 212, 88 (III) Box 24, Kukuihaele, Hawaii; 1424 10th Ave.
Chun, Muriel A. H., 345, 126 (IV) 32 School St.
Chun, Ruby K. S., 122, 52 (II) 1018 Nuuanu St.
Chung, Helen K., 281, 128 (IV) 32 School S1.
Clower, Mrs. Agnes, 100, 30 (89) (IV) Maunalua, Molokai
Cloveres, Richard M., 129, 50 (II) 3502 Woodlawn Dr.
Cooper, Haunani K., 47, 17 (I) Hana, Maui; 3370 Maunalua Ave.
Daikokuya, Haruko, 44, 17 (I) 1071 Kinaw St.
Day, Kathryn S., 138, 52 (67) (IV) Moweaqua, Ill.; 2651 Terrace Dr.
De Mello, Florence, 176, 81 (III) 3462 Hardesty St.
Doe, Robert E., 72, 21 (I) 4767 Kahala Ave.
Eleneki, Benedicte, 16, 14 (I) 1577 Nobrega St.
*Eta, Yoshiko, 423, 130 (IV) 626 Iwilei Rd.
Evans, (Mrs.) Virginia S., 21, 8 (24) (II) Honolulu Plantation, Aiea, Oahu
Evelry, Hubert V., 185½, 57½ (25½) (III) Box 25-A, Pacific Beach, Calif.; Atherton House
Fisher, (Mrs.) Jessie S., 157, 47 (69) (IV) 2121-B McKinley St.
Foley, Marjorie L., 33, 17 (I) 1030 12th Ave.
Fong, Beatrice J. Y., 107, 50 (II) 2191 N. King St.
Forbes, Geraldine L., B.S., University of Hawaii, 1935, (IV) 2702 Manoa Rd.
Fowlds, Lorraine, 162, 62 (60) (IV) 2057 Lanihuli Dr.
Franco, Herbert J., 278, 128 (IV) 1326 Konia St.
Frisbee, Naoma, 126, 49 (69) (IV) 1712 Lewalani Dr.
Fukuda, Kiyono, 29, 17 (I) Hamakuapoko, Maui; 2613 Halelema St.
Furtado, Phoebe K., 134, 48 (II) Lahaina, Maui; 1220 Farrington St.
Hajime, Akira, 116, 6 (III) 1220 College Walk
Hamada, Mitsie Mitsugi, 43, 17 (I) Pauwela, Maui; 2672 Lowrey Ave.
Hamada, Shigeno, 117, 17 (I) 805 Halekauwila St.
Hamamoto, Eda S., 303, 119 (IV) 1902 Young St.
Han, John D., 144, 55 (II) Box 141, Honokaa, Hawaii; 2757 Puhonuau St.
Hayakawa, Kenichi, 56, 34 (II) 305 Ponohawaii St., Hilo, Hawaii; 1265 Pua Lane
Healy, (Mrs.) Agnes, (64½) (III) 1103 Twelfth Ave.
Hil, (Mrs.) Sarah C., 324, 127 (IV) 2312 Coyne St.
Higaki, H. Violet, 283½, 119½ (IV) Box 34, Honomu, Hawaii; 1215-B Alexander St.
Hino, Akiko, 44, 17 (I) Box 265, Wahiawa, Oahu; 846 Hausten St.
Hinouchi, Asa, 362, 128 (IV) 1109 2nd Ave.
Hirai, Ritsuyo, 214, 85 (III) Kealia, Kauai; 1448 Emma St.
<table>
<thead>
<tr>
<th>Name</th>
<th>Age</th>
<th>Address</th>
</tr>
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<tbody>
<tr>
<td>Hiramoto, Yuriko</td>
<td>42</td>
<td>Box 173, Waialua, Oahu; 1525 Liboliho St.</td>
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<tr>
<td>Hobson, (Mrs.) Genevieve H.</td>
<td>371</td>
<td>120 (3) (IV) 3772 Sierra Dr.</td>
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<tr>
<td>Honda, Tomiko</td>
<td>37</td>
<td>Box 334, Wailuku, Maui; 1735 Anapuni St.</td>
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<tr>
<td>Hong, Blanche</td>
<td>96</td>
<td>48 (II) 10 Ilihi St.</td>
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<td>Hong, Edith K. S.</td>
<td>149</td>
<td>51 (II) Box 79, Hilo, Hawaii; 555 10th Ave.</td>
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<tr>
<td>Hong, Gladys</td>
<td>33</td>
<td>15 (I) 10 Ilihi St.</td>
</tr>
<tr>
<td>Hoschino, Mae</td>
<td>222</td>
<td>85 (III) 1383 Young St.</td>
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<tr>
<td>Imai, Janet K.</td>
<td>44</td>
<td>17 (I) 354 N. Vineyard St.</td>
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<tr>
<td>Inada, Helen M.</td>
<td>62</td>
<td>18 (I) Box 61, Kahului, Maui; 1071 Kinau St.</td>
</tr>
<tr>
<td>Inamune, Shizue</td>
<td>32</td>
<td>(I) Waimea, Kauai; 1163 Maunakea St.</td>
</tr>
<tr>
<td>Ing, Rebecca Y. K.</td>
<td>284</td>
<td>145 (IV) 1136 8th Ave.</td>
</tr>
<tr>
<td>Iwashita, Namiko</td>
<td>227</td>
<td>83 (III) Kealakekua, Kona, Hawaii; 947 4th Ave.</td>
</tr>
<tr>
<td>Iwatsutsu, Thelma M.</td>
<td>155</td>
<td>53 (II) Makaweli, Kauai; 2031 Vancouver High-way</td>
</tr>
<tr>
<td>Kaaha, John K.</td>
<td>364</td>
<td>128 (IV) 1191 Punchbowl St.</td>
</tr>
<tr>
<td>Kam, Katherine C.</td>
<td>35</td>
<td>15 (I) 1231 Wilder Ave.</td>
</tr>
<tr>
<td>Kamakauwi, Lei D.</td>
<td>117</td>
<td>49 (II) 80 Kinau Lane, Hilo, Hawaii; 597 S. King St.</td>
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<tr>
<td>Kameda, Gladys H.</td>
<td>172</td>
<td>67 (II) 144-A Cunha Lane, No. 5</td>
</tr>
<tr>
<td>Karltes, Louise M.</td>
<td>12</td>
<td>4 (73%) Ferndhurst, Honolulu</td>
</tr>
<tr>
<td>Kashiwara, James T.</td>
<td>186</td>
<td>83 (28) (IV) Lihue, Kauai; 738 Hauiol St.</td>
</tr>
<tr>
<td>Kawakukui, Thomas</td>
<td>170</td>
<td>63 (II) 752 Kinoo St., Hilo, Hawaii; 754 Bannister St.</td>
</tr>
<tr>
<td>Kawahara, Edwin I.</td>
<td>56</td>
<td>17 (I) Box 225, Waipahu, Oahu; 626 Maui St.</td>
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<tr>
<td>Kawamoto, Joyce N.</td>
<td>231</td>
<td>87 (III) 916-A Hausten St.</td>
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<tr>
<td>Kawano, Helen H.</td>
<td>157</td>
<td>51 (II) Pearl City, Oahu; 2376 Liloa Rise</td>
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<tr>
<td>Kawasaki, Masayuki</td>
<td>294</td>
<td>93 (III) Kealakekua, Hawaii; 1018 McCully St.</td>
</tr>
<tr>
<td>Kenney, (Mrs.) Kalealoha W.</td>
<td>289</td>
<td>102 (IV) 3247 Charles St.</td>
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<tr>
<td>Kim, Clara N.</td>
<td>81</td>
<td>49 (II) 1524-A Liliha St.</td>
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<tr>
<td>Kim, Gladys S.</td>
<td>192</td>
<td>78 (III) 1132 N. School St.</td>
</tr>
<tr>
<td>Kim, Richard S.</td>
<td>26</td>
<td>15 (I) 211 Iolani St., Hilo, Hawaii; 549 N. School St.</td>
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<tr>
<td>Kimseu, Gladys</td>
<td>88</td>
<td>50 (II) Box 105, Kamuela, Hawaii; 597 S. King St.</td>
</tr>
<tr>
<td>Kinney, Miriam K.</td>
<td>347</td>
<td>120 (IV) Waialua, Oahu</td>
</tr>
<tr>
<td>Kinoshita, Chiyo</td>
<td>186</td>
<td>82 (III) Box 18, Kohala, Hawaii; 1616 Nuuanu Ave.</td>
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<tr>
<td>Kinoshita, Mitsue</td>
<td>22</td>
<td>14 (I) Box 18, Kohala, Hawaii; 1616 Nuuanu Ave.</td>
</tr>
<tr>
<td>Kiyonaga, Yoshio</td>
<td>35</td>
<td>15 (I) Kaunakakai, Molokai; 2347-E University Ave.</td>
</tr>
<tr>
<td>Klussman, (Mrs.) Evelyn A.</td>
<td>201</td>
<td>91 (III) Waianae, Oahu; 2240 Oahu Ave.</td>
</tr>
<tr>
<td>Kollmeier, Hazel</td>
<td>49</td>
<td>18 (94) (IV) 7324 Cornell, St. Louis, Mo.; 2115 Kamehameha</td>
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<tr>
<td>Kong, Anita C.</td>
<td>180</td>
<td>80 (III) 2459 Liliha St.</td>
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<td>Kuramoto, Fumiko</td>
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<td>130 (IV) 1229 Young St.</td>
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<td>Kurano, Kiara K.</td>
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<td>102 (III) 943 Ahana Lane</td>
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<tr>
<td>Kurokawa, Chisu</td>
<td>58</td>
<td>17 (I) Box 23, Papaikou, Hawaii; 2889 Kahawai St.</td>
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<tr>
<td>*Lau, Alice C.</td>
<td>286</td>
<td>130 (IV) 1056 Noble Lane</td>
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<td>Lau, Alice P. Y.</td>
<td>38</td>
<td>17 (I) 3703 Harding Ave.</td>
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<tr>
<td>Lau, (Mrs.) Lenore Seto</td>
<td>260</td>
<td>134 (IV) 626 No. Vineyard St.</td>
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<tr>
<td>Lau, Tet Chin</td>
<td>258</td>
<td>122 (IV) 2023 Metcalf St.</td>
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<tr>
<td>Lau, Violet L. U.</td>
<td>47</td>
<td>16 (I) 3286 Mokihana</td>
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<tr>
<td>Ledesma, Josefa D.</td>
<td>83</td>
<td>49 (II) Kekaha, Kauai; Sacred Hearts Academy</td>
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<tr>
<td>Lee, Aheong P.</td>
<td>227</td>
<td>85 (III) Lanikai P. O, Kailua, Oahu</td>
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<tr>
<td>*Lee, Alice K. Y.</td>
<td>323</td>
<td>130 (IV) 1447 Kewalo St.</td>
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<td>Lee, Alice W.</td>
<td>144</td>
<td>53 (II) 111 S. School St.</td>
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</tbody>
</table>
Register of Students

Lee, Alyce Y. C., 143, 52 (II) 3765 Harding and 15th Aves.
Lee, Dok Hee, 81, 45 (II) 1622 Pohaku St.
Lee, Esther F., 53, 19 (I) 1098 S. Beretania St.
Lee, Evangeline W., 37, 17 (I) 62 Hialoa St.
Lee, (Mrs.) Evelyn W., 310, 119 (IV) 1306 Young St.
Lee, Irene K. Y., 277, 87 (III) Box 271, Paia, Maui; 2120 Bingham St.
Lee, James F. L., 21, 12 (I) 1228 16th Ave.
Lee, Miyo Hee N., 108, 45 (II) 1622 Pohaku St.
Lee, Violet C., 118, 51 (II) 2044 Kapulani St.

Lim, Sung HI, 29, 15 (I) Spreckelsville, Maui; 2757 Puu honua St.
Lim, Tai Hi, 31, 17 (I) Spreckelsville, Maui; 2757 Puu honua St.
Lindsey, Hattie, 24, 15 (I) Kamuela, Hawaii; 597 S. King St.
Littell, (Mrs.) Virginia S., 142, 76 (III) Iolani School.
Liu, Alfred F. H., 18, 13 (I) 1913 Pauoa Rd.
Lo, Betty, 317, 126 (IV) Box 271, Hilo, Maui; Women's Dormitory
Lo, Ellyn, 153, 81 1/2 (III) Box 172, 1015 Middle St.
Lo, Mabel N. K., 203, 55 (II) Box 517, Hilo, Hawaii; 597 S. King St.
Loo, Ruth O. T., 210, 55 (II) Box 517, Hilo, Hawaii; 597 S. King St.

Maeda, Mae A., 47, 18 (I) 129 Boyd Lane
Maeda, Wallace M., 228, 88 (III) Ewa, Oahu
Maehara, Oei, 36, 17 (I) Puunene, Maui; 1646 Clark St.
Mahi, Puarose, 113, 49 (II) 1455-C Ula St.
Manley, Virginia, 192, 69 1/2 (28) (III) 2133 McKinley St.
Marshall, Eleanor M., 29, 17 (I) 1122 Alewa Drive
Masuda, (Mrs.) Ruth N., 293, 115 (2) (IV) 2087 Mohala Way
Masuda, Tsuruyo, 146, 52 (II) Box 7, Kapaa, Kauai; 1010 S. King St.
Matsuno, Matsuko, B.A., University of Hawaii, 1935, (IV) 2412 Oahu Ave.
Mattson, Lillian K., 104, 46 (II) 2138 Aulii St.
McKinney, Albert, 64, 20 (I) Kahului, Maui; 1914 University Ave.
Medeiros, Enos Jr., 105, 51 (II) Hamakuaapo, Maui; 2163 Chamberlain St.
Medeiros, Evelyn A., 194, 84 (32 1/2) (IV) Box 77, Paia, Maui; 3444 Kaau St.
Medeiros, Phyllis, 124, 51 (II) Box 243, Hamakuaapo, Maui; 2163 Chamberlain St.

Milligan, Mrs. Gladys B., 133, 50 (76) (IV) 1650 Malanai St.
Miriakihi, Richard, 359, 119 (IV) 1788 Ala Moana Rd.
Miura, Katherine S., 375, 123 (IV) 1914 Davae St.
Mitawa, Edith H., 275, 123 (IV) 1215-G Alexander St.
Miyake, Eleanor A., 111, 49 (II) Box 213, Waialua, Oahu; 1276 Fort St.
Miyake, Yoshiichi, 239, 123 (IV) 2012 Bingham St.
Miya moto, Hanako, 338, 131 (IV) 1133 Davenport St.
Miyashiro, Annie S., 49, 17 (I) Box 336, Waipahu, Oahu
Mizuha, Bert H., 34, 17 (I) Waihee, Maui; 2327 Liloa Rise
Monden, Margaret H., 232½, 86½ (III) 1571 Kauluwela Lane
Morimoto, (Mrs.) Elaine T. O., 288, 115 (2) (IV) Box 72, Hilo, Hawaii; 1215-B Alexander St.
Muraoka, Mitsuko, 42, 17 (I) Box 673, Lihue, Kauai; 1215-B Alexander St.
Nagai, Margaret F., 193, 94 (III) 1661-B Waikahalulu Lane
Nagakura, Suzuko E., 219, 84 (III) 17 Kilohana St., Hilo, Hawaii; 858 Lakimela Lane
Nahm, Matthew, B.S., University of Hawaii, 1935, (IV) 1330 S. Beretania St.
Nakagawa, Florence M., 47, 17 (I) 910 Kapaakea Lane
Nakagawa, Misue, 34, 14 (I) Box 12, Hawi, Hawaii; 1616 Nuuanu St.
Nakama, Helene Y., 46, 17 (I) 615-E S. Beretania St.
Nakama, Miyeko J., 30, 17 (I) 828 N. King St.
Nakano, Jane H., 139, 51 (II) Box 141, Wahiawa, Oahu; 846 Hausten St.
Naone, Gladys K., 32, 15 (I) Kipahulu, Maui; 3306 Castle Ave.
Ninomiya, Philip H., 340, 125 (IV) Box 227, Waialua, Oahu
Nishikawa, Haruko, 182, 84 (II) Heeia, Oahu; 4823 Matsonia Dr.
Nobriga, Gladys L., 252, 118 (IV) 1528 Halekula Way
Obara, Genevieve K., 43, 17 (I) Punalu'u, Oahu; 2006 Hunnewell St.
Ogai, Yuki, 50, 17 (I) 1832 9th Ave.
Ohata, Chiyo, 45, 17 (I) Box 195, Paia, Maui; 1450-B Keaukamoku St.
Oka, Sachiko, 43, 18 (I) 2113 S. Beretania St.
Okada, Lily T., 110, 64 (III) Box 262, Paia, Maui; 1722 Olena Lane
Okamura, Hayako, 254, 123 (IV) 925 Ahana Lane
Okamura, Takabo, (I) Box 226, Koloa, Kauai; 1483 So. King St.
Okumura, Midori Joyce, 296, 120 (IV) Koloa, Kauai; Women's Dormitory
Omatsu, Edna M., 192, 85 (III) 2003 N. King St.
Osakado, Thomas, 55, 17 (I) Paia, Maui; Royal Hawaiian Hotel, Employees Quarters
Osmanksi, John E., 36, 16 (35) (III) Alden, Pa.; Schofield Barracks, T. H.
Pack, N. Nancy, 15, 9 (I) 322 Magellan Ave.
Phillips, Rosalind, 102, 49 (II) Box 435, Hana, Maui; Women's Dormitory
Pohlmann, Helen, 282, 115 (IV) 206 San Antonio Ave.
Quinto, Dolores L., (I) 1315 Miller St.
Ratekin, Richard R., 144, 51 (27) (III) Central Y. M. C. A.
Rhoads, Elvis B., 227, 90 (36½) (IV) 1627 Makiki St.
Robinson, George G., 143, 56 (66) (IV) 3202 Walnut Ave., Altoona, Pa.; 1911 Hunnewell St., c/o Mrs. Burkland
Robinson, William Tate Jr., B.A., St. John's College, 1931 (IV) 1118 Hassinger St.
Romstad, Julia T., 39, 18 (86½) (IV) Route 4, Box 570, West Allis, Wisc.; 2010 Makiki St.
Ross, Doris E., 432, 116 (IV) 910 14th Ave.
Sakai, Hitoshi, 229, 94 (II) Wailuku, Maui; 1429 Makiki St.
Sakai, Margaret S., 36, 17 (I) Box 128, Kohala, Hawaii; 779 N. School St.
Santoki, Saburo, B.A., University of Hawaii, 1931, (IV) Aiea, Oahu
Shapiro, Harvey L., (I) 1630 Makiki St., No. 6
Shimokawa, Michiko, 35, 15 (I) Kukaiau, Hawaii; Mid-Pacific Institute
Shimotori, Setsuyo, 291, 121 (IV) Box 283, Wahiawa, Oahu; 623 Coral St.
Shimoda, Shiko, 62, 17 (30) (II) Box 246, Hilo, Hawaii; 1450-B Keaukamoku St.
<table>
<thead>
<tr>
<th>Name</th>
<th>Room</th>
<th>Year</th>
<th>Street</th>
</tr>
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<tr>
<td>Siu, Beatrice C. Y.</td>
<td>31</td>
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<td>1222 S. King St.</td>
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<tr>
<td>Siu, Faith</td>
<td>109</td>
<td>51</td>
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<td>Sledge, Barbara</td>
<td>191</td>
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<td>(III) Lanikai, Oahu</td>
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<tr>
<td>Smith, Margaret H.</td>
<td>278</td>
<td>116</td>
<td>(IV) 2600 Makiki Heights</td>
</tr>
<tr>
<td>Smith, Mrs. Wygelia H.</td>
<td>66</td>
<td>26</td>
<td>(IV) 1821 Makiki St.</td>
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<tr>
<td>Song, Arthur P.</td>
<td>267</td>
<td>116½</td>
<td>(2) (IV) Nuuanu Y. M. C. A.</td>
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<td>Stepp, Ida Johanna</td>
<td>294</td>
<td>119</td>
<td>(IV) 1705 Clark St.</td>
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<td>Sue, Vera Y. K.</td>
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<td>(1) Kaneohe, Oahu</td>
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<tr>
<td>Sumida, Evelyn M.</td>
<td>280</td>
<td>114</td>
<td>(III) 1203 Aala Lane</td>
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<tr>
<td>Sunn, (Mrs.) Mabel L.</td>
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<td>(IV) 1301 Alewa Dr.</td>
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<td>Sutherland, Zelie M.</td>
<td>359</td>
<td>131½</td>
<td>(IV) 1221 14th Ave.</td>
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<td>Suzuki, Alice U.</td>
<td>176</td>
<td>83</td>
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</table>

Register of Students
Wong, Sau Gin, 273, 123½ (IV) 717 20th Ave.
Wong, Sau Kiu H., 273, 132 (IV) 1965 Pauoa Rd.
Yamagata, Mildred A., 212½, 91½ (III) Ninole, Hawaii; 2029 Kamehameha Ave.
Yamamoto, Edythe A., (I) Box 207, Waialua, Oahu; 2844 Harding Ave.
Yamamoto, Yuriko, 284, 94 (III) Hawi, Hawaii; 1616 Nuuanu St.
Yamamura, Douglas S., 154, 53 (II) Waihee, Maui; c/o Royal Hawaiian Hotel
Yamato, Masami, 116, 51 (II) Paia, Maui; 1429 Makiki St.
Yamagihara, Mineko, 58, 17 (I) Box 5, Hilo, Hawaii; 2475 Tusitala St.
Yang, Ella P. S., 117, 50 (II) Box 178, Wahiawa, Oahu; 1229 15th Ave.
Yap, Beatrice M. Y., 279, 116 (IV) 1600 Kamamalu Ave.
Yap, Irene, 56, 17 (I) 1504 Liholiho St.
Yasutake, Peter, 266, 113 (IV) Makaweli, Kauai; 1817 S. King St.
Yim, Dorothy L., 250½, 85½ (III) 804 16th Ave.
Yoshida, Harriet, 39, 14 (I) 1962 Bingham St.
Yoshinaga, Toshimi 230, 83 (III) 1749 Young St.
Young, Anthony, 237½, 107½ (IV) Box 758, Wailuku, Maui; 1012 Belser St.
Young, Ethel C., 302, 116 (IV) 1344 Moi Rd.
Zane, Margaret P., 182, 84 (III) 935 Koko Head Ave.

* Graduated in February and entered 5th year work.
UNCLASSIFIED STUDENTS

(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.)

Abrehamsen, Elizabeth K., 1124-B Davenport St.
Ah Nee, Ruth, 1107 20th Ave.
Ahrens, Catherine F., 234-B Ohua Ave.
Ai, Frances L., 4103 Maunaloa Ave.
Aina, Alice Tyan, Kealakekua, Kona, Hawaii
Aiton, Alice C., 4224 Sierra Dr.
Akana, Florence H., Waialua, Oahu; 1362 College Walk
Akana, Gretchen L., 74 Robinson Lane
Akau, George Jr., B.S., 5 Kukuaa St., Hilo, Hawaii; 2757 Puunohuua St.
Akau, John K. Jr., Hilo, Hawaii; 2757 Puunohuua St.
Akeo, Eliza, 1325 8th Ave.
Akiina, (Mrs.) Cecelia S., 3890 Sierra Dr.
Akiina, Grace, 931-C Hala Dr.
Akwai, Helen M., 3228 Esther St.
Alama, Mrs. Emily L., 1031 4th Ave.
Alexander, Daisy C., c/o Waialae Training School, Kahuku, Oahu
Almeida, Mrs. Eva, 1120-A 5th Ave.
Almeida, Olivia, 914 Lunaililo St.
Anderson, Eleanor B., Koloa, Kauai
Anderson, Minnie K., Ewa, Oahu
Arioli, Mrs. Mary G., 310 N. School St.
Armstrong, Robert W., B.S., Tripler General Hospital, Fort Shafter, T. H.
Austen, Henrietta E., Pearl City, Oahu
Auyong, Mrs. Irma K., Ed.B., 1325 Houghtailing St.
Awai, Mrs. Beatrice, 1714-F Nehe Lane
Ayau, Elizabeth N., 2893 Oahu Ave.
Ayau, Lei O., Ed.B., Hoolehua, Molokai; 923 Lokahi St.
Ayres, Wallis H., Moana Hotel
Baker, Mrs. Esther I., 909 14th Ave.
Barbour, Celestine S., Luke Field, Oahu
Barboza, Pauline, 1532 Nobrega St.
Barnes, Constance, 1921 Komaia Dr.
Bartels, Henry, B.S., Haina, Hawaii; Box 108, Aiea, Oahu
Bayless, Elizabeth L. V., 2536 Kauai & Puunui Ave.
Beamer, Mary Ethel, A.B., 1130 W. Gandy St., Denison, Tex.; 2115 Kamehameha
Beers, Maude O., Hilo, Hawaii
Bell, Mrs. Carrie A., Kamuela, Hawaii
Benner, Harlan F., 1234 Alewa Dr.
Bens, Herbert T., Rochester, N. Y.; Fort Kamehameha, T. H.
Birchfield, Robert W., Rt. 2, Box 511, Fontana, Calif.; 2460 Koa St.
Blackadar, Mrs. Ethel E., Hilo, Hawaii
Bowen, Mrs. Mildred M., 2476 E. Manoa Rd.
Branco, Margaret F., 1510 Magazine St.
Braue, Olive L., 2664 Kaapu Ave.
Brightman, Frederick J., 3769 Sierra Dr.
Brilliande, Robert, B.A., Fort Shafter, T. H.
Brim, Lois W., 2363 Tremont Road, Columbus, Ohio; 2235 Kalia Rd.
Brim, Mary A., 2363 Tremont Road, Columbus, Ohio; 2235 Kalia Rd.
Britton, J. Robert, 1326 Kapiolani St.
Brown, Elmer A., A.B., A.M., 1115 Lunalilo St.
Brown, Myra, P., 435 W. 23rd St., New York, N. Y.; 1636 Clark St.
Brownlowe, Virginia, 779-B Lunalilo Terrace
Bryson, Violet May, 1257 15th Ave.
Buel, Rae, 2629 Kalakaua Ave.
Burlem, Clara A., 3235 Harding Ave.
Burns, Caleb E., B.A., Lihue, Kauai; Halekulani Hotel
Burnum, Garnett M., 2461 Prince Edward St.
Butler, George M., Lahaina, Maui
Carr, Mrs. Elizabeth B., A. B., 1527-C Makiki St.
Carr, Sidney T., B.S., 2727 Manoa Rd.
Carter, Mrs. Beatrice, 3612 Sierra Dr.
Carter, Mrs. Elizabeth A., A.B., 671 18th Ave.
Carter, Ellen W., A.B., Box 13, Lanikai, Oahu
Cary, Miles E., M.A., 2656 Hillside Ave.
Cass, Cecilia, 1448 Miller St.
Chai, Mrs. Gertrude L., 1540 Bertram St.
Chamberlain, Warren L., Honouliuli Ranch, Ewa; 1098 Spencer St.
Chambers, Mrs. Laura F., 15145 Rosemont Ave., Detroit, Mich.; 3030 Hibiscus Dr.
Chan, Mew Chan Tong, 32 Dimond Lane
Chan, Violet Mebig, M.Sc., 2627 Namaau Dr.
Chandler, Dorrance, A.B., 2419 Ferdinand Ave.
Chang, Beatrice S. K., 1068 Kinau St.
Chang, Bernice S. C., 1621-B Keeaumoku St.
Chang, Chester W., University of Hawaii
Chang, Grace L., B.A., 935 7th Ave.
Chang, Hong Sing, Box 170, Honokaa, Hawaii; Central Y.M.C.A.
Chang, Howard, 1064 N. King St.
Chang, Jack G. B. A., Box 35, Wahiawa, Oahu
Chang, Kwan You, 616 Mokaua St.
Chee, Violet K., 1141 First Ave.
Ching, Annie L., 1317 9th Ave.
Ching, Daisy N. Y., 1535 Young St.
Ching, Esther I., 2648 Kahili Valley
Ching, Harry K. C., c/o Mun Lun School, Kapena St.
Ching, Mrs. Lani Y., Heeia, Oahu; 1139 Lunalilo St.
Ching, Mrs. Louise L., 1320 Piikoi St.
Ching, Margaret C., B.A., 1237-B Pua Lane
Ching, K. William, 1639-D Liliha St.
Chinn, Abbie L., 1527-B Farrington St.
Chock, Ah Moi, 1554 Liholiho St.
Chock, Annie W., 1419 16th Ave.
Chock, Eleanor A., 1515 Farrington St.
Chock, Esther L., 2318 Metcalf St.
Chock, Mrs. Jennie K. C., 2142 Bingham St.
Chock, Rose H., Box 667, Hilo, Hawaii
Chock, Sau Lun, 727 10th Ave.
Chollar, Sam L., 1531 Kewalo St.
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<td>968-F Hikina</td>
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<td>Chong, Lydia T.</td>
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<td>Chow, Richard B.A.</td>
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<td>Christian, Stanley C.</td>
<td>B.S., Hanamaulu, Kauai</td>
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<td>Clark, Lauretta P.</td>
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<td>Conner, Merwyn I.</td>
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<td>Cooper, Annie M.</td>
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<td>2139 Auli St.</td>
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<td>Corbin, Jack W.</td>
<td>3124 Gordon, Spokane, Wash.; Fort Armstrong, T. H.</td>
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<td>Correa, Mrs. Alice B.</td>
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<td>Makaweli, Kauai; 2056 Kakela Dr.</td>
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<td>Culman, Harry</td>
<td>232 Dewey Way</td>
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<td>Davidson, Edgar J.,</td>
<td>Hana, Maui; 329 Jack Lane</td>
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<td>Davis, Nancy S.</td>
<td>198 Cliff Way, Santa Cruz, Calif.; 2356 Oahu Ave.</td>
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<td>DeSilva, Barbara</td>
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<td>Dickson, Mrs. Amelia G.</td>
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<td>Enos, Mrs. Josephine A.</td>
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<td>Ewing, Mary M.</td>
<td>Box 103, Ewa, Oahu</td>
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<td>Faria, Clothilde D.</td>
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<td>Featherstone, Samuel J.</td>
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<td>Fieldgrove, Sadie K.</td>
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<td>Fischer, Mrs. Ruth L.</td>
<td>2759 Kahawai St.</td>
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<td>Pitt, Elmer O., Humbolt, Iowa; Box 145, Schofield Barracks, T. H.</td>
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<td>2421 Tusitala St.</td>
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<td>Flores, Rosaline A.</td>
<td>3714 Mamalahoa Rd.</td>
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<td>Forrest, Edward J.</td>
<td>1649 Beretania St.</td>
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Foster, Mrs. Adeline, 929 Ocean View Dr.
Frear, Mrs. Mary D., B.A., 1434 Punahou St.
Fujioha, Hajime, 131 Boyd Lane
Fujita, Nancy I., 634 N. Vineyard St.
Fukuda, Setsu, 1729 Keeaumoku St.
Fuller, Viola L., 1095 Spencer St.
Furukawa, Bassie A., Wailuku, Maui
Furukawa, Shigeichi, Papaaloa, Hawaii
Gail, Preston C., Cortland, Ohio; 1737 Clark St.
Gall, Evelyn B., 3522 Maunaloa Ave.
Gamble, George D., 2345 E. Manoa Rd.
Gaspar, Louis A., Waihee, Maui
Gerlinger, Edward B., 2825 Park Rd.
Gibson, Helene V., 2835 Oahu Ave.
Giddings, Eliza K., B.A., 3025 Haunani Rd.
Gilleland, Clark A., Rt. 1, Kearney, Neb.; 4650 Kahala Ave.
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Gomes, Katie C., 1460 Luso St.
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Gonsalves, John R., 1034 4th Ave.
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Register of Students

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Ho, Flora P., B.A., 2113 Punu St.
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Inaina, Moses K., 3154 George St.
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Ing, Lucille L., 1749 Self Lane
Ing, Martha Y. C., 1136 8th Ave.
Ing, Mary, 1136 8th Ave.
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Iwamoto, Yoshio, 79 N. School St.
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Judd, Mrs. Florence H., 2643 Makiki Heights Rd.
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Kau, Mary E., 650 9th Ave.
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Kawai, Mrs. Alice J., Kamuela, Hawaii
Kawai, Mrs. Helen L. B., Kamuela, Hawaii
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Kealoha, Mrs. Emma, 851 Judd St.
Kealoha, Mrs. Isabella, 720-A Waiaikamilo Rd.
Kekahio, Lily N., 3571 Harding Ave.; 1367 7th Ave.
Kekapa, William K., 1219 Center St.
Kekuku, Mrs. Esther G., 1666 Liholiho St.
Keliikipi, Herman, Box 82, Napoopoo, Hawaii; 436 Kamakee St.
Kemp, Sophie O., Waipahu, Oahu
Kendrick, Hattie M., 904 Lunalilo St.
Key, Robert C., West Bend, Wisc.; S-47, Sub. Base, Pearl Harbor, T. H.
Kilborn, Eva S., 1420 Kona Rd.
Kim, Dora Park, 1369 Lusitana St.
Kim, Jennie S., Heeia, Oahu; 636 S. Hotel St.
Kimo, Agnes, 1535 Young St.
Kinau, Mrs. Rebecca I., 1107 Gulick Ave.
Kinashita, Matsuko, B.A., Box 18, Kohala, Hawaii; 2108 S. King St.
Kinsay, Jane W., 2405 Wilder Ave.
Knoll, Eldredge G., Ph.C., 3165 Waialae Ave.
Knox, Frank K., 822 Pajaio St., Salinas, Calif.; Fort Armstrong, T. H.
Kobashigawa, Eikichi, Pearl City, Oahu
Kobayashi, Clarence M., Honolulu, Hawaii
Koerner, Caroline, 1008 S. Queen St.
Koike, Gunji, Box 92, Holualoa, Hawaii; 3519 Keanu St.
Komori, Aiko, 136 Koloko Lane
Kong, Rose, L., 1051 Kinualoa St.
Kuhns, Bernice M., 1432 Emerson St.
Kulanaakea, Mrs. Mabel H., 1454-E McCandless Lane
Kumaishi, Alice F., 619 10th Ave.
Kunane, Mary, 1033 16th Ave.
Kurisaki, Mauzie, 1005 Hala Dr.
Lau, Ah Kook W., 919 Birch St.
Lau, Amy C., 2036 Bingham St.
Lau, Mrs. Elsie C., 1344 Moi Rd.
Lau, Thomas C., B.S., 3703 Harding Ave.
Lederer, Helen R., 3802 Pahoa Ave.
Lee, Mrs. Grace K. T., 1317 Artesian St.
Lee, Henry H., 2049 Nu Pl.
Lee, Hilda C. L., 2136 S. King St.
Lee, Marguerite S., Aiea, Oahu
Lee, Mrs. Mew Sin, 3371 Keanu St.
Lee, Richard M., 2226 Kanealii Ave.
Lee, Violet W., 1863-H Makae Lane, Kalakaua Ave.
Lee, Walter K. H., 1053-D 1 Pua Lane
<table>
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<tr>
<th>Name</th>
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<th>City, State</th>
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<td>Leonard, Charline C.</td>
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<td>Schofield Barracks, Qtrs. 436, T. H.</td>
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<td>Lindberg, Vincent A.</td>
<td>8800 Turner Ave., Inglewood, Calif.; Waikiki Tavern</td>
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<td>Lindsey, Mrs. Lehua B.</td>
<td>1820 Anapuni St.</td>
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<td>Ling, Mrs. Annie</td>
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<td>Ling, Elizabeth M.</td>
<td>3261 Olu St.</td>
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<td>Linnemann, Carl W.</td>
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<td>Liu, Anne E. L.</td>
<td>1111 McCully St.</td>
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<td>Liu, Benjamin K. N.</td>
<td>3306 Gazette St.</td>
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<td>632 South St.</td>
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<td>Kaalawai</td>
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<td>2014 Kapulani St.</td>
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<td>Menecki, Satomi</td>
<td>Kaumana, Hilo, Hawaii; 1321 River St.</td>
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<td>Pearl City, Oahu; 1422 Colburn St.</td>
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<td>McAllister, Joseph D.</td>
<td>1010 S. Gramercy Dr., Los Angeles, Calif.; 119 S. King St.</td>
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<td>McCriston, Gertrude A.</td>
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<td>Medeiros, Anthony J.</td>
<td>Makawao, Maui; 1037 7th Ave.</td>
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<td>Medeiros, Veronica</td>
<td>50-D Koko Head Ave., Box 3226, Honolulu</td>
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<td>Merkel, Marie W.</td>
<td>Wausau, Wisc.; Fernhurst</td>
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<td>Miles, Frances</td>
<td>943 16th Ave.</td>
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<td>Miyake, Francis T.</td>
<td>Box 213, Waialua, Oahu</td>
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<td>Morelock, Jerry P.</td>
<td>Squadron UP-10-F, Pearl Harbor, T. H.</td>
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<td>Morimoto, Tadashi B.A.</td>
<td>Box 71, Holualoa, Kona, Hawaii</td>
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<td>Moriwaki, Yutaka, B.S.</td>
<td>Hanamaulu, Kauai; 1710 Fort St.</td>
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<td>Moriyama, Fannie K.</td>
<td>2618 Rooke Ave.</td>
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<td>Morse, Florence P.</td>
<td>1329 10th Ave.</td>
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<td>Moloyama, Elsie Y. K.</td>
<td>2632 Rooke Ave.</td>
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<td>Muller, Edith R.</td>
<td>1551 Magazine St.</td>
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<td>Muraoka, Kaoru</td>
<td>1255 Rycroft St.</td>
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</table>
Murata, Kazuo, Box 32, Kapaa, Kauai; 1710 Fort St.
Murphy, Fred, M.A., Niumalu Hotel
Nagano, Earl S., 939 Collidge St.
Nakagami, Miyoko, Box 95, Olaa, Hawaii
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Nakamura, Yutaka, 902 Pumehana St.
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Ross, Evelyn C., 720 Ocean View Ave.
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Saberi, Helene K., Sarcoxie, Mo.; Palama Settlement
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Scharf, Frederick, LL.B., Catonsville, Md.; Ocean View Court
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Scott, Howard M., Hinsdale, N.Y.; Ordnance, Fort Ruger, T. H.
Seabury, Gladys M., 911 Ocean View Dr.
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See, Mrs. Esther K., 914 21st Ave.
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Sevcik, Martha B., A.B., Elelele, Kauai
Sheridan, Philip E., 1393 Hayes St., San Francisco, Calif.; Army & Navy Y.M.C.A.
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Sister Catherine Marie, 642 Puhale Rd.
Sister Maria Cordis Becker, 702 Puhale Rd.
Sister Theophane Marie Casey, 642 Puhale Rd.
Sister Mary Henrietta Coppard, 702 Puhale Rd.
Sister Mary Celesta Gillespie, 146 Ohua Ave.
Sister Mary Emily Hodns, 1722 Dole St.
Sister Miriam Therese Lang, 146 Ohua Ave.
Sister Mary Gregory MacKey, 146 Ohua Ave.
Sister Maureen Mahoney, 642 Puhale Rd.
Sister Mary Cecile O'Neill, Maryknoll, New York; 642 Puhale Rd.
Sister Mary Colitta Rettie, 1725 Monterey Rd., South Pasadena, Calif.; 1722 Dole St.
Sister Agnes Marie Roach, 146 Ohua Ave.
Sister Marie Aimee Ryan, 642 Puhale Rd.
Sister Marie Noel Shaughnessy, 1722 Dole St.
Sister Dominic Marie Turner, 642 Puhale Rd.
Sister M. Bertrand Whitney, Maryknoll, N. Y.; 1722 Dole St.
Sister Xaveria Wittman, Maryknoll, N. Y.; 1722 Dole St.
Sledge, Carolyn, Lanikai, Oahu; c/o Hawaiian Pine Co.
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Smith, John V., 820 15th Ave.
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Snodgrass, Mrs. Sarah H., 2347 University Ave.
Snyder, Willard C., 231 Nichols St., Clarks Summit, Penna.; Battery "K", 64th C. A., Fort Shafter, T. H.
Soares, Lydia D., 3711 Mahina Ave.
Soares, Marion L., 558 12th Ave.
Soares, Olympia, 1259 Center Ave.
Soares, Mrs. Ricarda, 421 Wylie St.
Soon, Albert, 2525 Rooke Ave.
Sosnowski, Mrs. Josephine L., 3639 Crater Rd.
Sosnowski, Michael, 3639 Crater Rd.
Spencer, Amoe R., 1765 Huli St.
Sproat, Mrs. Hattie L., 3571 Harding Ave.
Stearns, Adelaide F., 3738-B Manini Way
Stephens, Isabel A., 1377 Alewa Dr.
Stickler, Myrtle L., Palama Settlement
Stribling, Hattie, Waialua, Oahu
Strike, Mrs. Lucile F., MacDonald Hotel
Suggett, Charles S., B.A., 250 Kailulani St.
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Tadlock, Will L., B.S., 268 Ohua Ave.
Takasaki, Maurice Isami, 1942 S. King St.
Tam, Mrs. Rebecca Y., Wailuku, Maui
Tamanaka, Nobuchi, Kahului, Maui; 2757 Puuhonua St.
Tatch, David, Tripler General Hospital, Fort Shafter, T. H.
Tatsuno, Mineko, Kealakekua, Hawaii; Queen's Hospital
Taylor, George D., 392 Augustine St. Rochester, N. Y.; M. P. Detachment, Fort Shafter, T. H.
Thomas, Mrs. Alice B., B.A., 1242 Ferger, Fresno, Calif.; 2910 Park Rd.
Thomas, Mrs. Emily N., 3134 Mokihana St.
Thompson, Dale, 320 E. 5th St., Stockton, Calif.; U. S. S. S-47
Tomlinson, Mrs. Margaret S., 723 Quarry St.
Tongg, Violet M., 1013 Poha Lane; 2258 Metcalf St.
Trainum, Helen, 779-B Lunalilo Terrace
Troeller, Mrs. Edith S., Lihue Kauai
Troy, Myrtle, Raton, New Mex.; Ewa Plantation, Ewa, Oahu
Tseu, Elizabeth, 917 8th Ave.
Turner, Mary B., 1446 Liholiho St.
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Tyau, Mrs. Mary A. P., 1447 Punchbowl St.
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Udo, Kenshi, B.A., Kumamoto, Japan; 97 N. Vineyard St.
Uehara, John, Box 915, Honolulu
Ung, Anne S., 2407 Kuhio Ave
Uyeda, Lily S., 1531-B Young St.
Wade, Anne E., 2138 Haena Dr.
Wallace, Mary A., M.A., 361 5th Ave., New Rochelle, N. Y.; Kamehameha Schools
Walsh, Mary de H., 1343 Center St.
Wardy, Madge H., Wailuku, Maui
Watson, Ruth L., 1046 13th Ave.
Welsh, Mrs. Pearl H., 2209 McKinley St.
Westly, Mrs. Ella T., 2710 Manoa Rd.
Wheeler, Oliver F., 1117 3rd Ave.
Whigam, Lucy, Pipestone, Minn.; Ewa, Oahu
Whittaker, Romaine, 1638 Mikahala Way
Wild, Ellwood C., 1718 Anapuni St.
Williams, Alexandra A., 2745 Waiaka Rd.
Wilmington, Edith D., Wailuku, Maui
Wing, Winifred E., Kamehameha Schools
Won, Arthur, 1950 Pauoa Rd.
Wong, Amon K. C., 1910 Makanani St.
Wong, Mrs. Anna A. C., 1625-E Liliha St.
Wong, Eleanor A., 1757 Fort St.
Wong, Elsie C., 3214 Olu St.
Wong, Mrs. Eva F., Box 2092, Honolulu
Wong, Mabel Y. L., 1808 Liliha St.
Wong, Robert B., 321-J Pahala Lane
Wong, Mrs. Rose G. A., 1581 Miller St.
Wong, Rose N. G., 735 9th Ave.
Wong, Mrs. Ruth C., 3446 Waialae Ave.
Wong, Sau Ki, 717 20th Ave.
Wong, Susan C., 1032 Koko Head Ave.
Wong, Winifred H., 2130 Coyne St.
Wongwai, Katherine, 2048 S. Beretania St.
Wun, En Yin, 2416 Puunui Ave.
Yamamoto, Ruth S., 2565-A Hamohamo St.
Yanagihara, Charles S., 3308 Gazette St.
Yanagihara, Evelyn A., Kohala, Hawaii; 3308 Gazette St.
Yankoff, Victor I., 41 Kitaisaya St., Harbin, Manchouku; c/o Central
Y. M. C. A.
Yap, Fook Gin, 1139 Lunalilo St.
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Yim, Emma, 1625-D Liliha St.
Yim, Sarah Ne, 1012 Belser Ave.
Yong, Patsy Y. K., 2019 Bingham St.
Yoshioka, Yone, Kanehoe, Oahu
Young, Elsie L., 404 Kaliihi St.
Young, Emma S. K., 1901 Fort St.
Young, Helen, 925 Hookipa Way
Young, Lillie K., 2135-B S. King St.
Young, Ngock Lew, Sun Ming Ting, Chung Shan District, Kwangtung Province, China; 709-B N. Vineyard St.
Yue, Mrs. Anita H., Wailuku, Maui
Yuen, Kwock Yau, 944-D N. Vineyard St.
Zen, Edith C., 2318 Marques St.
Zen, Kui Fong, 2318 Marques St.
Zink, Mrs. Nellie G., 3633 Sierra Dr.
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*Seniors graduating in February entered Graduate Division or 5th Year in Teachers College.

**See page 40.
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