The University of Hawaii
CATALOGUE

Register of Faculty and Students
1937-1938
AND
Announcement of Courses
1938-1939
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
<th>Date</th>
<th>Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>1938</td>
<td>Twenty-seventh Annual Commencement</td>
<td>June 21</td>
<td>Tuesday</td>
</tr>
<tr>
<td></td>
<td>Summer Session begins</td>
<td>June 27</td>
<td>Monday</td>
</tr>
<tr>
<td></td>
<td>Independence Day holiday</td>
<td>July 4</td>
<td>Monday</td>
</tr>
<tr>
<td></td>
<td>Summer Session closes</td>
<td>August 5</td>
<td>Friday</td>
</tr>
<tr>
<td></td>
<td>Post Session begins</td>
<td>August 8</td>
<td>Monday</td>
</tr>
<tr>
<td></td>
<td>Post Session closes</td>
<td>August 26</td>
<td>Friday</td>
</tr>
<tr>
<td></td>
<td>Last day for receiving applications for admission</td>
<td>September 1</td>
<td>Thursday</td>
</tr>
<tr>
<td></td>
<td>&quot;Freshman Week&quot;</td>
<td>September 19-20</td>
<td>Mon., Tues.</td>
</tr>
<tr>
<td></td>
<td>Registration, Thirty-first Annual Session</td>
<td>September 21-22</td>
<td>Wed., Thurs.</td>
</tr>
<tr>
<td></td>
<td>Instruction begins</td>
<td>September 26</td>
<td>Monday</td>
</tr>
<tr>
<td></td>
<td>Armistice Day holiday</td>
<td>November 11</td>
<td>Friday</td>
</tr>
<tr>
<td></td>
<td>Thanksgiving Recess</td>
<td>November 24-26</td>
<td>Thurs.-Sat.</td>
</tr>
<tr>
<td></td>
<td>Christmas Recess begins</td>
<td>December 23</td>
<td>Friday, at night</td>
</tr>
<tr>
<td>1939</td>
<td>Work resumed</td>
<td>January 5</td>
<td>Thursday</td>
</tr>
<tr>
<td></td>
<td>Formal class instruction, 1st semester, closes</td>
<td>January 31</td>
<td>Tuesday, at night</td>
</tr>
<tr>
<td></td>
<td>Mid-year Examinations</td>
<td>February 3-11</td>
<td>Fri.-Sat.</td>
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<tr>
<td></td>
<td>Registration, 2nd semester</td>
<td>February 16</td>
<td>Thursday</td>
</tr>
<tr>
<td></td>
<td>Instruction begins</td>
<td>February 17</td>
<td>Friday</td>
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<tr>
<td></td>
<td>Washington's Birthday holiday</td>
<td>February 22</td>
<td>Wednesday</td>
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<tr>
<td></td>
<td>Easter Recess</td>
<td>April 7-8</td>
<td>Fri.-Sat.</td>
</tr>
<tr>
<td></td>
<td>Seventeenth Annual Contest for Berndt Prize</td>
<td>May 25</td>
<td>Thursday</td>
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<tr>
<td></td>
<td>Memorial Day holiday</td>
<td>May 30</td>
<td>Tuesday</td>
</tr>
<tr>
<td></td>
<td>Formal class instruction, 2nd semester, closes</td>
<td>June 8</td>
<td>Thursday, at night</td>
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<tr>
<td></td>
<td>Kamehameha Day holiday</td>
<td>June 12</td>
<td>Monday</td>
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<tr>
<td></td>
<td>Final Examinations</td>
<td>June 9-17</td>
<td>Mon.-Sat.</td>
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<tr>
<td></td>
<td>Twenty-eighth Annual Commencement</td>
<td>June 20</td>
<td>Tuesday</td>
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<tr>
<td></td>
<td>Summer Session begins</td>
<td>June 26</td>
<td>Monday</td>
</tr>
<tr>
<td></td>
<td>Independence Day holiday</td>
<td>July 4</td>
<td>Tuesday</td>
</tr>
<tr>
<td></td>
<td>Summer Session closes</td>
<td>August 4</td>
<td>Friday</td>
</tr>
<tr>
<td></td>
<td>Post Session begins</td>
<td>August 7</td>
<td>Monday</td>
</tr>
<tr>
<td></td>
<td>Post Session closes</td>
<td>August 25</td>
<td>Friday</td>
</tr>
<tr>
<td></td>
<td>Last day for receiving applications for admission</td>
<td>September 1</td>
<td>Friday</td>
</tr>
<tr>
<td></td>
<td>&quot;Freshman Week&quot;</td>
<td>September 18-19</td>
<td>Mon.-Tues.</td>
</tr>
<tr>
<td></td>
<td>Registration, Thirty-second Annual Session</td>
<td>September 20-21</td>
<td>Wed.-Thurs.</td>
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</tbody>
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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 21 to February 11, the second semester from February 16 to June 20, and the 1938 summer session is from June 27 to August 5.

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 19-20. 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 51.
The Board of Regents

DAVID L. CRAWFORD (1927) *
University of Hawaii, Honolulu

CARL A. FARDEN (1933)
P.P.C.A. Experiment Station, Honolulu

MARY DILLINGHAM FEAR (1920)
1434 Punahou St., Honolulu

HERBERT E. GREGORY (1937)
3056 Waialani Rd., Honolulu

CHARLES R. HEMENWAY (1910)
Hawaiian Trust Company, 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 Student Personnel
1836 Punahou St. Hawaii Hall 124
CENIE S. HORNUNG, B.A., Assistant Dean of Student Personnel
626 Maui St. Hawaii Hall 124

DEANS AND DIRECTORS
WILLIAM 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, Ph.D., Dean of Teachers College
2128 Oahu Ave. T. C. 121
ROYAL N. CHAPMAN, Ph.D., Dean of the Graduate School of Tropical Agriculture
2361 Tantalus Dr. P.P.C.A. Exp. Sta.
THAYNE M. LIVESAY, Ph.D., Director of the Summer Session
2623 Halelena St. Hawaii Hall 117
PAUL S. BACHMAN, Ph.D., Director of the Graduate Division
2732 Manoa Rd. Hawaii Hall 118
GREGG M. SINCLAIR, M.A., Director of the Oriental Institute
2979 Kalakaua Ave. Library 204
R. RAY SCOTT, Ph.D., Director of the Adult Education Division
3803 Sierra Dr. Hawaii Hall 110
STANLEY D. PORTEUS, Sc.D., Director of the Psychological Clinic
2620 Anuenue St. Hawaii Annex 3
HOWRY H. WARNER, B.S., Director of the Agricultural Extension Service
3563 Malama Pl. Agric. Bldg. 2
O. C. MAGISTAD, Ph.D., Director of the Hawaii Agricultural Experiment Station
2226 Hyde St. Agric. Bldg. 108

* Resigned May 13, 1938.
Faculty Committees
1937-1938


ADMISSIONS: T. M. LIVESAY (Chairman), DEANS KELLER, GEORGE, and WIST, H. B. MACNEIL.

SCHOLASTIC STANDING: E. C. WEBSTER (Chairman), DEANS KELLER, GEORGE, and WIST, and C. S. HORNUNG.

HONORS: H. J. HOFLICH (Chairman), F. T. DILLINGHAM, H. S. PALMER, F. HENDERSON, and C. H. HUNTER.

GRADUATE DIVISION: P. S. BACHMAN (Chairman), R. N. CHAPMAN, G. M. SINCLAIR, H. ST. JOHN, E. M. BILGER, B. WHITE, C. A. MOORE.

LIBRARY: P. S. BACHMAN (Chairman), M. P. PRINGLE, R. N. CHAPMAN, W. B. COALE, H. P. JUDD, H. A. WADSWORTH, G. M. SINCLAIR, O. C. MAGISTAD, S. S. BALLARD.

The Faculties of the University
1937-1938

The year each member joined the staff is given in parenthesis following his title.

College of Arts and Sciences
Dean: William H. George, Ph.D.
Acting Dean (Second Semester): T. M. Livesay, Ph.D.

ANTHROPOLOGY AND SOCIOLOGY

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

FELIX M. KESSING, D.Litt., Professor of Anthropology, (1934)
B.A., Univ. New Zealand, 1924; M.A., Univ. New Zealand, 1925; Graduate Study, Yale Univ., 1928-29; Univ. Chicago, 1929-30; Lit.D., Univ. New Zealand, 1933; London School of Economics and Political Science, 1933-34.
336-A Royal Hawaiian Ave.

ELLSWORTH FARIS, Ph.D., Visiting Professor of Sociology
B.S., Texas Christian Univ., 1894; M.A., Texas Christian Univ., 1906; Ph.D., Univ. Chicago, 1914; Professor of Sociology, Univ. Chicago.
Makiki Hotel

ANDREW W. LIND, Ph.D., Associate Professor of Sociology, (1927)
Absent on leave, second semester

PETER H. BUCK, D.S.O., M.D., Lecturer in Anthropology and Ethnology
M.B., Ch.B., Univ. New Zealand, 1904; M.D., Univ. New Zealand, 1910; Fellow of New Zealand Institute; Director, Bishop Museum.
50 N. Judd St.

JOHN E. REINECKE, Ph.D., Instructor in Anthropology and Sociology, (1937)
B.A., Kansas State Teachers College, 1925; M.A., Univ. Hawaii, 1935; Ph.D., Yale Univ., 1937.
3571 Pahoa Ave.

JOHN F. EMBREE, Ph.D., Research Associate in Anthropology, (1937)
B.A., Univ. Hawaii, 1931; M.A., Univ. Toronto, 1934; Ph.D., Univ. Chicago, 1937.
4014-A Koko Dr.

BRUNHILDE KAUFER, B.A., Graduate Assistant, (1936)
B.A., Reed College, 1935.
2121 McKinley St.
ART

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

JESSIE SHAW FISHER, B.Ed., Instructor in Art, (1933)
Teachers College, Columbia Univ., 1908-10; 1911-12; B.Ed., Univ. Hawaii, 1936.
2121 McKinley St.
Hawaii Hall 216A

BEN NORRIS, B.A., Instructor in Art, (1937)
B.A., Pomona College, 1931; Graduate Work, Harvard Univ., 1932; Institute d'Art et d'Archeologie, Sorbonne, 1932.
2326-A Oahu Ave.
Hawaii Hall 216

BOTANY

HAROLD ST. JOHN, Ph.D., Professor of Botany and Botanist in the Bishop Museum, (1929)
2365 Oahu Ave.
Dean Hall 7

ARTHUR J. EAMES, Ph.D., Visiting Professor of Botany
B.A., Harvard Univ., 1908; M.A., Harvard Univ., 1910; Ph.D., Harvard Univ., 1912; Professor of Botany, Cornell Univ.
Ocean View Court, Kalia Rd.
Dean Hall 206

**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; Graduate Study and Research, John Mason Bacteriological Laboratory, Rothamsted Experimental Station, England, 1936; Univ. Wisconsin and Univ. Texas, 1937.
2011-F Lanihuli Dr.
Dean Hall 203

HARRY F. CLEMENTS, Ph.D., Associate Professor of Botany, (1937)
B.S., Univ. Wisconsin, 1924; M.S., Univ. Wisconsin, 1925; Ph.D., Univ. Chicago, 1929.
2040 Makiki St.
Dean Hall 207

**GEORGE K. PARRIS, Ph.D., Assistant Professor of Plant Pathology, (1935)
B.S.A., McGill Univ., 1930; Ph.D., Cornell Univ., 1935.
2321 Oahu Ave.
Dean Hall 210

†DANIEL M. WELLER, Instructor in Botany, (1934)
3118 Huelani Dr.
Dean Hall 202

ROBERT Catto, B.A., Graduate Assistant, (1937)
B.A., Pomona College, 1936.
2326-A Oahu Ave.

** Also on Hawaii Agricultural Experiment Station staff.
† On a part-time basis.
Faculty

LEONARD MACHLIS, B.S., Graduate Assistant, (1937)
B.S., Washington State College, 1937.
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.

WILLIAM H. TAYLOR, Ph.D., Assistant Professor of Economics, (1936)
2711 Koaianian Way

HAROLD J. HOFLICH, Ph.D., Assistant Professor of Economics and Business, (1934)
B.A., Univ. Oregon, 1925; Ph.D., Univ. California, 1933.
2621 East Manoa Rd.

LAUREN W. CASADAY, Ph.D., Instructor in Economics, (1937)
B.A., Univ. California at Los Angeles, 1927; Ph.D., Univ. California, 1937.
2621 East Manoa Rd.

J. J. DELPECH, C.P.A., Lecturer in Accounting, (1933)
3241 Kaohinani Dr.

GEORGE P. KIMBALL, LL.B., Lecturer in Business Law, (1937)
Halekulani Hotel

C. NILS TAVARES, LL.B., Lecturer in Business Law, (1937)
LL.B., Univ. Michigan, 1925.
2305 Oahu Ave.

W. DEAN HOWLAND, B.A., Lecturer in Accounting, (1937)
B.A., Dartmouth College, 1934; Accountant, Cameron and Johnstone.
1809 Makiki St.

RICHARD LIEBES, B.S., Graduate Assistant, (1936)
B.S., Univ. California, 1934.
1909 Adolph St.

ENGLISH

ARTHUR L. ANDREWS, Ph.D., Emeritus Professor of English, (1910)
B.L., Cornell Univ., 1893; M.L., Cornell Univ., 1895; Ph.D., Cornell Univ., 1902; L.H.D., (Honorary), Tufts, 1926.
2346 Liloa Rise

† On a part-time basis.
W. NORWOOD BRIGANCE, Ph.D., Professor of English, (1936)
B.A., Univ. South Dakota, 1916; M.A., Univ. Nebraska, 1920; Graduate Study, Univ. Chicago, 1921; Univ. Wisconsin, 1922; Ph.D., Univ. Iowa, 1930.
2123 Armstrong St.  Hawaii Annex 16A

GREGG M. SINCLAIR, M.A., Professor of English, (1928)
2979 Kalakaua Ave.  Library 204

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 17

N. B. BECK, Ph.D., Associate Professor of English, (1928)
2717 Kolowalu St.  Hawaii Hall 106

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

EDWIN R. CLAPP, Ph.D., Acting Associate Professor of English, (1937)
B.A., Stanford Univ., 1923; M.A., Harvard Univ., 1925; Ph.D., Harvard Univ., 1931; Associate Professor of English, Univ. Unah.
2235 Kalia Rd.  Hawaii Annex 13

LAURA V. SCHWARTZ, Ph.D., Assistant Professor of English, (1924)
Courtland Hotel  Hawaii Annex 15

THOMAS BLAKE CLARK, Ph.D., Assistant Professor of English, (1930)
1946 Vancouver Dr.  Hawaii Annex 6

FLORENCE HENDERSON, Ph.D., Assistant Professor of English, (1937)
B.A., Univ. Denver, 1921; M.A., State Univ. Iowa, 1927; Ph.D., Univ. Wisconsin, 1935.
2425 Upper Manoa Rd.  Hawaii Annex 11

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

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

GEORGE J. PEAVEY, M.A., Instructor in English, (1930)
2180-A Helumoa Rd.  Hawaii Annex 9A

MURIEL J. BERGSTROM, M.A., Instructor in English, (1931)
Paiko Dr.  Hawaii Annex 14
Faculty

J. Theodore Morgan, M.A., Instructor in English, (1936)
B.A., Ohio State Univ., 1930; M.A., Ohio State Univ., 1931; Graduate Study, Ohio State Univ., 1936.
1909 Adolph St. Hawaii Annex 8A

Cynthia Larry, M.A., Instructor in English, (1936)
Courtland Hotel Hawaii Annex 9

Stanley Orne, B.A., Instructor in English, (1936)
3462-B Manoa Rd. Hawaii Hall 106

Robert C. Elliott, M.A., Instructor in English, (1937)
1945-A Makiki St. Hawaii Annex 16

Howard L. Miller, M.A., Instructor in English, (1937) First Semester

Lucinda N. Bukley, Instructor in English, (1936)
1804 Hunnewell St. Hawaii Annex 11

Fred G. Holahan, B.A., Assistant in English, (1937)
1945-A Makiki St. Dean Hall 8

Josephine M. Chandler, B.A., Assistant in English, (1937)
11th Field Artillery, Schofield Hawaii Annex 11

Margaret M. Cass, B.A., Graduate Assistant, (1936)
2336 Beckwith St. Hawaii Annex 12

Margaret Bairros, B.A., Graduate Assistant, (1936)
B.A., Univ. California, 1936.
2121 Lanihuli Dr.

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.
Absent on leave, 1937-38

Stephen B. Jones, Ph.D., Instructor in Geography, (1935)
2219 Halulu Way Dean Hall 8

†Theodore F. Lindeman, Lecturer in Meteorology, (1935)
Georgetown Univ., 1925; Navy Meteorological School, 1925; Chief Aerographer, U.S.N.
Fleet Air Base, Pearl Harbor

† On a part-time basis.
†ARNOLD E. TRUE, M.S., Lecturer in Meteorology, (1937) First Semester
B.S., U. S. Naval Academy, 1921; M.S., Massachusetts Institute Technology, 1931; Aerological Officer, Fleet Air Base, Pearl Harbor.
Fleet Air Base, Pearl Harbor

†HUBERT E. STRANGE, M.S., Lecturer in Geography
Graduate, U. S. Naval Academy, 1926; Post-graduate work, U. S. Naval Academy, 1933-35; M.S., Calif. Institute of Technology, 1936; Aerological Officer, Fleet Air Base, Pearl Harbor.
Quarters 5, Fleet Air Base, Pearl Harbor

SUNAO IDEHARA, B.A., Graduate Assistant, (1937)
2330 Beckwith St.

GERMAN

MARIA HOERMANN, B.A., Assistant Professor of German Language, (1927)
1036 Green St. Hawaii Hall 212

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 212

HAWAIIAN

HENRY P. JUDD, B.A., Professor of Hawaiian Language, (1934)
B.A., Yale Univ., 1901; Graduate Study, Auburn Seminary, 1903-06.
2021 Kukela Dr. Library 18

HISTORY AND POLITICAL SCIENCE

WILLIAM H. GEORGE, Ph.D., Professor of History and Political Science, (1930)
B.A., Harvard Univ., 1902; M.A., Princeton Univ., 1906; Ph.D., Harvard Univ., 1921; Graduate Study under Dr. Duguit, Univ. Bordeaux.
Absent on leave, second semester

PAUL S. BACHMAN, Ph.D., Professor of Political Science, (1927)
2732 Manoa Rd. Hawaii Hall 118

RALPH S. KUYKENDALL, M.A., Assistant Professor of History, (1923)
B.A., College of Pacific, 1910; M.A., Univ. California, 1918.
2423 Halelea Pl. Library 6

CHARLES H. HUNTER, Ph.D., Assistant Professor of History, (1936)
2371-A Oahu Ave. Library 7

KLAUS MEHNERT, Ph.D., Assistant Professor of History, (1937)
Ph.D., Univ. Berlin, 1928.
2862-A Manoa Rd. Library 5

† On a part-time basis.
Faculty

SHUNZO SAKAMAKI, M.A., Instructor in History, (1936)
Absent on leave, 1937-38

RALPH REID, B.S., Graduate Assistant, (1937)
B.S., Northwestern Univ., 1936.
2536 Manoa Rd.

MUSIC

FRITZ HART, Professor of Music, (1937)
Graduate, Royal College of Music, London; Fellow of the Royal College of Music; Conductor, Melbourne Symphony Orchestra and Director of the Dame Nellie Melba Conservatorium of Music, Melbourne, Australia; Conductor of the Honolulu Symphony Orchestra since 1932.
86 Puiwa Rd.

†VERNE WALDO THOMPSON, B.Mus., Lecturer in Music, (1936)
B.A., Pacific Union College, 1922; B.Mus., American Conservatory, Chicago, 1926; studied under Kurt Wanieck, Louise Robyn, Josef Lheviane, Tomford Harris; graduate work under Arthur Olaf Anderson; director, Punahou Music School.
1369 Nehoa St.

ORIENTAL STUDIES
(See Oriental Institute, p. 27)

PHILOSOPHY

WING TSiT CHAN, Ph.D., Professor of Chinese Philosophy, (1936)
2020 Coyne St.

CHARLES A. MOORE, Ph.D., Assistant Professor of Philosophy, (1936)
B.A., Yale Univ., 1926; Ph.D., Yale Univ., 1932.
446-A Seaside Ave.

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.
2151 Mohala Way

†D. Ransom SHERRETT, M.A., Lecturer in Police Administration, (1933)
B.Ed., S. Illinois Teachers College, 1926; M.A., Univ. Hawaii, 1932; Graduate Study, Univ. Wisconsin; Personnel Officer, Honolulu Police Department.
2418 Oahu Ave.

†GEORGE F. LARSEN, Lecturer in Police Administration, (1935)
Univ. Hawaii; Univ. California; Captain, Honolulu Police Department.
2131 Armstrong St.

† On a part-time basis.
University of Hawaii

POLITICAL SCIENCE
(See History and Political Science)

PSYCHOLOGY
THAYNE M. LIVESAY, Ph.D., Professor of Education and Psychology, (1924)
B.A., Pacific Univ., 1917; M.A., 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)
B.A., Fargo College, 1907; Lenox College; Univ. Washington; M.A., State Univ.
Iowa, 1918; Ph.D., State Univ. Iowa, 1925.
Pleasanton Hotel T. C. 102

ROMANCE LANGUAGES (FRENCH, SPANISH)
IRVING O. PECKER, B.A., Professor of Romance Languages, (1919)
B.A., 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 Library 19

JOHN EARL AGUIAR, M.A., Instructor in Romance Languages, (1935)
B.A., Univ. California at Los Angeles, 1932; M.A., Univ. California (Berkeley),
1933; Graduate Study, Centro de Estudios Historicos, Madrid; Alliance Francaise,
Paris, 1934-35.
2211 Aloha Dr. Hawaii Hall 4

EVA METRAUX, Licence-es-Lettres, Instructor in Romance Languages, (1936)
Univ. Lausanne, 1921-23; Univ. Berlin, 1923-24; Licence-es-Lettres Modernes,
Univ. Lausanne, 1925; Museum of Gotemburg, 1925-27.
2631 Stream Dr. Hawaii Annex 8

SOCIOLOGY
(See Anthropology and Sociology)

ZOOLOGY

CHARLES H. EDMONDSON, Ph.D., Professor of Zoology and Zoologist in the
Bishop Museum, (1920)
B.Ph., Univ. Iowa, 1903; M.S., Univ. Iowa, 1904; Ph.D., Univ. Iowa, 1906.
2019 Vancouver Dr. Dean Hall 102

**CHRISTOPHER J. HAMRE, Ph.D., Associate Professor of Zoology, (1930)
B.A., St. Olaf College, 1923; M.S., Univ. Wisconsin, 1927; Ph.D., Univ. Wis-
consin, 1930.
Atherton House Dean Hall 104

**F. G. HOLDAWAY, Ph.D., Associate Professor of Zoology, (1937)
B.Sc., Univ. Queensland, Australia, 1923; M.S., Univ. Queensland, 1925; Graduate
Study, Cornell Univ., 1926-27; Ph.D., Univ. Minnesota, 1928; Graduate Study,
House Laboratory, Imperial Institute of Entomology, Farmhouse, England,
1928-29; Univ. Toulouse, France, 1929-30.
3014 Gulston St. Agric. Bldg. 104

** Also on Hawaii Agricultural Experiment Station staff.
**JOSEPH F. ALICATA, Ph.D., Associate Professor of Zoology, (1935)**
133 Liliuokalani St. Parasitology Lab.

MILTON A. MILLER, Ph.D., Assistant Professor of Zoology, (1935)
B.A., Univ. Illinois, 1929; Ph.D., Univ. California, 1934.
2211 Mohala Way

EDWIN H. BRYAN, JR., M.S., Lecturer in Biology, (Second Semester)
B.S., Univ. Hawaii, 1920; Ph.B., Yale Univ., 1921; M.S., Univ. Hawaii, 1924;
Graduate Study, Stanford, 1929-30; Curator Bishop Museum.
2721 Ferdinand St.

JENS M. OSTERGAARD, Instructor in Zoology, (1920)
2330 Liliha St.

†DAVID T. FULLAWAY, M.A., Lecturer in Plant Inspection
B.A., Stanford Univ., 1908; M.A., Stanford Univ., 1910; Entomologist, Board of Agriculture and Forestry.
2714 Manoa Rd.

RUTH KOJIMA YOSHIDA, M.A., Assistant in Zoology, (1937)
Waipahu, Oahu

AIBERT H. BANNER, B.S., Graduate Assistant, (1937)
B.S., Univ. Washington, 1937.
Atherton House

GORDON BEACH MAINLAND, B.A., Graduate Assistant, (1937)
Atherton House

College of Applied Science
Dean: Arthur R. Keller, M.S.

AGRICULTURE

FREDERICK G. KRAUSS, D.Sc., Emeritus Professor of Agriculture, (1921)
Prof. Agriculture, College Hawaii, 1910-14; Agronomist, Hawaii Experiment Station, 1914-21; D.Sc., (Hon.), Univ. Hawaii, 1923; Graduate Study, Univ. Berlin, Germany, 1927-28.
2437 Parker Pl.

**LOUIS A. HENKE, M.S., Professor of Agriculture, (1916)**
B.S., Univ. Wisconsin, 1912; M.S., Univ. Wisconsin, 1923; Graduate Study, Univ. Wisconsin, 1929-30.
2657 Terrace Dr. Agric. Bldg. 101

**HAROLD A. WADSWORTH, B.S., Professor of Agriculture, (1928)**
2236 Hyde St. Agric. Bldg. 100

**JOHN HERBERT BEAUMONT, Ph.D., Professor of Horticulture, (1936)**
B.S., West Virginia Univ., 1917; Ph.D., Univ. Minnesota, 1925; Special Research, Univ. Chicago, 1920; Cornell Univ., 1921-22.
2733 Punahou St. Pensacola St. Sta.

† On a part-time basis.
** Also on Hawaii Agricultural Experiment Station staff.
JULIUS L. COLLINS, Ph.D., Lecturer in Genetics, (1930)
B.S., Univ. California, 1918; Ph.D., Univ. California, 1923; Geneticist, P.P.C.A.
Experiment Station.
3875 Lurline Dr.    P.P.C.A. Exp. Sta.

CHARLES M. BICE, B.S., Assistant Professor of Poultry Husbandry, (1927)
B.S., Univ. Wisconsin, 1927.
1681 Lewalani Ave.    Poultry Farm

SAMUEL H. WORK, Ph.D., Assistant Professor of Animal Husbandry, (1936)
B.S., Ohio State Univ., 1925; Ph.D., Cornell Univ., 1934.
2021 Hunnewell St.    Farm Office

LYMAN A. DEAN, Ph.D., Assistant Professor of Soil Chemistry, (1936)
B.S., Univ. Hawaii, 1931; M.S., Univ. Wisconsin, 1932; Ph.D., Univ. Wisconsin, 1934.
2225 Hyde St.    Agric. Bldg. 14

WILLIAM B. STOREY, M.S., Instructor in Horticulture, (1935)
1653-B Liholiho St.    Pensacola St. Sta.

JAMES E. WELCH, M.S., Instructor in Horticulture, (1936)
B.S., Univ. California, 1934; M.S., Univ. California, 1935.
2159 Ala Wai Blvd.    Pensacola St. Sta.

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, 1922-23.
2562 Alaula Way    Gartley Hall 214

LEONORA NEUFFNER BILGER, Ph.D., Professor of Chemistry, (1928)
2328 Seaview Ave.    Gartley Hall 212

EARL M. BILGER, Ph.D., Associate Professor of Chemistry, (1925)
2328 Seaview Ave.    Gartley Hall 201

W. R. MCALEP, Lecturer in Sugar Technology, (1919)
Sugar Technologist, H.S.P.A. Experiment Station, Honolulu.
2031 Vancouver Dr.

JOHN H. PAYNE, Ph.D., Assistant Professor of Chemistry, (1932)
B.S., Butler Univ., 1927; M.A., Univ. Cincinnati, 1928; Ph.D., Univ. Cincinnati, 1936; Research Fellow Univ. Munich, 1930-31.
1410 Center St.    Gartley Hall 209

†On a part-time basis.
**Also on Hawaii Agricultural Experiment Station staff.
Faculty

GIICHI FUJIMOTO, M.S., Instructor in Chemistry, (1921)
B.S., Univ. Hawaii, 1921; M.S., Univ. Hawaii, 1923.
Absent on leave, 1937-38

THOMAS SHAW, B.S., Graduate Assistant, (1937)
B.S., California Institute of Technology, 1937.
Atherton House

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.

CARL B. ANDREWS, M.S., Professor of Engineering, (1920)
B.S., Rose Polytechnic Institute, 1908; M.S., Rose Polytechnic Institute, 1909;
C.E., Rose Polytechnic Institute, 1917; M.S., Massachusetts Institute of Technology, 1928.
2356 Waolani Ave.

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.

WILFRED J. HOLMES, M.S., Assistant Professor of Engineering, (1935)
Diploma, U. S. Naval Academy, 1922; M.S., Columbia Univ., 1929.
4009 Black Point Rd.

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, 1933-35; Worcester Polytechnic Institute, 1936-37.
2421-A Ala Wai Blvd.

GEOLOGY

HAROLD S. PALMER, Ph.D., Professor of Geology, (1920)
B.A., Yale Univ., 1912; Ph.D., Yale Univ., 1923; Graduate Study, Univ. Vienna, 1926-27.
Absent on leave, second semester.

J. EDWARD HOFFMEISTER, Ph.D., Acting Professor of Geology
A.B., Johns Hopkins Univ., 1920; Ph.D., Johns Hopkins Univ., 1923; Professor of Geology, Univ. Rochester.
22 Ocean View Court

HOME ECONOMICS

**CAREY D. MILLER, M.S., Professor of Foods and Nutrition, (1922)
B.A., Univ. California, 1917; M.S., Columbia Univ., 1922; Graduate Study, Yale Univ., 1928-29.
2627 Kaapiu St.

ANNA B. DAHL, Assistant Professor of Textiles and Design, (1917)
Formerly head of Vienna School of Costume Design, San Francisco; Exposition of the New Applied Art, Paris, France; Vienna School of Design, Paris, France, 1925.
2289 Kamehameha Ave.

** Also on Hawaii Agricultural Experiment Station staff.
18

University of Hawaii

KATHERINE BAZORE, M.A., Assistant Professor of Home Economics, (1929)
B.S., Ohio State Univ., 1917; M.A., Teachers College, Columbia Univ., 1925.
1019 Thirteenth Ave. Hawaii Hall 203

**MARTHA POTGIETER, Ph.D., Assistant Professor of Home Economics, (1936)
B.A., State Univ. Iowa, 1929; M.S., State Univ. Iowa, 1930; Ph.D., Columbia

MAURINE FLINT, B.S., Instructor in Home Economics, (1936)
B.S., Utah State College, 1932. 2162 Atherton Rd. Cafeteria

CHRISTINE LAIRD, B.S., Instructor in Home Economics, (1937)
B.S., Univ. Hawaii, 1932; Certificate in Diatetics, Univ. California, 1937.
243 Saratoga Rd. Hawaii Hall 203

NORA WONG MARK, B.S., Assistant in Home Economics, (1934)
B.S., Univ. Hawaii, 1934. 1908 Coyne St. Palmer House

HELEN YONGE, B.S., Assistant in Home Economics, (1935)
B.S., Univ. Hawaii, 1935. 2256-A Oahu Ave. Hawaii Hall 202

†MARY DOUGLAS SMITH, M.A., Lecturer in Home Economics, (1936)

†AMY MACOWAN, M.A., R.N., Lecturer in Child Hygiene, (1931)
B.A., Beloit College, 1914; Diploma, Presbyterian Hospital School for Nurses,
Chicago, 1922; M.A., Teachers College, Columbia Univ., 1926; Director, Nurs-
ing Department, Palama Settlement.
2812 Kahawai St. Hawaii Hall 120

†FRANK H. GAUDIN, M.D., Lecturer in Child Hygiene, (1932)
M.D., Univ. Toronto, 1927; Hospital for Sick Children, Toronto, 1928-30.
Kalanianaole Highway

MATHEMATICS

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

ERNEST C. WEBSTER, C.E., Professor of Mathematics and Engineering, (1925)
Ph.B., Yale Univ., 1904; C.E., Yale Univ. 1906.
1836 Punahou St. Hawaii Hall 124

ELVIN A. HOY, B.S., Assistant Professor of Mathematics and Engineering,
(1930)
B.S., Oregon State College, 1925; Graduate Study, Stanford Univ.; Oregon State
College, 1925; Univ. California, 1928; Univ. Munich, Germany, 1933-34.
3359 Kilauea Ave. Engineering Bldg. 21

† On a part-time basis.
** Also on Hawaii Agricultural Experiment Station staff.
Faculty

3465 Waialae Ave.
Hawaii Annex 6A

PHYSICS

WILLARD H. ELLER, Ph.D., *Associate Professor of Physics*, (1928)
B.S., Univ. California, 1914; M.S., Univ. Washington, 1925; Ph.D., Univ. California, 1928.
3169 Oahu Ave.

STANLEY S. BALLARD, Ph.D., *Assistant Professor of Physics*, (1935)
B.A., Pomona College, 1928; Graduate Study, Dartmouth College, 1928-30; M.A., Univ. California, 1932; Ph.D., Univ. California, 1934; Research Fellow, Univ. California, 1934-35.
2845 Oahu Ave.

IWAO MIYAKE, M.S., *Instructor in Physics*, (1927)
B.S., Univ. Hawaii, 1926; M.S., Univ. Hawaii, 1929; Graduate Study, Univ. California, 1929.
Absent on leave, 1937-38

†ARTHUR BEACH, B.S., *Lecturer in Physics*, (1937)
B.S., Rensselaer Polytechnic Institute, 1930.
309-B Paioakalani St.

MARTIN NELSON, B.S., *Graduate Assistant*, (1937)
B.S., College of Puget Sound, 1937.
2692 Oahu Ave.

SHIGEO OKUBO, B.S., *Graduate Assistant*, (1937)
B.S., Univ. Hawaii, 1937.
1266 Matlock Ave.

PUBLIC HEALTH NURSING*

†AMY MACOWAN, M.A., R.N., *Director of the Course*, (1931)
B.A., Beloit College, 1914; Diploma, Presbyterian Hospital School for Nurses, Chicago, 1922; M.A., Teachers College, Columbia Univ., 1926; Director, Nursing Department, Palama Settlement.
2812 Kahawai St.
Hawaii Hall 120

†FRANK H. GAUDIN, M.D., *Child Hygiene*, (1932)
M.D., Univ. Toronto, 1927; Hospital for Sick Children, Toronto, 1928-30.
Kalaniemole Highway

†THEODORA FLOYD, M.A., R.N., *Child Hygiene*, (1937)
B.A., Pasadena College, 1924; R.N., Los Angeles General Hospital, 1927; M.A., Columbia Univ., 1932; Maternity and Infancy Advisory Nurse, Board of Health, Honolulu.
2417 Haleleia Pl.

† On a part-time basis.
* Several doctors and nurses are engaged to conduct portions of the Course in Public Health Nursing.
SOCIAL WORK TRAINING

EILEEN BLACKEY, M.S.S., Director of the Course, (1936)
B.A., Univ. Wisconsin, 1925; M.S.S., Smith College, 1930.
1921 Komaia Dr. Hawaii Hall 120

SUGAR TECHNOLOGY
(See Chemistry)

Teachers College
Dean: Benjamin O. Wist, Ph.D.

BENJAMIN O. WIST, Ph.D., Professor of Education, (1931)
B.A., Spokane College, 1910; M.A., Univ. Hawaii, 1924; Ph.D., Yale Univ.,
1927. 2128 Oahu Ave. T. C. 121

THAYNE M. LIVESAY, Ph.D., Professor of Education and Psychology, (1924)
B.A., Pacific Univ., 1917; M.A., Univ. Washington, 1921; Stanford Univ.;
Ph.D., Univ. Washington, 1931. 2623 Halelela St. T. C. 119B

E. VERN SAYERS, Ph.D., Professor of Education, (1931)
B.A., Indiana Univ., 1914; M.A., Indiana Univ., 1921; Ph.D., Columbia Univ.,
1929. Absent on leave, 1937-38

FRED E. ARMSTRONG, M.S., Associate Professor of Agricultural Education,
(1926)
B.S., Clemson College, 1916; M.S., Univ. Minnesota, 1921; Graduate Study,
Univ. Minnesota, 1922-23. 2013 Lanihihi Dr. T. C. 213½

R. RAY SCOTT, Ph.D., Associate Professor of Education, (1935)
Ph.B., Hiram College, 1914; Graduate Study, Union Theological Seminary, 1915;
M.A., Columbia Univ., 1916; Graduate Study, Univ. Wisconsin, Univ. Chicago,
Univ. Pittsburgh; Ph.D., Ohio State Univ., 1952. 3803 Sierra Dr. Hawaii Hall 110

IDA J. CARO, M.A., Assistant Professor of Education and Principal, Elementary
and Intermediate School, (1931)
Certificate, Lewiston State Normal School; Diploma, San Jose State Teachers
College, 1916; Univ. California; Univ. Chicago; B.S., Diploma Supervisor in
Normal Schools, Teachers College, Columbia Univ., 1927; M.A., Univ. Hawaii,
1929. Absent on leave, second semester.

WILLIS B. COALE, Ph.D., Assistant Professor of English, (1931)
B.A., Oberlin College, 1912; M.A., Columbia Univ., 1927; Ph.D., Columbia
Univ., 1929. 1329 Highview Pl. T. C. 102

MADORAH E. SMITH, Ph.D., Assistant Professor of Education, (1931)
B.A., Fargo College, 1907; Lenox College; Univ. Washington; M.A., State
Univ. Iowa, 1918; Ph.D., State Univ. Iowa, 1923. Pleasanton Hotel T. C. 102
Faculty

JESSE A. TANNER, Ph.D., Assistant Professor of Education, (1931)
1423 Meyers St. T. C. 102

GLENN C. COOK, M.S., Assistant Professor of Agricultural Education, (1936)
B.S., Univ. Nebraska, 1922; M.S., Univ. Nebraska, 1923.
2510 Rainbow Dr. T. C. 102

BRUCE WHITE, Ph.D., Assistant Professor of Education, (1936)
2011-A Hunnewell St.

WILLIAM THOMAS BRYAN, Ph.D., Assistant Professor of Education, (1937)
B.S., Missouri State Teachers College, 1933; M.A., Yale Univ., 1936; Ph.D., Yale Univ., 1937.
2411 Cleghorn Dr. T. C. 119B

DOUGLAS T. BROWN, M.Ed., Instructor in Education and Social Science, (1931)
1939 Ahuula St. T. C. 217

ELIZABETH D. W. BROWN, Ph.D., Instructor in Natural Science, (1931)
B.A., Maryville College, 1905; M.A., Maryville College, 1911; B.A., Univ. Michigan, 1908; M.A., Univ. Michigan, 1909; Ph.D., Univ. Michigan, 1912; Biological Laboratory, Woods Hole; Cornell Univ.; Yale Univ.
1714 Beckley St. T. C. 213

WILLIAM A. McCARTNEY, M.A., Instructor in English, (1937)
2323 Oahu Ave. T. C. 102

CYNTHIA BUCK GEISER, M.A., Instructor in Library Science, (1927)
B.A., Western State College, 1926; M.A., Univ. Hawaii, 1929.
2761 Oahu Ave. T. C. Library

CARLOS HANCEY, B.S., Instructor in Education and Music, (1935)
Diploma, Brigham Young College, 1925; B.S., Utah State College, 1928.
2525 Malama Pl. T. C. 112

SPENCER W. TINKER, M.S., Instructor in Education, (1932)
Pleasanton Hotel T. C. 111

GLADYS M. TRAUT, M.A., Instructor in Education and Acting Principal, Elementary and Intermediate School, (1931)
2238-G Helumoa Rd. T. C. 101

* In cooperation with Department of Public Instruction.
DELLA Z. COPP, M.A., Instructor in Education, (1931)
Diploma, Fitchburg State Normal School, 1904; B.A., Univ. Pittsburgh, 1920;
Univ. California; M.A., Univ. Hawaii, 1930.
Brookland Hotel T. C. Elem. Sch. 4

LORRAINE A. FREITAS, M.A., Instructor in Education, (1931)
Diploma, Territorial Normal School, Hawaii, 1926; B.A., Colorado State Teachers
College, 1929; M.A., Colorado State Teachers College, 1931.
1415 Lauhala St. T. C. Elem. Sch. 1

LA VERNE M. BENNETT, M.A., Instructor in Health Education, (1936)
B.A., Fitchburg State College, 1934; M.A., Univ. California, 1936.
813 Twenty-first Ave. T. C. Dispensary

AGNES C. BICKERTON, M.A., Instructor in Dental Hygiene, (1935)
Univ. California; Diploma, Honolulu Dental Infirmary School of Dental Hygiene,
2844 Park Ave. T. C. 211

JESSIE SHAW FISHER, B.Ed., Instructor in Art, (1933)
Teachers College, Columbia Univ., 1908-10, 1911-12; B.Ed., Univ. Hawaii,
1936.
2121 McKinley St. T. C. Elem. Shop

FAITH SNIDER, Instructor in Art, (1932)
California School of Fine Arts, 1926; Rudolf Schaefer School of Design, 1928.

†ALLEN B. HARWELL, D.D.S., Lecturer in Dental Hygiene, (1936)
D.D.S., Vanderbilt Univ., 1921.
Lanikai, T. H.

†EDWARD C. HOEY, D.M.D., Lecturer in Dental Hygiene, (1936)
D.M.D., Harvard Univ., 1917.
Makalei Pl.

†H. DOROTHY DUDLEY, D.D.S., Lecturer in Dental Hygiene, (1936)
Western Reserve Univ., 1916-17; D.D.S., Denver Univ., 1928.
2140 Atherton Rd.

†LYLE G. PHILLIPS, M.D., F.A.C.S., Lecturer in Dental Hygiene, (1936)
B.S., Univ. Wisconsin, 1921; M.D., Rush Medical College, 1923.
2723 Puuholonua St.

†MERVYN I. CONNER, D.D.S., Lecturer in Dental Hygiene, (1936)
D.D.S., Univ. California, 1926; Dental Director, Palama Settlement, Honolulu.
2417 Parker Pl.

†LESLIE E. EICHELBERGER, M.A., Lecturer in Education, (1936)
B.A., Denver Univ., 1908; M.A., Denver Univ., 1930; Older Boys' Work Sec­
retary, Y.M.C.A., Honolulu.
P. O. Box 459

†LAWRENCE NORRIB, M.A., Lecturer in Education, (1936)
B.S., Springfield College, 1926; M.A., Columbia Univ., 1935; Director, Adult
Education, Y.M.C.A., Honolulu.
671 Eighteenth Ave.

† On a part-time basis.
Faculty

†FREDERICK B. FORBES, B.A., Lecturer in Boy Scout Training, (1937)
B.A., Oberlin College, 1926; National Training School for Scout Executives, 1936; Scout Executive, Honolulu Council of Boy Scouts of America.
3697 Woodlawn Dr.

†EDNA R. REESE, Lecturer in Girl Scout Training, (1932)
Director, Girl Scouts of Oahu.
Niumalu Hotel

†THEODORE R. RHEA, C.P.H., Lecturer in Health Education, (1933)
B.A., Denver Univ., 1927; C.P.H., Yale Univ., 1931; Director, Division of Health Education, Department of Public Instruction, Hawaii.
Aiea, T. H.

PAUL BALDWIN, B.A., Graduate Assistant, (1937)
B.A., Univ. California, 1936.
Central Union Church Campus

R. J. WENTWORTH-ROHR, B.A., Graduate Assistant, (1937)
B.A., St. Johns College, 1928.
1521-B Wilder Ave.

Department of Athletics and Recreation

OTTO KLUM, B.A., Professor of Physical Education and Director of Athletics, (1921)
B.A., Univ. Hawaii, 1930.
1525-A Wilder Ave.

MAY K. GAY, M.A., Instructor in Physical Education, (1925)
1611 Keeaumoku St.

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

RUTH D. WATERMAN, M.A., Instructor in Physical Education, (1931)
2115 Kamehameha Ave.

THEODORE SEARLE, B.S., Instructor in Physical Education, (1929)
B.S., Univ. Hawaii, 1926.
424 Eelelupe Rd.

LA VERNE M. BENNETT, M.A., Instructor in Health Education, (1936)
813 Twenty-first Ave.

LUCY L. MCGOWAN, R.N., In Charge of University Dispensary, (1932)
2344 Beckwith St.

† On a part-time basis.
University of Hawaii

Department of Military Science and Tactics

MARCEL A. GILLIS, Major, Graduate of Infantry School, Company Officers and
Advanced Course, Professor of Military Science and Tactics, (1937)
1038 Spencer St. R.O.T.C. Bldg.

HOWARD D. CRISWELL, Captain, Graduate Infantry School Company Officers
Course, Assistant Professor of Military Science and Tactics, (1937)
1924 Vancouver Dr. R.O.T.C. Bldg.

EDWARD J. BARNES, Sergeant, Company "K", 35th Infantry, Instructor in Milit­
ary Science and Tactics, (1937)
1018-B Keeaumoku St. R.O.T.C. Bldg.

PATRICK J. HOGAN, Sergeant, Company "F", 35th Infantry, Instructor in Milit­
ary Science and Tactics, (1937)
1817 Wilder Ave. R.O.T.C. Bldg.

Graduate School of Tropical Agriculture

Dean: Royal N. Chapman, Ph.D.

ROYAL N. CHAPMAN, Ph.D.
B.A., Univ. Minnesota, 1914; M.A., Univ. Minnesota, 1915; Ph.D., Cornell
Univ., 1917; Schuyler Fellow in Biology and Entomology, Cornell Univ., 1913-
16; member university staff, Univ. Minnesota, 1916-30; Fellow, Guggenheim
Foundation, 1926-27; Special Research, Rothamsted Experimental Station and
European Parasite Laboratory, Hyeres, Var, France; Travelling Professor, Inter­
national Education Board, Rockefeller Foundation, 1927; Director, Experiment
Station, P.P.C.A.
2361 Tantalus Dr. P.P.C.A. Sta.

BOTANY AND PATHOLOGY

OSCAR NELSON ALLEN, Ph.D., Bacteriology.
B.A., Univ. Texas, 1927; M.A., Univ. Texas, 1927; Ph.D., Univ. Wisconsin,
1930; Graduate Study and Research, John Mason Bacteriological Laboratory,
Rothamsted Experimental Station England, 1936; Univ. Wisconsin and Univ.
Texas, 1937. Associate Professor of Plant Pathology and Bacteriology, Univ.
Hawaii.
2011-F Lanihuli Dr. Dean Hall 203

JOHN H. BEAUMONT, Ph.D., Horticulture.
B.S., West Virginia Univ., 1917; Ph.D., Univ. Minnesota, 1925; Research in
Genetics and Plant Physiology, Univ. Chicago, 1920; Cornell Univ., 1921; mem­
ber university staff, Univ. Minnesota, 1918-28; Head, Dept. of Horticulture,
North Carolina State College, 1928-32; Head, Dept. of Horticulture, Univ.
Maryland, 1932-36; Horticulturist, Hawaii Agricultural Experiment Station.
2733 Puuhonua St. Pensacola St. Sta.

HAROLD E. CLARK, Ph.D., Plant Physiology.
B.S., Massachusetts Agricultural College, 1928; M.S., Rutgers Univ., 1931; Ph.D.,
Rutgers Univ., 1933; National Research Council Fellow, Yale Univ., 1933-35;
Associate Biochemist and Acting Physiologist, Experiment Station, P.P.C.A.
737-A Spencer St. P.P.C.A. Sta.
Harry F. Clements, Ph.D., Plant Physiology.
B.S., Univ. Wisconsin, 1924; M.S., Univ. Wisconsin, 1925; Ph.D., Univ. Chicago, 1929; Instructor of Plant Physiology and Assistant Physiologist, Michigan Experiment Station, 1925-28; Assistant Professor of Plant Physiology, Washington State College, 1929-32; Associate Professor of Plant Physiology, Washington State College, 1932-36; Associate Professor of Plant Physiology, Univ. Hawaii.
2040 Makiki St.  
Dean Hall 207

Maurice B. Linford, Ph.D., Plant Pathology.
B.S., Utah Agricultural College, 1922; M.A., Utah Agricultural College, 1924; Ph.D., Univ. Wisconsin, 1927; National Research Council Fellow, 1927-29; Associate Pathologist, U. S. Bureau of Plant Industry, summer 1928; Pathologist, Experiment Station, P.P.C.A.
2324 Kaala Ave.  
P.P.C.A. Sta.

Harold Lloyd Lyon, Ph.D., Forest Botany.
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, 1910-11; investigation of forestry and cane diseases, southern United States, Cuba, Jamaica, Panama, and Costa Rica, 1919-20; on forestry problems in South and Central America, 1927-28; investigation of forestry and cane breeding in India, Java, Malay States, 1930-31; Director, Experiment Station, H.S.P.A.
1328 Matlock Ave.  
H.S.P.A. Sta.

George K. Parris, Ph.D., Plant Pathology.
B.S.A., McGill Univ., 1930; Ph.D., Cornell Univ., 1935; Assistant Professor of Plant Pathology, Univ. Hawaii, and Associate Plant Pathologist, Hawaii Agricultural Experiment Station.
2321 Oahu Ave.  
Dean Hall 210

Christos Plutarch Sideris, Ph.D., Plant Physiology.
B.C., Samos Lyceum, Greece, 1909; B.S., Univ. California, 1921; Ph.D., Univ. California, 1924; Physiologist, Experiment Station, P.P.C.A.
2651 Pamoa Rd.  
P.P.C.A. Sta.

Harold St. John, Ph.D., Taxonomy.
B.A., Harvard Univ., 1914; M.A., Harvard Univ., 1915; Ph.D., Harvard Univ. 1917; Graduate Study, Sorbonne, France, 1919; Research, Botanischer Garten und Museum, Berlin-Dahlem, Germany; Royal Botanic Gardens, Kew, England; Gray Herbarium, Harvard Univ., 1935-36; Professor of Botany, Univ. Hawaii, and Botanist, Bishop Museum.
2365 Oahu Ave.  
Dean Hall 7

Chemistry and Soils

Stanley S. Ballard, Ph.D., Physics.
B.A., Pomona College, 1928; Graduate Study, Dartmouth College, 1928-30; M.A., Univ. California, 1932; Ph.D., Univ. California, 1934; Research Fellow in Physics, Univ. California, 1934-35; Research Associate in Geophysics, U. S. National Park Service, and Assistant Professor of Physics, Univ. Hawaii.
2845 Oahu Ave.  
Gartley Hall 104

Leonora Neuffer Bilger, Ph.D., Organic Chemistry.
2328 Seaview Ave.  
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AH SIN CHAR, Junior Stenographer.
1158 Lunalilo St. Pensacola St. Sta.

ANIMAL HUSBANDRY

B.S., Univ. Wisconsin, 1912; M.S., Univ. Wisconsin, 1923; Graduate Study, Univ. Wisconsin, 1929-30.
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.
2021 Hunnewell St. Univ. Farm Office

Andrew W. Burt, N.D.D., Principal Agricultural Aide.
Makawao, Maui Haleakala Branch Sta., Maui

BACTERIOLOGY AND PATHOLOGY

*Oscar Nelson Allen, Ph.D., Collaborator in Bacteriology.
B.A., Univ. Texas, 1927; M.A., Univ. Texas, 1927; Ph.D., Univ. Wisconsin, 1930; Graduate Study and Research, John Mason Bacteriological Laboratory, Rothamsted Experimental Station, England, 1936; Univ. Wisconsin and Univ. Texas, 1937.
2011-F Lanihuli Dr. Dean Hall 203

*George K. Parris, Ph.D., Plant Pathologist.
B.S.A., McGill Univ., 1930; Ph.D., Cornell Univ., 1935.
2321 Oahu Ave. Dean Hall 210

* Also member of instructional staff.
KAZUO KIKUTA, B.S., Under Scientific Helper.
B.S., Univ. Hawaii, 1936.
1710 Fort St.  Dean Hall 210

CHEMISTRY AND SOILS

O. C. MAGISTAD, Ph.D., Principal Chemist.
B.S., Univ. Wisconsin, 1922; M.S., Univ. Wisconsin, 1923; Ph.D., Univ. Wisconsin, 1924.

EARL M. BILGER, Ph.D., Collaborator in Chemistry.
B.S., Wesleyan Univ., 1920; M.S., Wesleyan Univ., 1921; Ph.D., Yale Univ., 1925; Graduate Study, Univ. Cincinnati, 1928-29; Cambridge Univ., England, 1935.
2328 Seaview Ave.  Gartley Hall 201

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, 1930-31.
1410 Center St.  Gartley Hall 209

LYMAN A. DEAN, Ph.D., Assistant Chemist.
B.S., Univ. Hawaii, 1931; M.S., Univ. Wisconsin, 1932; Ph.D., Univ. Wisconsin, 1934; National Research Council Fellow, 1935-36; Rothamsted Experimental Station, England.
2225 Hyde St.  Agric. Bldg. 14

EDWARD T. FUKUNAGA, M.S., Assistant in Agricultural Chemistry.
B.S., Univ. Hawaii, 1934; M.S., Univ. Hawaii, 1935.

ROBERT R. THOMPSON, B.S., Scientific Aide.
B.S., Univ. Hawaii, 1933.
Kailua, Oahu 1807 S. Beretania St.

CLARENCE LYMAN, Graduate Research Assistant
B.S., Univ. Hawaii, 1937.
1914 University Ave.  Agric. Bldg. 14

ENTOMOLOGY

F. G. HOLDAWAY, Ph.D., Entomologist.
B.Sc., Univ. Queensland, Australia, 1923; M.Sc., Univ. Queensland, Australia, 1925; Ph.D., Univ. Minnesota, 1928.
304 Gulston St.  Agric. Bldg. 104

AMY SUEHIRO, M.S., Assistant in Entomology.
B.S., Univ. Hawaii, 1927; M.S., Univ. Hawaii, 1936.
3746 Pukalani Pl.  Agric. Bldg. 103

FOODS AND NUTRITION

CAREY D. MILLER, M.S., Professor of Foods and Nutrition.
B.A., Univ. California, 1917; M.S., Columbia Univ., 1922; Graduate Study, Yale Univ., 1928-29.
2627 Kapiolani St.  Nutrition Lab.

Resigned from Station staff, May 13, 1938.
Resigned from Station staff, Jan. 1938.
Also member of instructional staff.
In cooperation with Bureau of Chemistry & Soils, U. S. Dept. of Agriculture.
NILS P. LARSEN, M.D., Collaborator.
B.S., Massachusetts State College; M.D., Cornell Univ., 1915.
Kaalawai
Queen’s Hospital

*MARTHA POTIGETER, Ph.D., Assistant Professor of Foods and Nutrition.
B.S., State Univ. Iowa, 1929; M.S., State Univ. Iowa, 1930; Ph.D., Columbia
Univ., 1935.
2129 Kamehameha Ave.
Nutrition Lab.

LUCILLE LOUIS, B.S., Laboratory Assistant.
B.S., Univ. Hawaii, 1935.
1060 Koko Head Ave.
Nutrition Lab.

TOYO TAKASE, B.S., Minor Scientific Helper.
B.S., Univ. Hawaii, 1934.
2451 Pauoa Rd.
Nutrition Lab.

KISAKO YANAZAWA, Laboratory Assistant.
1314 Fifteenth Ave.
Nutrition Lab.

HORTICULTURE

*JOHN H. BEAUMONT, Ph.D., Principal Horticulturist.
B.S., West Virginia Univ., 1917; Ph.D., Univ. Minnesota, 1925; Special Re­
search, Univ. Chicago, 1920; Cornell Univ., 1921-22.
2733 Puu honua St.
Pensacola St. Sta.

WINSTON W. JONES, Ph.D., Assistant Physiologist.
B.S., Alabama Polytechnic Institute, 1931; M.S., Purdue Univ., 1933; Ph.D.,
Univ. Chicago, 1936.
2437 Parker Pl.
Pensacola St. Sta.

*JAMES E. WELCH, M.S., Junior Olericulturist.
B.S., Univ. California, 1934; M.S., Univ. California, 1935.
2159 Ala Wai Blvd.
Pensacola St. Sta.

*WILLIAM B. STOREY, M.S., Biological Aide.
1653-B Liholiho St.
Pensacola St. Sta.

G. WEIDMAN GROFF, M.S., Collaborator in Horticulture.
Lingnan Univ., Canton, China

MARGUERITE EVELYN HARTUNG, B.A., Assistant in Horticulture.
B.A., Univ. Hawaii, 1936.
1530 Makiki St.
Pensacola St. Sta.

PAUL GUEST, M.S., Graduate Research Assistant.
B.S., Univ. California at Los Angeles, 1936; M.S., A. & M. College of Texas,
1937.
2230 Kamehameha Ave.
Pensacola St. Sta.

GERTRUDE M. XAVIER, Senior Stenographer.
Expt. Sta. Reservation, Tantalus Rd.
Pensacola St. Sta.

* Also member of instructional staff.
IRRIGATION

H. A. WADSWORTH, B.S., Irrigation Engineer and Soil Physicist.
2236 Hyde St.  

PARASITOLOGY AND ZOOLOGY

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

C. J. HAMRE, Ph.D., Zoologist and Histologist.
B.A., St. Olaf College, 1923; M.S., Univ. Wisconsin, 1927; Ph.D., Univ. Wisconsin, 1930.
Aheron House  

H. J. SPENCER, B.A., Acting District Agent.
1549 Dominis St.  

GEORGE W. H. Goo, B.S., Scientific Aide.
B.S., Univ. Hawaii, 1929.
1310 Matlock Ave.  

FLOYD A. ELLIOT, Assistant Biological Aide.
2216 Hyde St.  

POULTRY

C. M. BICE, B.S., Poultry Husbandman.
B.S., Univ. Wisconsin, 1927.
1681 Lewalani Dr.  

BRANCH STATIONS AND FARMS

R. K. PAHAU, B.S., Superintendent, Kona Branch Station.
B.S., Univ. Hawaii, 1918.  

Keauhou, N. Kona, Hawaii  

ANDREW W. BURT, N.D.D., In Charge, Haleakala Branch Station.
Makawao, Maui  

FRANK MERCADO, Foreman, Pensacola Branch Station.
1094 Vineyard St.  

CHARLES MARUYAMA, B.S., Superintendent, University Farms.
B.S., Univ. Hawaii, 1935.  

University Farm  

* Also member of instructional staff.  
** In cooperation with Bureau of Biological Survey, U. S. Dept. of Agriculture.
Experiment Station
Pineapple Producers Cooperative Association

ADMINISTRATION

ROYAL N. CHAPMAN, Ph.D., Director.
2361 Tantalus Dr.

HARRY L. DENISON, B.S., Business Manager.
4607 Kahala Ave.

OLIVE S. CUNNINGHAM, Secretary to the Director.
Na Pua Hotel

CLAIRE B. DALVE, Secretary to the Business Manager.
MacDonald Hotel

EMMA WILSON, Librarian.
3807 Maunaloa Ave.

AUDREY HOOPER, Clerk-stenographer.
Beach Walk Inn

JEANNE CRABB, Clerk-stenographer.
2421 Prince Edward St.

WALTER LUM KING, Clerk-stenographer.
903 Seventh Ave.

WARREN CHOW, Clerk-stenographer.
610 Kunawai Lane

HERBERT MARCIHL, Clerk.
2163 Chamberlain Ave.

HAROLD KIM, Clerk.
Wahiawa, Oahu

AGRICULTURE

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

WILLIAM A. BALDWIN, Ph.B., Consulting Agriculturist.
Ph.B., Yale Univ., 1892.
Niles, California
ENTOMOLOGY

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

CARL T. SCHMIDT, Ph.D., Associate Entomologist.
B.A., Univ. Minnesota, 1929; Ph.D., Univ. Hawaii, 1934.
731-A Twelfth Ave. Main Lab.

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

KAY SAKIMURA, Assistant Entomologist.
Yamaguchi School, Japan.
1358 Fifteenth Ave. Main Lab.

GENETICS

JULIUS L. COLLINS, Ph.D., Geneticist.
B.S., Univ. California, 1918; Ph.D., Univ. California, 1923.
3875 Lurline Dr. Main Lab.

KENNETH KERNS, M.S., Assistant Geneticist.
B.S., Univ. Hawaii, 1926; M.S., Univ. Hawaii, 1931; Graduate Study, Univ. Berlin, 1931-32.
Wahiawa, Oahu Wahiawa Office

PATHOLOGY

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

KENNETH F. BAKER, Ph.D., Associate Pathologist.
731 Twelfth 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, 1926-27; Univ. Wisconsin, 1935-36.
MacDonald Hotel Path. Lab.

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

MARION C. OKIMOTO, B.S., Scientific Aide.
B.S., Univ. Hawaii, 1934.
3468 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

HAROLD E. CLARK, Ph.D., Associate Biochemist and Acting Physiologist In Charge.
B.S., Massachusetts Agricultural College, 1928; M.S., Rutgers Univ., 1931; Ph.D., Rutgers Univ., 1933.
737-A Spencer St. Main Lab

CHRISTOS PLUTARCH SIDERIS, Ph.D., Physiologist.
B.C., Samos Lyceum, Greece, 1909; B.S., Univ. California, 1921; Ph.D., Univ. California, 1924.
2651 Pamoa Rd. Main Lab

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

BEATRICE H. KRAUSS, M.S., Assistant Physiologist.
B.S., Univ. Hawaii, 1926; M.S., Univ. Hawaii, 1930.
2437 Parker Pl. Main Lab

LILLIAN S. K. LOUIS, B.S., Scientific Aide.
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

HONG YIP YOUNG, M.S., Scientific Aide.
B.S., Univ. Hawaii, 1932; M.S., Univ. Hawaii, 1933.
1333 Pensacola St. Main Lab

United States Bureau of Entomology and Plant Quarantine

HONOLULU LABORATORY

O. C. McBRIDE, M.A., Entomologist in Charge.
3727 Manini Way

ARTHUR C. MASON, M.S., Associate Entomologist.
B.S., Univ. Michigan, 1913; M.S., Univ. Florida, 1915.
2347 University Ave.

C. B. KECK, M.S., Assistant Entomologist.
B.S., Kansas State Agricultural College, 1927; M.S., Kansas State Agricultural College, 1928.
2123 Round Top Dr.

R. H. MARLOWE, M.S., Junior Entomologist.
B.S., Rollins College, 1928; M.S., Univ. Hawaii, 1934.
Makiki Hotel
Partial List of Faculty Additions for 1938-39

The following appointees to the faculties of the University, whose names are mentioned in the announcement of courses of instruction for 1938-39, were not members of the faculty for 1937-38.

HERBERT BLUMER, Ph.D., Visiting Professor of Sociology
B.A., Univ. Missouri; Ph.D., Univ. Chicago; Associate Professor of Sociology, Univ. Chicago.

GORDON T. BOWLES, Ph.D., Assistant Professor of Anthropology
B.A., Barnard College, 1925; Ph.D., Harvard Univ., 1935; Research Associate, Harvard Univ.

YUAN REN CHAO, Ph.D., Professor of Chinese Language and Culture
B.A., Cornell Univ., 1914; Ph.D., Harvard Univ., 1918; Head of Linguistics Dept., Inst. of History and Philology, Academia Sinica.

RALPH C. HOBBER, J.D., Assistant Professor of Business Law

JUNJIRO TAKAKUSU, D.Litt., Professor of Japanese Philosophy
B.A., Kyoto Imperial Univ.; D.Litt., Oxford Univ.; Emeritus Professor, Tokyo Imperial Univ.

BESSIE BROOKS WEST, M.A., Visiting Professor of Home Economics
B.A., Univ. California, 1924; M.A., Univ. California, 1928; Professor of Institutional Management, Kansas State College.
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 a little less than 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 year is divided into two semesters of eighteen weeks each, with a Summer Session of six weeks and a post session of three 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 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 under the direction of the University. 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 Gartley Hall under a special agreement with the University whereby the results and observations are made of service to this Territory.

*The Volcano Laboratory* on the Island of Hawaii, conducted in cooperation with the National Park Service and the Hawaiian Volcano Research Association, offers attractive research possibilities both to graduate students and investigators who wish to pursue their own studies in subjects pertaining to volcanology. The Director of the Laboratory is Thomas A. Jaggar, Professor of Volcanology.
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 accumulated by the Institute of Pacific Relations, affording excellent facilities for the study of international affairs, constitutes a part 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.

Fruit Fly Laboratory. The U. S. Bureau of Entomology maintains a research laboratory on the University campus and a corps of investigators devoting themselves to the study of problems pertaining to the fruit fly pests existent in Hawaii.

Queen's Hospital. The Queen's Hospital in Honolulu and the University cooperate in conducting a training course for nurses, some of the courses of instruction being offered at the University and some at the Hospital.

CAMPUS AND BUILDINGS

The campus and Experiment Station lands, which occupy an area of almost 300 acres, are chiefly 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, Teachers College, Farrington Hall, the Engineering Quadrangle, the Gymnasium, the Social Science Building, and the Agricultural Building. 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
University of Hawaii

laboratories and classrooms are located in the five one-story concrete buildings which compose the Engineering Quadrangle.

The Library, which contains 107,000 bound volumes and about 318,000 unbound periodicals and pamphlets, is a depository for government publications. Extensive collections of Chinese and Japanese works, 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 amphitheater 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 most valuable parts of the herbarium are the cotypes of Dr. W. Hillebrand's species and the types of many new species collected by later botanists.

ADMISSION

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

The University admits four distinct types of students, who are classified as follows: (1) Regular Students, (2) Unclassified Students, (3) Special Students, and (4) Auditors. All candidates for admission to either of the first three classifications must file an application form with
the Director of Admissions. Applications should be filed at least two months before the opening of the semester in which the applicant wishes to enroll and the University does not oblige itself to consider applications filed less than 30 days before the proposed date of registration. Requests for application forms and all questions concerning admission should be addressed to the Director of Admissions.

ADMISSION TO FRESHMAN STANDING

Every applicant for admission to the University as a Freshman must take 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 a 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 School.) Every applicant must, in addition, satisfy all entrance requirements of the college in which he expects to take his work. (Pages 63, 68, and 78.)

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, in no case will more than 2 units or less than ½

* Credit in entrance for languages will not be granted unless at least 2 units in some one language are offered.
unit be accepted in any subject, and such subjects must have been 
pursued in accordance with regular classroom procedure involving a 
reasonable amount of preparation in addition to the time spent in class. 
Candidates desiring to study mathematics in the University or to 
elect subjects for which mathematics is a prerequisite should offer 
algebra through quadratics and plane geometry; those desiring to enter 
the course in Engineering must offer 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 work de­
sired, may register as Unclassified Students, taking a limited program 
of courses. Persons less than 21 years of age may be admitted as Un­
classified Students provided they are able to meet fully the entrance 
requirements for regular Freshman standing, but desire to carry only a 
limited program.

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, as each case is con­
sidered 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 interested in certain special courses without con­
cern as to credit may be admitted as Special Students. As such they 
attend classes and take part in the courses for which they are registered 
but receive no credit for the work done. Applicants refused admission
Credits and Grade Points

as Regular or Unclassified Students are not ordinarily allowed to enter under this classification.

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.

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 the semester to be passing in) 50% of their registered credits, (b) to have 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, or a minimum of 14 grade points earned in a summer session in courses approved by the Dean of the College in which the student is registered. 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 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. 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 the chairman of the Committee on Honors.

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 Sophomore 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 reserve 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 fifth-year diploma awarded for the completion of the five-year program.

The University of Hawaii will permit the substitution of the first
Degree Requirements

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 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 Chem. 101 or 102, 150, 151 or 230, 152, 153</td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td>8 Physics 102</td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td>8 Botany 101, Zoology 150 and 151</td>
<td></td>
</tr>
<tr>
<td>English Composition</td>
<td>6 English 100 or 102</td>
<td></td>
</tr>
<tr>
<td>Other Non-Science subjects:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>History, Language, Economics</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUBJECTS STRONGLY URGED</th>
<th>SEMESTER HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A modern foreign language</td>
<td>6 to 12</td>
</tr>
<tr>
<td>Advanced botany or advanced zoology</td>
<td>3 to 6</td>
</tr>
<tr>
<td>Psychology</td>
<td>3 to 6</td>
</tr>
<tr>
<td>Advanced mathematics, including trigonometry</td>
<td>3 to 6</td>
</tr>
</tbody>
</table>

**OTHER SUGGESTED ELECTIVES**

English (additional), economics, history, sociology, political science, logic, mathematics, drawing, Latin, Greek.

Students preparing for schools of law or theology may obtain the degree of B.A. by satisfactorily completing three years of work in the University of Hawaii, and one year in an approved school of law or theology.

**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 countries in the Pacific area, as well as in the history, geography, anthropology, racial psychology, and religions of these countries. The Volcano Laboratory offers unique opportunities for students interested in volcanology.

Following the regular Summer Session term of six weeks, a special post session of three weeks will be held, beginning in 1938. The post session offers courses in teacher training and is designed particularly for teachers in service.

Summer Session students, both graduate and undergraduate, pay a fee of $5 a 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 degree.
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; (6) correspondence courses.

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. 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 catalog, but may be obtained from the University Adult Education Division.

TUITION AND FEES

All regular students, both undergraduate and graduate, pay a tuition fee of $100 an academic year, or $50 a semester. Part-time students, including Special Students, Auditors, Summer Session and Extension Students, taking a program of less than 10 credit hours, pay a tuition fee of $5 a credit hour.

In addition to the tuition fee, a registration fee of $10 a semester is charged all regular students carrying 10 or more credit hours. Late registrants will be charged an additional fee of $1.

All fees must be paid in full at the time of registration.

Changes of schedule may be made without penalty. Courses may not be added after 15 days following the announced date of registration.

In no case will the registration fee or any part of it be refunded. Tuition and laboratory fees may be refunded to students in accordance with the following schedule:

Withdrawal during:
- First 2 weeks after the announced day of registration — 100%
- Third week after the announced day of registration — 80%
- Fourth week after the announced day of registration — 60%
- Fifth week after the announced day of registration — 40%
- Sixth week after the announced day of registration — 20%
- After sixth week — 0%
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 at the time of graduation. A fee of $1 is charged for each copy of transcript of record after the first such copy has been issued.

All graduate students pay a fee of $4 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 rented 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, fifty cents of which will be refunded upon return of the key.

All fees must be paid in full 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 room and dinners at Atherton House range from $175 to $285 per year and in the Women’s Dormitory are uniformly $220. These rates are subject to change in accordance with important changes in the prices of food stuffs. Payments are due in two installments at the beginning of each semester, the September payment being a little more than half the total. By arrangement with the university treasurer, these payments may be made in monthly installments in advance at slightly increased rates. Breakfasts and lunches are not included in these rates but may be had at the University Cafeteria at very reasonable prices.

It is estimated that the total expense to the average student is from $500 to $600 a year, including board and room, tuition, registration, course and student body fees, and books, but not including clothes, laundry, and other personal expenses.

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 inter-collegiate 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 Office of Student Personnel undertakes to assist needy students to find part-time employment; also to assist in finding suitable living quarters for out-of-town students.

SCHOLARSHIPS, LOANS, AND PRIZES

The University offers financial aid in the forms of scholarships and loans. Students desiring to borrow from a loan fund will consult with the Dean of Student Personnel. All scholarship awards are made in the President's Office, after careful study of applications which are submitted on regular forms obtainable from the President's Secretary. Unless otherwise specified, all scholarships are awarded annually, and may be withdrawn if a good standard of scholastic work is not maintained. Prizes are awarded annually for achievement in special fields.

Applications for scholarships should be addressed to the President of the University before May 15 to be sure of adequate attention. Loans may be applied for through the Student Personnel office at any time during the year.

SCHOLARSHIPS

Alonzo Gartley—Two scholarships of $150 each, given in memory of the late Alonzo Gartley, who was for many years a regent of the University, are awarded to men students in sugar technology or agriculture.

Associated Women Students—Two scholarships of $50 each are awarded to regular women 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 Students' Alliance—A general scholarship fund is maintained by the Chinese Students' Alliance for the assistance of Chinese students.

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

Hakuba Kai—Two scholarships of $25 each are awarded for the second semester to Japanese men students above Freshman standing.
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 Aauenue—The sum of $50 is awarded to an Hawaiian girl above Freshman standing.

Leora Parmelee Dean—The sum of $100 is awarded by the Women's Campus Club of the University to a deserving and needy young woman. 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 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 Women's League 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.

Territorial—Six scholarships of $120 each are awarded every year to entering Freshmen, one from each Representative District in the Territory of Hawaii. These scholarships are continued throughout the four years if the students maintain a satisfactory standard of scholarship and conduct.

Wakaba Kai—Two scholarships of $50 each are awarded to Japanese girls above Freshman standing.

Women's League of Central Union Church—A general scholarship fund is maintained by the Women's League of Central Union Church for the assistance of several women students, preferably seniors.

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 Hawaiian Japanese Civic Association offers scholarships to worthy students of Japanese ancestry.

The Hawaiian University Association offers loans to students of Hawaiian ancestry. Juniors and Seniors preferred.

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.

Hawaiian Section of the American Chemical Society Prize—An annual award to the most outstanding Senior majoring in chemistry. A one year student membership in the American Chemical Society.
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 3 and 51 should be offered, or 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 pages 54 and 64)
(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 by a candidate 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 credit 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

* For an explanation of grade points see page 53.
University of Hawaii

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. To this end he registers in one of the four groups of allied subjects indicated below, and is given a faculty adviser 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.

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

GENERAL REQUIREMENTS

<table>
<thead>
<tr>
<th>FIRST YEAR</th>
<th>SECOND YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester</td>
<td>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. Sci. 150, 151</td>
<td>3</td>
</tr>
<tr>
<td>Modern Language</td>
<td>3</td>
</tr>
<tr>
<td>Mil. Sc.</td>
<td>1</td>
</tr>
<tr>
<td>Phys. Ed.</td>
<td>1</td>
</tr>
</tbody>
</table>

GROUP REQUIREMENTS

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 adviser. 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. A minimum of 42 semester hours of credit in the Social Sciences is to be selected with the approval of the group adviser from the courses listed below:

FIRST AND SECOND YEARS:

- Anthropology-Sociology 150-151
- Economics 150, 151
- Geography 150, 151
- History 100
- Police Administration 152, 155

* Chemistry 101 or 102, or Botany 101, or Zoology 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.
** English 120 is required of students majoring in Journalism and English 130 or 132 is required of pre-legal students.
Political Science 170
Philosophy 150-151
Psychology 150
Religion 150

THIRD AND FOURTH YEARS:

Anthropology 250, 252, 254, 260, 262, 263, 265, 267, 268, 271, 272, 276, 278, 290
Geography 252, 255, 258, 261, 262, 263, 271
History 204, 209, 210, 211, 212, 213, 216, 218, 219, 225, 226, 229, 241, 242, 243, 244, 245, 249, 250, 251, 252, 253, 254, 256, 276, 277, 285, 286
Police Administration 251, 254, 257, 258
Political Science 200, 256, 258, 261, 267, 268, 270, 290
Oriental Studies 229, 241, 254, 281, 282, 283, 291
Sociology 252, 253, 255, 256, 267, 268, 269, 270, 272, 274, 276, 290
Religion 259, 261
Psychology 200, 252, 280
Philosophy 200, 201, 252, 253, 260, 261, 270, 271, 280
History 100, Economics 150-151, and Anthropology-Sociology 150-151 are required of students in Group I.

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, 210; Political Science 170, 200; Psychology 252; Anthropology-Sociology 150-151; Oriental Studies 254-255; Philosophy 150-151, 252, 253, and Religion 151, 254.

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 55.

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 56.

FIRST AND SECOND YEARS:

Chemistry 101, 102, 150, 153, 271
Botany 101, 102, 151, 155, 156, 158, 160, 161, 162, 163, 164
Mathematics 104, 106, 149, 150, 151, 152, 153
Physics 102, 150, 151, 153, 155, 157
THIRD AND FOURTH YEARS:

Agriculture 254
Chemistry 211, 212, 215, 230, 260, 261, 262, 263, 313, 316, 317
Botany 200, 210, 253, 254, 256, 258, 260, 263, 265, 267, 268, 269, 271, 272, 300
Zoology 210, 251, 253, 254, 255, 257, 260, 261, 262, 270, 285, 291, 300
Mathematics 252, 253, 254, 255, 272, 273, 275
Physics 202, 250, 253, 255, 257, 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, Anthropology-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 adviser, 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 210
College of Arts and Sciences

MERCHANDISING

Art 274
Business 259, 260-261, 264, 270-271, 273, 276, 280
Economics 256, 257, 261, 270, 273, 288
English 210

INTERNATIONAL ECONOMICS AND TRADE

Business 260-261, 264, 270-271, 275, 291
Economics 205, 251, 252, 256, 257, 265, 273, 285
English 210
Geography 252, 255

ACCOUNTING

Economics 256, 257, 296
English 210

GENERAL ECONOMICS

Business 260-261, 267, 291
English 210
Political Science and History (6 credit hours)
Sociology (3 credit hours)

PROGRAM FOR BUSINESS WOMEN

Art 274
Business 259, 260-261, 264, 270-271, 273, 276, 280, 291
Economics 256, 257, 261, 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 Physical Education is required of all students, and Military Science of all physically fit male students who are citizens.

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.

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. At least 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 55)

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 gov-
arning 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 required courses are the same in the first year for all students in agriculture. Opportunity for divergent specialization is provided in later years. Students preparing for general agriculture or for the teaching of Vocational Agriculture are offered wide choice of electives beginning in the Junior year. Students preparing for work in the specialized fields of Plant or Animal Science groups follow courses which are largely prescribed.

Requirements for graduation from the Department of Agriculture are as follows:

<table>
<thead>
<tr>
<th>FIRST YEAR</th>
<th>SECOND YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botany 101</td>
<td>Agriculture 162 or 164</td>
</tr>
<tr>
<td>Chemistry 101 or 102</td>
<td>English 110 or 150</td>
</tr>
<tr>
<td>English 100 or 102</td>
<td>Physics 102</td>
</tr>
<tr>
<td>Mathematics 149 or 150, 151</td>
<td>Botany 151</td>
</tr>
<tr>
<td>Agriculture 151, 152</td>
<td>Geology 252 or 256</td>
</tr>
<tr>
<td>Military Science and Physical Education</td>
<td>Military Science and Physical Education</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>THIRD YEAR</th>
<th>FOURTH YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture 250</td>
<td>Agriculture 299</td>
</tr>
<tr>
<td>Agriculture 254</td>
<td></td>
</tr>
<tr>
<td>Agriculture 256</td>
<td></td>
</tr>
</tbody>
</table>

In addition, to qualify for graduation, the student must elect at least 10 units in agriculture in addition to those specifically required.

At the end of the Sophomore year each student must submit a statement of his major field of work to the Dean and Adviser. This major subject may be

(a) General Agriculture
(b) Plant Science
(c) Animal Science
(d) Vocational Education

The selection of General Agriculture as a major subject provides the widest possible freedom in choice of electives. Any student who satisfies University requirements as well as those listed above may be graduated in General Agriculture.

The curriculum for Plant Science is designed to prepare the student for active participation in either the production of field crops or in experimental work concerned with them. Candidates for graduation in the Plant Science Curriculum must elect the following courses in addition to those required for graduation from the Department:

<table>
<thead>
<tr>
<th>THIRD YEAR</th>
<th>FOURTH YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture 162 or 164</td>
<td>Agriculture 252, 260</td>
</tr>
<tr>
<td>Chemistry 150, 151</td>
<td>Chemistry 152</td>
</tr>
<tr>
<td>Agriculture 291</td>
<td>Botany 173, 258, 263</td>
</tr>
<tr>
<td>Zoology 170</td>
<td></td>
</tr>
</tbody>
</table>
Candidates for graduation in the Animal Science Curriculum must elect the following courses in addition to those required for graduation from the Department:

**THIRD YEAR**
- Chemistry 150, 151, 152, 153
- Agriculture 253 or 261, 255

**FOURTH YEAR**
- Agriculture 261 or 253, 257, 264
- Zoology 253, 291
- Chemistry 260, 262

Students specializing in agricultural education to fit themselves for service under the Smith-Hughes Act of Congress follow the list of general courses required for graduation with the addition of certain courses specified by the Adviser and Dean. When Vocational Education is chosen as a major field of study specialization must begin in the Sophomore year. Students who wish the Secondary School Teaching Diploma must register in Teachers College for the fifth (post-graduate) year of work.

A limited number of students in agriculture, graduate or undergraduate, may be accepted by the P.P.C.A. Experiment Station for a period of training. They serve as assistants in the various departments of the station but for this work receive no University credit. Applications for such training 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.
College of Applied Science

REQUIRED COURSES

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

SECOND YEAR
Civil Engineering 151
Civil Engineering 153
Mechanical Drawing 152
Mechanical Engineering 150
Mathematics 106
Physics 150, 151
English 110 or 150
Economics 150, 151
Military Science
Physical Education

THIRD YEAR
Civil Engineering 227, 252, 253, 255
Mechanical Engineering 202, 203
Engineering Laboratory (X.E.) 202, 203
Physics 250, 253

FOURTH YEAR
Civil Engineering 276, 277, 279
Mechanical Engineering 282, 283, 285
Physics 202
Geology 256

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**

**FIRST YEAR**

<table>
<thead>
<tr>
<th>AGRICULTURAL DIVISION</th>
<th>CHEMISTRY DIVISION</th>
</tr>
</thead>
<tbody>
<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>
</tr>
<tr>
<td>Physical Education</td>
<td>Physical Education</td>
</tr>
</tbody>
</table>

**SECOND YEAR**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English 110 or 150</td>
<td>English 110 or 150</td>
</tr>
<tr>
<td>Chemistry 150, 151</td>
<td>Chemistry 150, 271</td>
</tr>
<tr>
<td>Physics 102</td>
<td>Physics 102</td>
</tr>
<tr>
<td>Civil Engineering 101</td>
<td>Military Science</td>
</tr>
<tr>
<td>Military Science</td>
<td>Physical Education</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Physical Education</td>
</tr>
</tbody>
</table>

* Students who offer 3½ units of mathematics for entrance will not be required to take mathematics 150, 151, but will ordinarily be expected to elect mathematics 152, 153.
THIRD YEAR

Agriculture 250, 254, 256  Agriculture 250
Sugar Technology 201, 253, 256  Sugar Technology 201, 253, 256
Chemistry 230  Agriculture 254, 256†

FOURTH YEAR

Agriculture 252  Agriculture 252
Sugar Technology 250, 252, 255  Sugar Technology 250, 252
Economics 150  Sugar Technology 255 or 257
Economics 150

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 Household Science, Household Art, Institutional Management, or Home Economics (Vocational Education). The required courses for the first year and most of the required courses for the second year are the same regardless of the major chosen. During the third and fourth years certain courses are required for each major, while other courses are listed as recommended electives.

Students who are interested in teaching Home Economics follow the outline of Home Economics (Vocational Education). Students who desire the Secondary Teaching Diploma must register in the Teachers College for fifth year work.

In general, to meet a major requirement, a student 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

FIRST YEAR

All Home Economics students register for the same program.

English 100 or 102  Household Art 112
English 30*  Home Economics 100
Chemistry 101 or 102  Home Economics 101
Household Science 150*  Art 150, 151
Household Art 110, 111  Physical Education

SECOND YEAR

English 110 or 150  Household Art 114
Household Science 102  Botany 156
Household Art 150, 151  Physical Education

ELECTIVE

Education 135, 180, 181 (required for major in Vocational Education)
Chemistry 152 (required for major in Household Science)
Art 154, 155 (required for major in Household Art)
Business 150, 151 (required for major in Institutional Management)

† Suggested electives.
* If excused from Household Science 150 and/or English 30, Household Art 150, 151 and/or Botany 156 may be elected.
### THIRD YEAR

#### MAJOR IN
**HOUSEHOLD SCIENCE**
- Home Economics 250, 252, 253
- Household Science 200
- Chemistry 260, 262
- Zoology 291
- Economics 150, 151
  - or
- Anthropology-Sociology 150, 151

#### MAJOR IN
**HOUSEHOLD ART**
- Home Economics 250, 252, 253
- Household Science 272, 273
- Art 250, 251
- Art 170, 171
- Art 172, 175
- Household Art 252, 253
- Economics 150, 151
  - or
- Anthropology-Sociology 150, 151

#### MAJOR IN
**INSTITUTIONAL MANAGEMENT**
- Home Economics 250
- Household Science 272, 273 or 200*
- Zoology 291
- Art 172
- Household Science 260, 261
- Household Science 263
- Economics 150, 151

#### MAJOR IN
**HOME ECONOMICS** *(VOCATIONAL EDUCATION)*
- Home Economics 250, 252, 253
- Household Science 272, 273
- Home Economics 251
- Zoology 291
- Education 250, 251
- Economics 150, 151

### FOURTH YEAR

#### MAJOR IN
**HOUSEHOLD SCIENCE**
- Household Science 249
- Household Science 251
- Home Economics 291
- Art 172

- **ELECTIVE**
  - 10 to 12 credits each semester.

#### MAJOR IN
**INSTITUTIONAL MANAGEMENT**
- Home Economics 291
- Business 259
- Business 260, 261
- Household Science 249 or 251

- **ELECTIVE**
  - 10 to 12 credits each semester.

#### MAJOR IN
**HOME ECONOMICS** *(VOCATIONAL EDUCATION)*
- Home Economics 250, 252, 253
- Household Science 272, 273
- Home Economics 251
- Zoology 291
- Education 250, 251
- Economics 150, 151

- **ELECTIVE**
  - Sociology 267
  - Household Art 252
  - Home Economics 201

---

*If Household Science 200 is elected, Chemistry 260, 262 is required.*
College of Applied Science

Students who are selected for fifth year training in Home Economics (Vocational Education) register in Teachers College and are required to take the following courses:

Education 294, 340, 350, 354, 390, 395, and elect from the following: Sociology 267, Psychology 280, and Home Economics 201.

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 98), (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 55). 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.
The Queen's Hospital School for Nurses admits to its four year course only those who secure admission as regular students in this college. During the first two years of their course students so admitted live in the nurses' home, and do part time work at Queen's Hospital, but register as regular students in the General Science course and take work in Chemistry, Zoology, Psychology, Sociology, English, Bacteriology, and elementary Nutrition.

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 110 or 150, 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 each in at least five of the following seven groups:

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

An outline list of the courses from which the group elective work must be selected is given below:

**GROUP ELECTIVE WORK**

**GROUP A**

**PHYSICAL SCIENCES**

<table>
<thead>
<tr>
<th>1st Year</th>
<th>*2nd Year</th>
<th>†3rd and 4th Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math. 104, 149, 150, 151</td>
<td>Math. 106</td>
<td>Math. 250, 252, 253, 254, 255,</td>
</tr>
<tr>
<td>Geography 150, 151</td>
<td>Phys. 102, 150, 151</td>
<td>272, 273, 275</td>
</tr>
<tr>
<td>Drawing</td>
<td>Chem. 150, 152, 153, 271</td>
<td>280, 281</td>
</tr>
<tr>
<td>Language or Pol. Sci. 150, 151</td>
<td>Geol. 252, 253, 256</td>
<td>Chem. 211, 212, 230, 260, 261, 262, 263, 265</td>
</tr>
<tr>
<td></td>
<td>C.E. 101</td>
<td>313, 315, 316, 317, 318</td>
</tr>
<tr>
<td></td>
<td>M.D. 152</td>
<td></td>
</tr>
<tr>
<td>Language or History 100</td>
<td>Sugar Tech. 201, 250, 252</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Phys. 202, 250, 253, 255, 257</td>
<td></td>
</tr>
<tr>
<td></td>
<td>261, 351</td>
<td></td>
</tr>
<tr>
<td></td>
<td>C.E. 231, 252, 253, 255</td>
<td></td>
</tr>
<tr>
<td></td>
<td>M.E. 202, 203, 282</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Geol. 254, 255, 260, 261, 262</td>
<td></td>
</tr>
</tbody>
</table>

* 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.
**College of Applied Science**

**GROUP B**

**BIOLOGICAL SCIENCES**

<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, 173</td>
<td>Bot. 151, 158, 200, 210, 253, 254, 258, 260, 263, 265, 267, 268, 269, 270, 300</td>
</tr>
<tr>
<td>Geography 150, 151</td>
<td>Geology 252, 253, 256</td>
<td>Geol. 250, 254, 256, 261, 262</td>
</tr>
<tr>
<td>Drawing</td>
<td>H.S. 102</td>
<td>Agr. 250, 254, 256, 261, 262</td>
</tr>
<tr>
<td>Language or Pol. Sci. 150, 151</td>
<td>Phys. 102</td>
<td>Geol. 255, 260, 261, 262</td>
</tr>
<tr>
<td></td>
<td>Psychology 150</td>
<td>Zool. 210, 251, 253, 254, 255, 260, 261, 262, 270, 284, 291, 300</td>
</tr>
<tr>
<td></td>
<td>Zoology 160, 161, 170, 173, 174, 180, 181</td>
<td>Agr. 250, 254, 256, 261, 262</td>
</tr>
<tr>
<td></td>
<td>Language or History 100</td>
<td>H.S. 200, 249, 251, 272, 350, 351</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Econ. 150-151</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Physics 255, 257</td>
</tr>
</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 to those who are registered nurses. For detailed information about the course, send for the special announcement.

**SOCIAL WORK TRAINING**

To meet the need for trained social workers the University is developing instruction in this field, both by offering courses designed to better equip those already engaged in this type of work and by providing a fifth year of professional training for graduates of this or other universities who in their undergraduate course have fulfilled certain basic requirements.

Courses offered are described on page 145 and more detailed information may be had by sending for the special announcement.

* First year electives are open to Sophomores.
† First year science electives taken by Juniors and Seniors count half credit only. Second year electives are open to Juniors and Seniors.
Teachers College

Teachers College has the very definite function of preparing teachers for the public schools of Hawaii. It is attempting in every possible way to provide an education for teachers that will enable them to give the most practical and cultural service possible to the people of Hawaii. The program leading to the Bachelor of Education 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 upon the completion of 30 credit hours of post-graduate 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, 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 who graduate may be reasonably certain of obtaining positions in the schools of the Territory.

REQUIREMENTS FOR GRADUATION

Candidates are recommended for the degree of Bachelor of Education upon satisfactory completion of the requirements set forth on page 55 in addition to the following:

1. A minimum of 130 semester hours of course work,
2. A minimum of 264 grade points (see page 53), and
3. Prescribed work in studies in Elementary or Secondary Education as follows:

<table>
<thead>
<tr>
<th>ELEMENTARY EDUCATION</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Participation and Practice Teaching</td>
<td>12</td>
</tr>
<tr>
<td>Other Education Courses</td>
<td>26</td>
</tr>
<tr>
<td>English</td>
<td>19</td>
</tr>
<tr>
<td>Social Science</td>
<td>13</td>
</tr>
<tr>
<td>Natural Science</td>
<td>12</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>
<td>8</td>
</tr>
</tbody>
</table>

78
**Teachers College**

**SECONDARY EDUCATION**

Participation and Practice Teaching ........................................... 12
Other Education Courses ......................................................... 26
English .................................................................................... 18
Social Science ............................................................................ 12
Natural Science .......................................................................... 10
Health and Physical Education ..................................................... 8
Military Science (men) .................................................................. 6

Prospective secondary teachers must also complete two teaching majors, with a minimum of 24 semester hours in each, by the end of the fourth year, and a teaching minor of not less than 12 semester hours by the end of the fifth year. Teaching minors are: Art, Commercial, Dramatics and Speech, Journalism, Library Service, Music, Physical Education, Pre-Vocational, and Club Activities.

**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 as follows:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIRST YEAR</td>
<td>Sem. I</td>
</tr>
<tr>
<td>Education 100</td>
<td>3</td>
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<tr>
<td>English 100</td>
<td>3</td>
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<tr>
<td>History 100</td>
<td>3</td>
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<tr>
<td>Military Science (men)</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education 100 or 101</td>
<td>1</td>
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<tr>
<td>Physical Education 135 (women)</td>
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<tr>
<td>Survey 100</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SECOND YEAR</td>
<td>Sem. I</td>
</tr>
<tr>
<td>Biology 135</td>
<td>2</td>
</tr>
<tr>
<td>Education 135</td>
<td>1</td>
</tr>
<tr>
<td>Education 180-181</td>
<td>3</td>
</tr>
<tr>
<td>English 152</td>
<td>3</td>
</tr>
<tr>
<td>Military Science (men)</td>
<td>(2)</td>
</tr>
<tr>
<td>Music 152</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education 102 or 103</td>
<td>1</td>
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<tr>
<td>Sociology 150-151</td>
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<td>Electives</td>
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<td><strong>Total</strong></td>
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</table>

* For descriptions of all courses offered in Teachers College see pages 153-164.
At the end of the second year students elect to specialize in either Elementary or Secondary Education.

### THIRD YEAR

#### ELEMENTARY CURRICULUM

(UPPER YEARS)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Sem. I</th>
<th>Sem. II</th>
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<tbody>
<tr>
<td>Art 262</td>
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<tr>
<td>Biology 236</td>
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<td>Education 235</td>
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<tr>
<td>Education 285-286</td>
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<tr>
<td>English 290-291</td>
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</tr>
<tr>
<td>English 294</td>
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<td>1</td>
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</tr>
<tr>
<td>Geography 261</td>
<td></td>
<td>3</td>
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</tr>
<tr>
<td>Health Education 220-221</td>
<td></td>
<td>2</td>
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</tr>
<tr>
<td>Music 250</td>
<td></td>
<td>2</td>
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</tr>
<tr>
<td>Practical Arts 270</td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Social Science 271</td>
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<td>1</td>
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</tr>
<tr>
<td>Electives</td>
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Total.................................................. 17

#### ELEMENTARY CURRICULUM

(PRIMARY YEARS)

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<td>Art 261</td>
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<tr>
<td>Biology 236</td>
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<td>Education 235</td>
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<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Education 285-286</td>
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<td>3</td>
</tr>
<tr>
<td>English 290-291</td>
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</tr>
<tr>
<td>English 294</td>
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<td>1</td>
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<tr>
<td>Geography 261</td>
<td></td>
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<tr>
<td>Health Education 220-221</td>
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<td>2</td>
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</tr>
<tr>
<td>Music 250</td>
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<td>2</td>
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<tr>
<td>Practical Arts 270</td>
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<td>1</td>
<td></td>
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<tr>
<td>Social Science 271</td>
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<td>Electives</td>
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Total.................................................. 17

#### SECONDARY CURRICULUM

<table>
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<th>Sem. II</th>
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<tbody>
<tr>
<td>Education 235</td>
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<td>1</td>
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<tr>
<td>Education 250-251</td>
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<td>English 292-293</td>
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<td>Electives</td>
<td></td>
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</table>

Total.................................................. 17

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**University of Hawaii**
Fourth Year

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, and (2) one semester of professional education courses. One-half of part 2 above is devoted exclusively to practice teaching; the other half exclusively to required education courses. While one-half of the class carries the elective program, the other half carries the professional education program, one group doing practice teaching while the second carries the required courses.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Sem. I</th>
<th>Sem. II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education 237</td>
<td>2</td>
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<tr>
<td>Education 254</td>
<td>8</td>
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<td>Education 261</td>
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<td>Education 268</td>
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<td>Education 295</td>
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<td><strong>Total</strong></td>
<td>16</td>
<td>16</td>
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</table>

Fifth Year

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, and (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.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Sem. I</th>
<th>Sem. II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education 340</td>
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<td>Education 350</td>
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<td>Education 351</td>
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<tr>
<td>Education 354</td>
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<td>14</td>
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<tr>
<td>Education 390</td>
<td>2</td>
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<tr>
<td>Education 395</td>
<td>....</td>
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<tr>
<td>Electives</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td>16</td>
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</tbody>
</table>

Master of Education Degree

Candidates for the Master of Education degree must have met the essential requirements of the Bachelor of Education degree, including practice teaching. The candidate must complete a graduate program of 30 semester hours and present an acceptable thesis. For matriculation the candidate must pass a comprehensive examination in the fields of Philosophy of Education, Educational Psychology, History of Education, and Educational Administration. The matriculation examination may not be taken until the candidate can present graduate...
course credit in the four fields covered. Probationary teaching or successful teaching experience are also prerequisite to matriculation. Required graduate education course requirements for the Five Year Diploma, with the exception of Education 354 and 395, are acceptable in partial fulfillment of requirements for the Master of Education degree. All general requirements for advanced degrees (See page 85) will apply to the Master of Education degree.

DENTAL HYGIENE*

Prospective dental hygienists must meet the same entrance requirements as others who matriculate at the University of Hawaii. During the first two years a basic program is offered designed to give a cultural and scientific background for the specialized program of the upper-division and graduate years. Registration may be in any one of the three colleges of the University, but the basic requirements of the first two years must be met before matriculation as a Junior in the Dental Hygiene curriculum will be allowed. Ordinarily students will register in the College of Applied Science for the first two years, and in Teachers College for the third, fourth, and fifth years.

The Junior and Senior years are devoted mainly to specific preparation for dental hygiene service, including the necessary professional education background. In the fifth (post-graduate) year emphasis is placed upon health education and broadening of the general education background.

CURRICULUM
FIRST YEAR

<table>
<thead>
<tr>
<th>Courses</th>
<th>Sem. I</th>
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<tbody>
<tr>
<td>Chemistry 101 or 102</td>
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<td>Education 100-101</td>
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<tr>
<td>English 100</td>
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<td>3</td>
</tr>
<tr>
<td>Physical Education 101</td>
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<tr>
<td>Physical Education 135</td>
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<tr>
<td>Zoology 150-151</td>
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<td>Electives</td>
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SECOND YEAR

<table>
<thead>
<tr>
<th>Courses</th>
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<tr>
<td>Botany 151</td>
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<tr>
<td>Chemistry 152</td>
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<td>Education 180-181</td>
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<td>English 150 or 152</td>
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<td>Sociology 150-151</td>
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<td><strong>Total</strong></td>
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*The Dental Hygiene curriculum will be discontinued after 1938-39.
### Teachers College

#### THIRD YEAR

<table>
<thead>
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<td>Chemistry 262</td>
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<tr>
<td>Dental Hygiene 200</td>
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<tr>
<td>Dental Hygiene 235</td>
<td></td>
<td>3</td>
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</tr>
<tr>
<td>Dental Hygiene 251</td>
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<td>English 130</td>
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<td>Household Science 200</td>
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<td>Zoology 290</td>
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#### FOURTH YEAR

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<td>Botany 260</td>
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<td>Dental Hygiene 235</td>
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<td>Dental Hygiene 254</td>
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<tr>
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<td>Education 237, 261, 268, 295</td>
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#### FIFTH YEAR

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<td>Health Education 350</td>
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<td>Health Education 352</td>
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<td>17</td>
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</tbody>
</table>
VOCATIONAL EDUCATION

Prospective Vocational Agriculture and Home Economics teachers receive their undergraduate preparation as registrants of the College of Applied Science, receiving the Bachelor of Science degree (See p. 69). Basic professional education courses, including practice teaching are required. English usage and other selective criteria used in Teachers College apply to prospective vocational teachers as well. The students in these divisions register in Teachers College for the fifth (graduate) year, during which one semester is devoted to probationary teaching and one to the education course requirements set up for all others.
The Graduate Division

The Graduate Division is administratively independent of the undergraduate colleges but closely cooperates with them in curriculum and instructional personnel. For the purpose of emphasizing advanced study in certain fields and of cooperating with affiliated research institutions, the following organizations have been established by the University administration:

- The Graduate School of Tropical Agriculture
- The Oriental Institute
- The Kilauea Volcano Laboratory

Guided by the general rules and regulations of the Graduate Committee, these organizations in their special fields admit students to candidacy, determine the courses of study to be pursued, supervise the preparation of theses, and recommend candidates for advanced degrees.

Opportunities for graduate study and research are offered in anthropology, botany, chemistry, economics and business, education, English, geography, history, international relations, nutrition, Oriental studies, philosophy, physical geology and geophysics, physics, social work training, zoology, and in the sciences basic to tropical agriculture.

Admission to the Graduate Division is granted to graduates of reputable colleges and universities. Applications for admission should be made to the Director of the Graduate Division and should be accompanied by an official transcript of undergraduate record and of any graduate work completed at any other institution. Registration is not complete until such records are on file. These transcripts become a permanent part of the University files and are not returned.

Admission to the Graduate Division does not imply admission to candidacy for an advanced degree. Such admission is granted only after a special committee representing the department in which the candidate proposes to work for the advanced degree is satisfied as to the adequacy of his undergraduate preparation and his probable ability to successfully pursue graduate work. Graduate students not interested in earning an advanced degree and those working for the professional certificate issued by the Territorial Department of Public Instruction need not meet the requirement of admission to candidacy. However, the Graduate Division reserves the right to deny further registration to any student whose work is not of a grade sufficiently high to warrant continuation.

Graduate work done at other institutions may be accepted as fulfilling part of the requirements for an advanced degree. In the case of the Master's degree, the maximum amount which may be so accepted shall not exceed 8 semester hours. Seniors in the University may carry a limited amount of graduate work during their last semester as undergraduates, provided that the total number of credit hours for which they are registered during that semester does not exceed 16.

No graduate student is permitted to register for more than 16 credit hours a semester or for more than 6 hours in a Summer Session. The number of
credit hours which may be carried by student assistants is limited by the nature of their duties.

The University awards the following advanced degrees: the Master of Arts, the Master of Science, the Master of Education, Civil Engineer, Sugar Technologist, and the Doctor of Philosophy. The doctorate is at present offered only in those sciences basic to tropical agriculture. For the specific requirements of these degrees the student should consult the announcement of the Graduate Division for 1938-39.

**GRADUATE SCHOOL OF TROPICAL AGRICULTURE**

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.
Courses of Instruction

AGRICULTURE

100 ORIENTATION COURSE

**First semester, no credit.**

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. Required of all freshmen in Agriculture.

151 ANIMAL HUSBANDRY

**Second semester, 3 credits.**

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.

152 POULTRY HUSBANDRY

**First semester, 3 credits.**

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. Laboratory fee $1.

162 TROPICAL POMOLOGY

**First semester, 3 credits. (Not offered 1938-39)**

Origin and description of the principal fruit and nut crops grown in Hawaii; soil and climatic requirements; selection of an orchard site; propagation, planting, training, fertilization, irrigation, and pest control. Prerequisites: Chemistry 101 or 102 and Botany 101. Two lectures and one laboratory per week. Laboratory fee $1. (Alternates with Agriculture 164)

164 TRUCK CROP PRODUCTION

**First semester, 3 credits.**

Principles of vegetable production; origin, classification, nomenclature, adaptation, and cultural requirements of the more important vegetables. Some physiological principles involved in their production, transportation, and storage. Prerequisites: Chemistry 101 or 102 and Botany 101. Two lectures and one laboratory per week. Laboratory fee $1. (Alternates with Agriculture 162)

250 SOILS

**First semester, 5 credits.**

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.

252 SUGAR CANE PRODUCTION

**First semester, 4 credits.**

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.

253 DAIRYING

**Second semester, 3 credits.**

A study of dairy cows, the production and marketing of milk and milk products, milk testing, separation, etc. Two lectures or recitations and one laboratory period a week. Laboratory fee $1. (Alternates with Agriculture 261)

88
254 PRINCIPLES OF GENETICS
First semester, 3 credits.
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. Prerequisite: Botany 101 or Zoology 150 or their equivalent. Required of Juniors in Agriculture and Sugar Technology, Agriculture division.

255 POULTRY HUSBANDRY
Second semester, 3 credits.
A course dealing with problems of management on a large commercial poultry farm; an hour report on one phase of the poultry industry; assigned outside reading and discussions based upon important research problems. Prerequisite: Agriculture 152. Not open to Freshmen. Two lectures and one recitation period a week. Laboratory fee $1.

256 PRINCIPLES OF AGRONOMY
First semester, 3 credits.
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 periods and one laboratory period per week. Prerequisites: Botany 101, Chemistry 101 or 102, Botany 102, 163, and 164 desirable. Required of all Juniors in Agriculture. Laboratory fee $1.

257 FEEDS AND FEEDING
First semester, 3 credits. (Alternate years)
A detailed study of the feeding of all kinds of farm and plantation animals. Lectures, problems, and recitations.

259 POULTRY HUSBANDRY
Second semester, credit by arrangement.
Special problems largely in the field of poultry husbandry research. Individual work.

260 PINEAPPLE PRODUCTION
First semester, 3 credits.
A general study of pineapple production. Prerequisites: Botany 101, Chemistry 101 or 102, and Agriculture 250. Two lecture or recitation periods and one laboratory field study or assigned reference reading period each week. Laboratory fee $1.

261 BEEF AND SWINE PRODUCTION
Second semester, 3 credits. (Not offered 1938-39)
The breeds, care, management, and feeding of beef cattle and swine with particular reference to Hawaiian conditions. Two lectures or recitations and one laboratory or study period each week. Laboratory fee $1. (Alternates with Agriculture 253).

262 ADVANCED GENETICS
Second semester, 3 credits.
A study of the organization of the germinal materials. Methods and results of modification of germinal material. 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. Prerequisite: Agriculture 254.

264 SEMINAR IN ANIMAL NUTRITION
Second semester, 1 credit. (Alternate years; not offered 1938-39)
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.
265 **AGRICULTURAL THESIS**

Credit by arrangement each semester.

Advanced individual work in field and laboratory, with accompanying library work.

267 **AGRICULTURAL CHEMISTRY**

Second semester, 3 credits.

A course consisting of lectures, supplementary reading, and problems dealing with the chemistry of soil composition, soil fertility, fertilizers, and feeds. This course may be supplemented by laboratory exercises in Agriculture 268. Prerequisite: Agriculture 250.

268 **AGRICULTURAL CHEMISTRY LABORATORY**

Second semester, 2 credits.

A laboratory course covering the analyses of soils, fertilizers, and feeds. Prerequisites: Chemistry 151 or 230, Agriculture 250, and previous or concurrent registration in Agriculture 267. Laboratory fee $2.

291 **IRRIGATION PRACTICE**

Second semester, 4 credits.

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 period a week. Laboratory fee $1.

299 **COMPARATIVE AGRICULTURE**

Second semester, 2 credits.

A course designed to acquaint the student with the crops, cultural practices, and agricultural institutions of the principal agricultural countries of the world. Two recitation-lecture periods a week.

300 **RESEARCH WORK**

Credit by arrangement each semester.

Situated in a climate where out-of-doors experimental work can be carried on the year round, Hawaii offers ideal opportunities for research in tropical agriculture.

**ANTHROPOLOGY**

150-151 **INTRODUCTION TO THE STUDY OF MAN**

Keesing

Continuous throughout the year, 3 credits each semester.

This course is introductory to both anthropology and sociology. It reviews the development of the human sciences; man's beginnings; racial differences and their significance; prehistoric and primitive man; the growth of civilization; man and his physical environment; the organization of society; the religious and aesthetic spheres; language and mentality; modern trends in human relationships as seen by the anthropologist and sociologist. Prerequisite: Sophomore standing.

250 **THE POLYNESIANS**

First semester, 2 credits. (Not offered 1938-39)

The peoples of Polynesia and their life prior to the coming of the whites; theories regarding their origins, migrations, and relationships; a comparative study of their material culture, customs, ideas, and beliefs. Visits will be made to the Bernice P. Bishop Museum.

252 **PEOPLES OF THE PACIFIC**

Second semester, 2 credits.

A study of the origins, migrations, relationships, and modes of living of the indigenous peoples within the Pacific Ocean area: the Malaysians of the Netherlands East Indies, Philippines, Formosa, etc.; the Melanesians, Micronesians, and Polynesians; the Australian aborigines. This is especially designed as a background course for students dealing with historical, political, economic, and other problems of the Pacific area.
254  PEOPLES OF ASIA  Bowles  
*First semester, 2 credits.*

The contribution that anthropology can make toward understanding the racial and cultural backgrounds of the Orient, especially of China, Japan, and India. This course is fitted particularly to the needs of students working in the Oriental Institute.

260  PHYSICAL ANTHROPOLOGY  Bowles  
*First semester, 3 credits.*

The historical development of this phase of anthropology; man within the animal kingdom; human origins; fossil types of man; racial differences and their significance; anthropometry; the growth of the individual; physical trends in humanity. Prerequisite: Anthropology and Sociology 150, or Anthropology 200 (up to 1936-37).

262  INTRODUCTION TO LINGUISTICS  Carr  
*First semester, 3 credits.*

A brief outline of the history of linguistics; historical and descriptive analysis of language; phonetic, morphological, lexical, and semantic change with due appraisal of analogical factors. The classification of the languages of the world with particular reference to those of Europe, the Far East, and Oceania. Illustrative material will be drawn largely from English, Chinese, Japanese, Korean, Tagalog, and the Polynesian dialects. Useful to students of anthropology and the various languages taught at the university.

263  PREHISTORY AND ARCHAEOLOGY  Bowles  
*Second semester, 3 credits.*

A study of man's distant past as revealed through archaeological research; early vistas of the Stone Age; the when and where of basic inventions such as tool-making, agriculture, domestication of animals, metallurgy, etc.; the ancient migrations of man; methods of archaeological study. Museum and field trips will be made locally. Prerequisite: Anthropology and Sociology 150, or Anthropology 200 (up to 1936-37).

265  PRIMITIVE SOCIETY  Keesing  
*First semester, 2 credits.*

An analysis of the social organization of so-called primitive peoples as revealed in modern anthropological writings; a critique of early theories regarding human society and the origins of social institutions; the contribution of the anthropologist toward understanding man as a social being.

267  PRIMITIVE RELIGION AND PHILOSOPHY  Embree  
*First semester, 2 credits.*

A comparative study of religious and philosophical systems as revealed in the surveys of ethnologists, together with the general findings of social anthropology in these fields of human experience.

268  THE ART AND LITERATURE OF PRIMITIVE PEOPLES  Staff  
*Second semester, 2 credits. (Not offered 1938-39)*

A comparative study of the creative achievements of so-called primitive groups in the aesthetic and literary fields, including oral folklore. Visits will be paid to museums in Honolulu.

270  FOLK SOCIETY IN JAPAN AND CHINA  Embree  
*Second semester, 2 credits.*

An analysis of the social organization of village life in Japan and China to give a concrete factual background for students of the political and cultural history of these countries. This course is fitted particularly to the needs of students working in the Oriental Institute.

271  APPLIED ANTHROPOLOGY  Keesing  
*2 credits. (Not offered 1938-39)*

An examination of what the science of anthropology may contribute towards an understanding and solution of human problems, racial, social, economic, educational, etc., as they appear among both the so-called "primitive" and "civilized" peoples.
272 MODERN CHANGES AMONG PACIFIC PEOPLES Keesing
Second semester, 2 credits. (Not offered 1938-39)
The reactions of indigenous Pacific peoples to western civilization; economic, social, religious, and other adjustments; forces making for change and conservatism; the contributions of anthropology towards solving contemporary problems.

276 RACE MIXTURE Bowles
Second semester, 2 credits.
A more intensive study of the biological and social factors involved in so-called race mixture. Prerequisite: Anthropology and Sociology 150-151, Anthropology 200 (up to 1936-37), or permission of the instructor.

278 PHONETICS AND PHONEMICS Carr
Second semester, 2 credits.
The illustrative material will be derived primarily from English and the non-European languages listed under Anthropology 262. Native speakers of Hawaiian and one of the other languages will act as informants for laboratory work.

290 INDEPENDENT STUDY AND HONORS Staff
Hours and credits to be arranged.
Registration by permission only.

300 ADVANCED READING IN ANTHROPOLOGY Staff
Credit to be arranged.
Registration by permission only.

350-351 SEMINAR IN ANTHROPOLOGY Staff
Continuous throughout year, 2 credits each semester.
Advanced problems in anthropology of both a theoretical and a practical nature will be discussed. Open to seniors and graduate students by arrangement.

400 THESIS RESEARCH IN ANTHROPOLOGY Staff
Total of 6 credits for thesis work.
Graduate students engaged in the preparation of a thesis for the Master's degree will register in this course.

ART

150-151 ART STRUCTURE Norris, Fisher
Continuous throughout year, 2 credits each semester.
The study of the elements and principles underlying all art. First semester: exercises in line, mass, and color harmony to stimulate appreciation. Second semester: advanced exercises in composing abstract and naturalistic forms. Two periods a week. 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, Fisher
Continuous throughout year, 2 credits each semester.

156 COMMERCIAL ART Norris
First semester, 2 credits. (Not offered 1938-39)
Development of the principles of design as they relate to problems of layout. Lettering as the foundation of all commercial work. Experimentation with various commercial forms, such as business stationery, newspaper and magazine advertisements, and posters. Pen, pencil, and color. Prerequisites: Art 150-151, 154-155.
160-161 OIL PAINTING  
Luquiens  
Continuous throughout year, 2 credits each semester.  

170 IMAGINATIVE DESIGN  
Norris  
First semester, 2 credits.  
Development of design and color as flexible means of expression. Imaginative handling of motifs and fundamentals of design structure. Prerequisite: Art 150-151.

171 INDUSTRIAL DESIGN  
Norris  
Second semester, 2 credits. (Not offered 1938-39)  
Primarily an appreciation course, planned to further the understanding of design in everyday objects, especially our present "machine art": automobiles, furniture, radios, kitchen utensils, etc. Lectures, lantern slides, and some drawing. Prerequisite: Art 150-151.

172 INTERIOR DECORATION  
Fisher  
First semester, 2 credits.  
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. Prerequisite: Art 150-151.

173 ADVANCED INTERIOR DECORATION  
Fisher  
Second semester, 2 credits. (Not offered 1938-39)  
Original designs for complete rooms, elevations, and perspective in color. Original designs for furniture; its use in the average home. Prerequisites: Art 150-151, 154-155, 172.

175 TEXTILE DECORATION  
Fisher  
Second semester, 2 credits.  
Advanced problems in tie dye, Batik, applique, etc. Prerequisite: Art 150-151.

250-251 HISTORY OF ART  
Norris  
Continuous throughout year, 2 credits each semester.  
A survey of the origin and development of the fine arts, dealing with painting, sculpture, and architecture as reflections of the cultural forces at work in 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. Lectures, lantern slides, and museum trips. Prerequisite: Junior standing or consent of instructor.

261 APPLIED ART FOR THE PRIMARY YEARS  
Fisher  
(Described in Teachers College courses).

262 APPLIED ART FOR THE UPPER ELEMENTARY YEARS  
Fisher  
(Described in Teachers College courses).

263 APPLIED ART FOR THE SECONDARY SCHOOL YEARS  
Fisher  
(Described in Teachers College courses).

266-267 ETCHING  
Luquiens  
Continuous throughout year, 2 credits each semester. (Not offered 1938-39)  
A study of the technical methods of etching, including line etching and dry point, and, for students who wish, soft ground, aquatint, etc. Work will be chiefly in landscape, but ample opportunity will be given advanced students to follow their own preference in subject and treatment. Press and other permanent equipment furnished by the University. Prerequisites: Art 160-161. Two periods a week. Studio and outdoor work.
268 LANDSCAPE PAINTING
First semester, 2 credits.
Basic study of naturalistic landscape in oils, emphasizing composition, color, and landscape technique. Prerequisite: Art 160-161. Two periods a week, out of doors and studio.

269 LIFE CLASS
Second semester, 2 credits.
Drawing from the model, with a view to establishing a foundation for the imaginative use of the human figure. Prerequisite: Art 154-155. Two periods a week. Studio fee $4, to cover model expense.

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

272 ILLUSTRATION
First semester, 2 credits.
Analysis of the requirements of illustration. Solution of elementary problems in various styles. Prerequisites: Art 150-151, 154-155, 156, 269.

273 ADVANCED ILLUSTRATION
Second semester, 2 credits.
Illustration of legends, stories, etc. Designing of books. Prerequisite: Art 272.

274 COMMERCIAL ART FOR ECONOMICS AND BUSINESS STUDENTS
Second semester, 2 credits.
Art principles as they apply to such phases of merchandising as newspaper and magazine advertising, window and show case display, clothing, furniture and its arrangements, choice of textiles, color psychology, etc. Designed primarily for students of economics and business. Lectures and lantern slides. Prerequisite: Junior standing or consent of instructor for students desiring credit.

275 ADVANCED COMMERCIAL ART
Second semester, 2 credits. (Not offered 1938-39)
Art in business from a designer's point of view. Advertising psychology and business requirements. Advanced problems in layout. Posters, newspaper and magazine advertisements, pamphlets, packaging, trademarks, window displays, etc. Prerequisite: Art 156.

276-277 STAGE CRAFT AND COSTUME
Norris
Continuous throughout year, 2 credits each semester. (First semester only offered in 1938-39)

370-371 MODERN PAINTING
Norris
Continuous throughout year, 2 credits each semester. (Not offered 1938-39)
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 permits credit for murals, fresco, stage-work, commercial art, costumes, industrial design, etc. Any medium may be used. For advanced students only, with special permission of the instructor.

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.
### Courses of Instruction

#### BOTANY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>General Botany</td>
<td>St. John</td>
<td>Continuous throughout year, 3 credits each semester. 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 related to the habitat. One lecture or recitation and two laboratory periods a week. Laboratory fee $4 each semester.</td>
</tr>
<tr>
<td>102</td>
<td>Systematic Botany of the Flowering Plants</td>
<td>St. John</td>
<td>Continuous throughout year, 3 credits each semester. An introduction to the flowers that are native, introduced, or cultivated on the Hawaiian Islands. The student learns their geographic distribution, and their useful or harmful properties. The history of taxonomy and the botanical exploration of the islands. Frequent trips to the native forests of the mountains and the collection of specimens for herbaria. Planned to give a wide acquaintance with plants. A preparation for advanced work and an aid in teaching. Prerequisite: Botany 101. One lecture and two laboratory periods a week. Laboratory fee $2 each semester.</td>
</tr>
<tr>
<td>151</td>
<td>General Bacteriology</td>
<td>Allen</td>
<td>First semester, 4 credits; repeated second semester. 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 each semester.</td>
</tr>
<tr>
<td>155</td>
<td>Nutrition of Plants</td>
<td>Clements</td>
<td>First semester, 2 credits. 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 173. Two lectures with demonstrations each week.</td>
</tr>
<tr>
<td>156</td>
<td>Bacteria in Relation to the Individual and the Public</td>
<td>Allen</td>
<td>First semester, 2 credits; repeated second semester. 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 contamination of water supplies, sewage disposal, the canning industries, epidemics, and the communicable types of disease. Open to Freshmen. Not open for credit to students who have taken Botany 151. Two lectures each week.</td>
</tr>
<tr>
<td>158</td>
<td>Mycology</td>
<td>Allen</td>
<td>First semester, 3 credits. (Alternate years) 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 and two laboratory periods each week. Laboratory fee $3.</td>
</tr>
<tr>
<td>160</td>
<td>Flower and Tree Identification</td>
<td>Staff</td>
<td>2 credits. (Not offered 1938-39) A popular course in the identification of the common cultivated plants, weeds, and native plants of the territory. Fee $2. No prerequisite. Open to Freshmen. Not open to students who have taken Botany 102.</td>
</tr>
</tbody>
</table>
161 PLANT GEOGRAPHY
First semester, 2 credits.

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. No prerequisites: Open to Freshmen. Two illustrated lectures a week.

162 STRUCTURE OF ECONOMIC PLANTS
First semester, 3 credits. (Alternate years)

A study of the anatomy of the important field and garden crop plants, representative of Hawaiian agriculture. Prerequisite: Botany 101. One lecture and two laboratory periods each week. Laboratory fee $2.

173 ELEMENTARY PLANT PHYSIOLOGY
Second semester, 4 credits.

(Formerly 163). An introduction to plant physiology. The following processes and phenomena will be studied: osmosis, absorption of water and its ascent into plants, transpiration, mineral utilization, photosynthesis, storage, digestion, respiration, growth, pheno- periodism. Prerequisites: Botany 101 and Chemistry 101. Three lectures and one laboratory period a week. Laboratory fee $2.

200 BOTANICAL PROBLEMS
Credit to be arranged.

The pursuit of any advanced botanical problem. Open to undergraduates. Can be taken repeatedly. Laboratory fee $1 each semester.

210 BOTANICAL SEMINAR
Continuous throughout year, 1 credit each semester.

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 a week.

253 PLANT ECOLOGY
Second semester, 4 credits. (Alternate years)

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. Two lectures and two laboratory periods a week.

254 ADVANCED TAXONOMY
First semester, 2 or more credits.

A synoptical treatment of the lower Dicotyledons, from the Piperaeaceae to the Rosaceae, 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. One lecture and one or more laboratory periods each week.

258 AGRICULTURAL BACTERIOLOGY
First semester, 4 credits. (Alternate years)

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 lectures and two laboratory periods each week. Laboratory fee $3.

260 MEDICAL BACTERIOLOGY
First semester, 4 credits. (Not offered 1938-39)

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 and therapeutic and prophylactic methods of treatment. Emphasis will also be placed on the current theories of bacterial dissociation, life cycles, the bacteriophage phenomena, and their pathogenic relationships. Prerequisite: Botany 151. Two lectures and two laboratory periods each week. Laboratory fee $3.
263 **PLANT PATHOLOGY**

*Second semester, 3 credits. (Alternate years; not offered 1938-39)*

A systematic study of plant diseases. The course deals with a discussion of 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 fungicide, 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 and two laboratory periods each week. Laboratory fee $3.50.

265 **TAXONOMY OF THE DICOTYLEDONS**

*Second semester, 1 credit. (Alternate years; not offered 1938-39)*

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 a week.

267 **TAXONOMY OF THE HIGHER DICOTYLEDONS**

*Second semester, 1 credit. (Alternate years)*

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 a week.

268 **MICROTECHNIQUE**

*Second semester, 3 credits. (Alternate years)*

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 and two laboratory periods a week. Laboratory fee $6.

269 **PLANT ANATOMY**

*Second semester, 3 credits. (Alternate years; not offered 1938-39)*

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 recitation and two laboratory periods a week. Laboratory fee $6.

270 **PHYSIOLOGY OF BACTERIA**

*Second semester, 3 credits. (Alternate years)*

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 microorganisms; 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 163 or Zoology 291, Botany 151 and 258 or 260, and Chemistry 151 or 230. Two two-hour lectures or discussion periods a week.

273 **PLANT BIOPHYSICS**

*First semester, 3 credits. (Alternate years)*

An intensive study of the physical aspects of plant physiology including: water relations, drought resistance, permeability, the nature of protoplasm, mineral nutrition, etc. Prerequisites: Botany 173 or its equivalent, organic chemistry, one year of college Physics. Three lectures a week.

274 **LABORATORY TECHNIQUE IN PLANT BIOPHYSICS**

*First semester, 2 credits. (Alternate years)*

A laboratory course which parallels Botany 273 and should be taken with it, although this is not required. Two laboratory periods a week. Laboratory fee $5.
275 PLANT BIOCHEMICS
Second semester, 3 credits. (Alternate years)
An intensive study of the chemical aspects of plant physiology including photosynthesis, nitrogen assimilation, fat metabolism, translocation and storage, enzymes, respiration, growth, hormones, etc. Prerequisites: the same as for Botany 275. Three lectures a week.

276 LABORATORY TECHNIQUE IN PLANT BIOCHEMICS
Second semester, 2 credits. (Alternate years)
A laboratory course which parallels Botany 275 and should be taken with it, although this is not required. Two laboratory periods a week. Laboratory fee $5.

300 BOTANICAL RESEARCH
Hours and credits to be arranged.
Open to Graduate Students who show sufficient preparation and ability to carry on studies of an investigational nature. Laboratory fee $1.

302 RESEARCH IN THE BOTANICAL PHASES OF TROPICAL AGRICULTURE
Hours and credits to be arranged.
Open to students in the Graduate School of Tropical Agriculture. Planned for original investigations in tropical Botany.

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.)

350 RESEARCH IN PLANT PHYSIOLOGY
Plant Physiology Staff
(Description listed with Graduate School of Tropical Agriculture courses.)

351 PLANT PHYSIOLOGY SEMINAR
Second semester, 1 credit.
Topics of particular interest to this group will be discussed. This course may be repeated several times.

400 THESIS RESEARCH
Credits to be arranged.
Graduate students engaged in the preparation of the Master’s thesis will register for this course.

CHEMISTRY

Undergraduate students majoring in chemistry are required to take the following courses: 101 or 102, 150, 152, 153, 211, 212, 230, 271; and may elect any other chemistry courses. At least one year of college Physics and Mathematics is strongly advised.

101 GENERAL CHEMISTRY
Continuous throughout year, 4 credits each semester.
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 lectures and one laboratory period each week. Laboratory fee $7 a semester.

102 ADVANCED INORGANIC CHEMISTRY
Continuous throughout year, 4 credits each semester.
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. 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 lectures or recitations and one laboratory period a week. Laboratory fee $7 a semester.
Courses of Instruction

150 QUALITATIVE ANALYSIS
First semester, 4 credits.

A course in systematic qualitative analysis covering characteristic reactions, detention, 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.

151 QUANTITATIVE ANALYSIS
Second semester, 4 credits.

An abridged course in quantitative analysis for Agricultural and Household Science students and those in Sugar Technology, Agriculture branch. Prerequisites: Chemistry 101 or 102 and 150. Two lecture recitations and two laboratory periods a week. Laboratory fee $8.

152 ELEMENTARY ORGANIC CHEMISTRY
First semester, 4 credits.

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 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 lectures and one laboratory period each week. Laboratory fee $9.

153 INTERMEDIATE ORGANIC CHEMISTRY
Second semester, 4 credits.

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 lectures and one laboratory period a week. Laboratory fee $9.

211 PHYSICAL CHEMISTRY
Continuous throughout year, 3 credits each semester.

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. Prerequisite: Chemistry 150 and 230. Three lecture-recitations a week.

212 PHYSICAL CHEMISTRY LABORATORY
Continuous throughout year, 1 credit each semester.

A series of laboratory exercises in the practice of physical chemistry 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 a semester.

230 QUANTITATIVE ANALYSIS
Continuous throughout year, 3 credits each semester.

The principles of gravimetric and volumetric analysis, calibration of volumetric apparatus, analysis of pure substance and commercial products, determination of pH of buffer solutions by colorimetric and electrometric methods. Prerequisites: Chemistry 101 and 150 or 102 and 150. One lecture and two laboratory periods a week. Laboratory fee $8 a semester.

240 HONORS COURSE IN CHEMISTRY
Continuous throughout year, 3 credits each semester. Hours to be arranged.

A student taking this course may work independently on a problem in some one advanced branch of Chemistry, such as advanced Agricultural, Biological, Organic, Physical, or Quantitative Analysis. Prerequisites: Chemistry 101 or 102, 150, 152, 153, 230, 260, Mathematics 152, 153, Physics 102. Parallel courses: Chemistry 211 and 212. (Chemistry 260 and 261 may be included.) Laboratory fee $6 a semester.
260 Biological Chemistry  
Dillingham  
First semester, 3 credits.  
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 lecture-recitations a week.

261 Agricultural Chemistry  
Dillingham  
Second semester, 4 credits.  
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 lecture-recitations and two laboratory periods a week. Laboratory fee $6.

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.

262 Biological Chemistry Laboratory  
Dillingham  
First semester, 1 credit.  
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. Prerequisites: Chemistry 101 or 102, 151, 152. Laboratory fee $5.

263 Food Analysis  
Dillingham  
Second semester, 3 credits.  
A course dealing with the chemistry of food; food laws, food preservation, and methods of food analysis. Primarily for Junior and Senior Students in Household Science. One lecture-recitation and three laboratory periods a week. Prerequisites: Chemistry 260 and its prerequisites. Laboratory fee $6.

271 Colloidal Chemistry  
E. M. Bilger  
Second semester, 2 credits.  
An introduction to the chemistry of colloids. Assigned readings and written reports are required. Open to students who have completed Chemistry 150. One lecture and one laboratory period per week. Prerequisites: Chemistry 211, 212. Laboratory fee $4.

302 Research in Chemistry  
L. N. Bilger  
(Description listed with Graduate School of Tropical Agriculture courses.)

310 Seminar in Chemistry  
L. N. Bilger  
(Description listed with Graduate School of Tropical Agriculture courses.)

313 Selected Topics in Advanced Chemistry  
E. M. Bilger  
Continuous throughout year, 2 credits each semester.  
Phase rule, molecular structure, photochemistry, electro-chemistry, and recent advances in physical chemistry will be considered. Prerequisites: Chemistry 211, 212. Course may be repeated with consent of instructor. Laboratory fee $6 a semester.

315 Chemical Literature  
Dillingham, E. M. Bilger, Payne  
Continuous throughout year, 1 to 3 credits each semester.  
A library course in which articles appearing in current chemical periodicals are studied, and topics are assigned for reports. Prerequisites: Chemistry 101 or 102, 150, 152, 153, and 230. May be taken in conjunction with Chemistry 211, 316, and 317.

316 Advanced Quantitative Analysis  
Dillingham  
Continuous throughout year. Hours and credits to be arranged.  
(Formerly 216.) 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 a week, but hours and credits may be arranged. Laboratory fee $6 a semester.
Courses of Instruction

317 Advanced Organic Chemistry
Payne
First semester, 3 credits. Hours to be arranged.
(Formerly 217.) A course designed to develop maturity in the literature of the carbon compounds, and manipulative technique in the laboratory. Prerequisites: Chemistry 153 and 230. Two laboratory periods and one discussion hour a week. Laboratory fee $9.

318 Chemistry Research
Dillingham, L. N. Bilger, E. M. Bilger, Payne
Continuous throughout year. Hours and credits to be arranged.
Research and preparation of a related thesis in pure or applied chemistry. Elective course restricted to Senior and Graduate Students. Laboratory fees and breakage deposits $10 each semester. Prerequisites: Chemistry 101 or 102, 150, 152, 153, 230, 271, or their equivalents. Prerequisites or parallel: Chemistry 211, 212, 316, or 317, or 350.

320 Theoretical Organic Chemistry
L. N. Bilger
Continuous throughout year, 2 credits each semester.
A study of the theories of organic chemistry with emphasis upon mechanism of reactions, types of isomerism, asymmetric structures, relations between constitution and properties, and physicochemical principles. Primarily for Graduates, open to Seniors. Prerequisites: Chemistry 101 or 102, 150, 152, 153, 230. Prerequisites or parallel: Chemistry 211, 212.

350 Organic Analysis
Second semester, 3 credits. Hours to be arranged.
(Formerly 250.) An introduction to the technique of organic analysis, both qualitative and quantitative. Registration is limited to Graduate Students or Seniors intending to take graduate work. Prerequisites: Chemistry 153 and 230. Laboratory fee $9.

400 Thesis Research
Staff
Continuous throughout year. Hours and credits to be arranged.
Graduate Students engaged in the preparation of a Master's thesis in chemistry will register for this course. Laboratory fees and breakage deposits $10 each semester. Prerequisites: Chemistry 101 or 102, 150, 152, 153, 230, 271, or their equivalents. Prerequisites or parallel: Chemistry 211, 212, 316, or 317, or 350.

ECONOMICS AND BUSINESS

Economics

150-151 The Principles of Economics
Cameron
Continuous throughout year, 3 credits each semester.
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, monetary and banking reform, etc. Prerequisite: Sophomore standing.

223 History of Economic Institutions
Cameron
Continuous throughout year, 3 credits each semester.
A review of economic institutions from primitive times to the present. Population trends, agricultural changes, labor and manufacturing systems, evolution of capital and business organizations, origin and growth of transportation facilities, and the development of money, banking, 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.

250 Economic Problems of Far Eastern Countries
Taylor
Second semester, 3 credits.
A survey of the economic institutions of the more important countries of the Far East, particularly Japan and China, accompanied by an analysis and evaluation of some of their outstanding internal economic problems and policies. Particular attention is given to population pressure, industrialization and government control of industry. Prerequisite: Economics 150-151.
251 ECONOMIC PROBLEMS OF EUROPE
Taylor
First semester, 3 credits.
Post-war domestic and international economic problems and policies of the more important European countries with special reference to the United Kingdom, France, Germany, and Russia. Topics stressed are: Economic aspects and implications of Fascism and Communism, industrial and agricultural changes, tariff and trade policies and practices, financial problems, wages, standards of living, unemployment, and government control of industry. Prerequisite: Economics 150-151.

252 INTERNATIONAL ECONOMIC PROBLEMS OF THE PACIFIC BASIN
Taylor
First semester, 3 credits. (Not offered 1938-39)
A general survey of the international economic relationships, problems, and policies of the great powers of the Pacific basin; viz., the United States, England, Japan, and Russia. Among the topics discussed are: stages of economic development, trade and transportation relationships and rivalries, population and capital movements, and the international effects of national economic systems, problems, and policies. Prerequisite: Economics 150-151.

256 MONEY, CREDIT, AND PRICES
Hoflich
First semester, 3 credits.
A general discussion of money and credit and their relation to prices. Topics stressed are: nature of money, history of money, characteristics of credit, kinds of money, and the functioning of the various kinds in monetary systems, the monetary systems of the United States, money and prices, and the relation of money to the interest rate. Prerequisite: Economics 150-151.

257 BANKING
Hoflich
Second semester, 3 credits.
The nature and history of banking followed by a detailed discussion 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 banking system as a whole. Prerequisites: Economics 150-151 and 256.

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

262-263 PRACTICE BANKING
Hoflich
Continuous throughout year, 2 credits each semester.
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.

265 INTERNATIONAL FINANCE
Taylor
Second semester, 3 credits. (Not offered 1938-39)
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 exchange by national governments. Prerequisite or parallel: Economics 256 and 257.

270 PUBLIC UTILITIES
Cameron
Second semester, 3 credits. (Not offered 1938-39)
The economic nature and history of public utilities, excluding railroads, followed by a critical discussion of their control by the state. Prerequisites: Economics 150 and 151.

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

276 TRUSTS AND INDUSTRIAL COMBINATIONS

First semester, 3 credits.

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.

281 LABOR PROBLEMS

First semester, 3 credits.

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.

285 THEORY AND CONTROL OF FOREIGN TRADE

First semester, 3 credits. (Not offered 1938-39)

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.

288 RISK, RISK-BEARING, AND SPECULATION

First semester, 3 credits.

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.

291 AGRICULTURAL ECONOMICS

Second semester, 3 credits.

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.

296 RECENT ECONOMIC THOUGHT

First semester, 3 credits.

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.

305-306 SEMINAR IN GENERAL ECONOMICS

Continuous throughout year, maximum of 3 credits each semester.

310-311 SEMINAR IN INTERNATIONAL ECONOMICS AND TRADE

Continuous throughout year, maximum of 3 credits each semester.

315-316 SEMINAR IN FINANCE

Continuous throughout year, maximum of 3 credits each semester.

400 THESIS RESEARCH

Hours and credits to be arranged.
150-151 ELEMENTARY ACCOUNTING

Continuous throughout year, 3 or 4 credits each semester.

The fundamental principals 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.

152-153 ELEMENTARY ACCOUNTING

Continuous throughout year, 3 or 4 credits each semester.

This course duplicates the subject matter 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.

250-251 INTERMEDIATE ACCOUNTING

Continuous throughout year, 3 credits each semester.

This course is concerned primarily with the balance sheet, its form, 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.

252-253 INTERMEDIATE ACCOUNTING

Continuous throughout year, 3 credits each semester. (Not offered 1938-39)

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: A grade of at least C in Business 150-151 or 152-153, Economics 150-151, or consent of the instructor.

254 COST ACCOUNTING

First semester, 2 credits. (Not offered 1938-39)

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.

255 ANALYSIS OF FINANCIAL STATEMENTS

Second semester, 2 credits. (Not offered 1938-39)

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 250-251 or 152-153 and Economics 150-151 or consent of the instructor.

256 INCOME TAX PROBLEMS AND PROCEDURE

Second semester, 2 credits. (Not offered 1938-39)

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.

259 OFFICE MANAGEMENT

Second semester, 2 credits.

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. Prerequisites: Business 250-151 or consent of the instructor.

260-261 BUSINESS LAW

Continuous throughout year, 2 credits each semester.

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. Prerequisite: Junior standing or permission of the instructor.
264 **Principles of Business**  
*Second semester, 3 credits. (Not offered 1938-39)*  
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 public relations. Prerequisite: Economics 150-151.

265 **Corporation Finance**  
*Second semester, 3 credits. (Not offered 1938-39)*  
Problems involved in the financial administration of corporations, such as determination of capital requirements, 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.

266 **Investments and Investment Banking**  
*First semester, 3 credits.*  
A general survey of investments and investment banking, stressing the economic theory of investment, tests of investment, personnel of investors, investment credit analysis, mathematics of investment, tools of investment, types of investment institutions and their functioning in the process of investment. Prerequisites: Economics 150-151 and Business 150-151 or 152-153 or permission of the instructor.

267 **Business Cycles and Business Forecasting**  
*First semester, 3 credits. (Not offered 1938-39)*  
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.

270-271 **Principles of Marketing**  
*Continuous throughout year, 3 credits each semester.*  
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.

273 **Economics of Advertising**  
*Second semester, 3 credits.*  
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.

275 **Technique of Foreign Trade**  
*Second semester, 3 credits. (Not offered 1938-39)*  
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.

276 **Economics of Retail Merchandising**  
*First semester, 3 credits.*  
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.
280 Salesmanship and Sales Management  
Second semester, 3 credits. (Not offered 1938-39)  
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.

291 Statistics  
Second semester, 3 credits.  
Nature and development of the science; uses, characteristics, and sources of statistics; gathering material; and 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.

292 Law of Contracts  
Continuous throughout year, 2 credits each semester. (Not offered 1938-39)  
The formation of simple contracts, including mutual assent and consideration; sealed contracts; assignment; parties affected by contracts; joint and joint-and-several contracts; performance and breach of contracts; impossibility of performance; damage for breach; operation of the Statute of Frauds; illegality; and the discharge of contracts. Prerequisite: Business 260-261 with a grade of C or consent of the instructor.

293 Law of Sales  
First semester, 2 credits.  
The contract; formation and formalities of the contract; statute of frauds; subject matter, price; conditions and warranties; transfer of property and title; performance of the contract; inspection and acceptance; unpaid seller's remedies against the goods; lien; stoppage in transit; resale and recession; seller's remedies on the contract; buyer's remedies on the contract; conditional sales; effect of fraud; bulk sales. Prerequisite: Business 260-261 with a grade of C or consent of the instructor.

294 Law of Bills, Notes, and Interest  
Second semester, 2 credits.  
The law of checks, bills of exchange, and notes, with a discussion of formal requisites; acceptances, indorsement, transfer, extinguishment; obligations of parties; diligence, special character; the effect of the negotiable instruments law; interest; discount; usury; compound interest and partial payments. Prerequisite: Business 260-261 with a grade of C or consent of the instructor.

298-299 Pro-seminar in Accounting  
Continuous throughout year, maximum of 3 credits each semester.

305-306 Seminar in General Business  
Continuous throughout year, maximum of 3 credits each semester.  

Engineering  
Civil Engineering  
C. E. 101 Surveying  
Continuous throughout year, 3 credits each semester.  
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. Parallels: Mechanical Drawing 101, Mathematics 104. Required of Freshmen in Civil Engineering and Sophomores in Sugar Technology, Agricultural division. Elective for Sophomores in Agriculture, General Science, and Sugar Technology, Chemistry division. Laboratory fee $2 a semester. Two field or drafting periods and one recitation a week.
Courses of Instruction

C. E. 151 GRAPHICAL STATICS
Second semester, 2 credits.
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: Mechanical Drawing 101. Sophomores in Civil Engineering.

C. E. 153 ROADS AND PAVEMENTS
Second semester, 2 credits.
Keller

Recitations and lectures. A basic course covering the construction and maintenance of the various types of city pavements and rural highways, special reference being made to local types. Prerequisites: Civil Engineering 101 and Mechanical Drawing 101. Sophomores in Civil Engineering.

C. E. 227 ROUTE SURVEYING
Continuous throughout year, 3 credits each semester.
Brinker

Recitations, field surveying, and drafting work. Reconnaissance for location of railways, highways, or irrigation ditches. Preliminary survey; topographical surveying methods; mapping; paper location of route; computation of notes for circular and transition curves; staking of located line; plating profiles; laying out grade lines; preliminary and final earthwork computations; estimates of construction costs. Prerequisites: Civil Engineering 101, 153, Mathematics 106. Juniors in Civil Engineering.

C. E. 229 MUNICIPAL ENGINEERING
Continuous throughout year, 3 credits each semester.
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.

C. E. 231 SOIL MECHANICS
Continuous throughout year, 2 credits each semester.
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.

C. E. 252 ANALYTICAL AND APPLIED MECHANICS
First semester, 4 credits.
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, 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.

C. E. 253 STRUCTURAL MECHANICS
Second semester, 4 credits.
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: Civil Engineering 252. Juniors in Engineering.
C. E. 255 HYDRAULICS Holmes

Second semester, 3 credits.

Recitations. The principles of hydraulics and of fluid flow. The pressure of water against walls and dams, the strength of pipe, the stability of gravity dams, the flow of water through orifices and nozzles and over weirs. Manometers, Pitot tubes, and Venturi meters. Steady flow through pipes and in open channels. Prerequisite or parallel: Civil Engineering 252 and 253. Juniors in Civil Engineering.

C. E. 257 RAILWAY TRACK, TURNOUTS, AND ACCESSORIES Andrews

Second semester, 2 credits.


C. E. 260 HIGHWAY ECONOMICS Keller

First semester, 2 credits.

Recitations and lectures. This course is a continuation of Civil Engineering 153 and covers the economics of road building, the methods of paying for road construction, and the detailed design of highways and city streets. Prerequisite: Civil Engineering 153. Elective for Juniors in Civil Engineering.

C. E. 262 APPLIED FLUID MECHANICS Keller

First semester, 2 credits.

Recitations. A study of selected topics in hydraulics including non-uniform flow in open channels, transitions, unsteady flow, resistance of immersed and floating bodies, and the effects of viscosity. Prerequisite: Civil Engineering 255. Elective for Seniors in Civil Engineering.

C. E. 276 STRUCTURAL DESIGN Young

First semester, 3 credits.

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.

C. E. 277 BRIDGE DESIGN Young

Second semester, 3 credits.

Lectures and drafting exercises following Civil Engineering 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 engineer's drawings, and the specifications. Seniors in Civil Engineering.

C. E. 279 CONCRETE AND MASONRY STRUCTURES Young

Second semester, 3 credits.

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: Civil Engineering 252 and 253. Seniors in Civil Engineering.

C. E. 280 or 281 WATER ANALYSIS Keller

Continuous throughout year, credit to be arranged.

A laboratory course which covers the standard methods of making physical, chemical, and bacteriological examinations of water and sewage. Prerequisite or parallel: Civil Engineering 229. Elective for Seniors in Civil Engineering.

C. E. 284 HYDRAULICS LABORATORY Holmes

First semester, 1 credit.

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: Civil Engineering 255. Elective for Seniors in Civil Engineering.
C. E. 288  ARCHES  
Andrews  
First semester, 2 credits.

Design and investigation of the stability of masonry and reinforced concrete arches. Lectures and drafting room exercises, covering the design of a typical masonry arch bridge, and the drawing of equilibrium polygons for various loadings. Prerequisites: Civil Engineering 252 and 253. Elective for Seniors in Civil Engineering.

C. E. 289  SOIL MECHANICS LABORATORY  
Andrews  
Second semester, 1 credit.

Determination of Atterberg Limits, grain size distribution, permeability, expansion and compression indices, slaking time, specific gravity, water content, and other routine laboratory determinations. Parallel course: Civil Engineering 231. Elective for Seniors in Civil Engineering.

Mechanical Drawing (M. D.)

M. D. 101  MECHANICAL AND FREEHAND DRAWING  
Brinker  
Continuous throughout year, 2 credits each semester.

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 elements of descriptive geometry are taken up during the second semester. The cost of materials and instruments required is about $30.

M. D. 152  DESCRIPTIVE GEOMETRY  
Hoy  
First semester, 3 credits.

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: Mechanical Drawing 101 and Mathematics 104. Sophomores in Civil Engineering.

Mechanical Engineering (M. E.)

M. E. 150  OFFICE AND SHOP METHODS  
Andrews  
First semester, 2 credits.

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.

M. E. 202  MATERIALS OF ENGINEERING  
Holmes  
First semester, 2 credits.

A study of the properties of cements, cementing materials, plain and reinforced concrete, and the requirements for such materials. Methods of manufacture, affecting quality of material, standard tests employed to secure the proper grade of material, and standard specifications, are considered in this course. Prerequisites: Mathematics 106, Mechanical Drawing 133. Juniors in Civil Engineering. Laboratory fee $2.

M. E. 203  MATERIALS OF ENGINEERING  
Holmes  
Second semester, 2 credits.

A continuation of the general subject considered in Mechanical Engineering 202, taking up the properties of and requirements for wood, iron, and steel. Prerequisite: Mechanical Engineering 202. Juniors in Civil Engineering. Laboratory fee $2.

M. E. 282  STEAM MACHINERY  
Young  
First semester, 3 credits.

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.
M. E. 283 DIESEL ENGINES
Second semester, 2 credits.

A short review of the elementary thermodynamics of the Diesel engine, and a comparison of the various general types of Diesels from the literature of the various manufacturers, with a view of familiarizing the student with the engines apt to be encountered in the field. Prerequisite: Mechanical Engineering 282, or consent of the instructor. Seniors in Civil Engineering.

M. E. 285 CONTRACTS AND SPECIFICATIONS
Second semester, 2 credits.

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: Mechanical Engineering 282 or Civil Engineering 229. Seniors in Civil Engineering.

X. E. 202 MATERIALS LABORATORY
First semester, 1 credit.

A laboratory course which gives practice in making and testing specimens of cement and concrete, including reinforced concrete. Specimens are made of various mixtures of aggregates and with various water ratios, and the results compared. Parallel course: Mechanical Engineering 202. Juniors in Civil Engineering. Laboratory fee $2.50.

X. E. 203 MATERIALS LABORATORY
Second semester, 1 credit.

A continuation of Course X.E. 202 in the testing laboratory, the work of the second semester covering tests of wood and the metals. The instruction given covers a large number of practical tests, thus affording the student a valuable means of familiarizing himself with the behavior of such materials under stress. Prerequisite: X.E. 202. Parallel course: Civil Engineering 203. Juniors in Civil Engineering. Laboratory fee $2.50.

X. E. 254 MATERIALS LABORATORY
First semester, 1 credit.

A continuation of Courses X.E. 202 and 203, intended for the benefit of students who wish to become more familiar with the operation of the testing machines than is possible in the courses of the Junior year, or who may wish to make tests not ordinarily included in routine testing work. Prerequisite: X.E. 203. Elective for Seniors in Civil Engineering. Laboratory fee $2.50.

ENGLISH

BASIC COURSES

Composition

All regular students, and all special students desiring to elect English 100 or 102, are given a placement test in English. Courses in English given in Teachers College are professional courses and are open only to students in that college.

100 COMPOSITION
Continuous throughout year, 3 credits each semester.

The principles of exposition, description, and narration; analysis of illustrative specimens; frequent written exercises, and individual conferences with instructor; 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. Collateral reading fee $1 each semester.

100B COMPOSITION
Second semester, 3 credits.

This course is essentially a repetition of the first semester of English 100. Students satisfactorily completing English 100B will qualify for admission to English 110 and 130; but they will be expected to complete course 100C during the first semester of their Sophomore year. Collateral reading fee $1.
Courses of Instruction

100C COMPOSITION  Staff
First semester, 3 credits.
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 110 or 150. Collateral reading fee $1.

102 COMPOSITION  Neil
Continuous throughout year, 3 credits each semester.
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 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 each semester.

110 ENGLISH APPLIED IN TECHNICAL WRITING  Stroven
Continuous throughout year, 2 credits each semester.
The principles of technical exposition, with composition and analysis of reports, papers, and selected types of business letters. May be taken in place of English 150 by Sophomores in the College of Applied Science.

116 ADVANCED COMPOSITION  Clark
Continuous throughout year, 3 credits each semester. (Not offered 1938-39)
Practice in various forms of writing, with criticism and illustrative reading. Designed especially for Sophomores.

Journalism

120 NEWS WRITING  Orne
First semester, 3 credits.
Principles of newspaper work. Recognition of news. Structure of the news story. Journalistic style. Prerequisite: grade of B or better in composition or consent of the instructor.

121 ADVANCED NEWS WRITING  Orne
Second semester, 3 credits.
A continuation of English 120 into more complex news writing. Prerequisite: English 120 or consent of the instructor.

Speech

30 SPEECH IMPROVEMENT  Staff
Continuous throughout year, 1 credit each semester.
An elementary course on the sounds of English; required of all freshmen whose speech is below the standard required of university graduates or who need a higher standard and greater proficiency in conversational speech. Textbook fee $1 each semester*. Two recitations. No credit given to Juniors and Seniors taking this course.

130 FUNDAMENTALS OF PUBLIC SPEAKING  Brigance, Peavey
Continuous throughout year, 3 credits each semester.
The fundamentals of action, projection, self control before audiences, outlining, and speech organization. Platform speaking throughout the course. A beginning course open to all students.

* A tuition fee of $5 is charged part-time students taking this course. Advanced students who have been removed from classified standing by the University Committee on English because of unsatisfactory speech are not given credit for taking this course.
132 Argumentation and Debate

Beck

Continuous throughout year, 3 credits each semester.

The nature of argument, with emphasis on analysis, brief drawing, outlining, reasoning, sources and kinds of evidence, audience analysis, and persuasive techniques. Practice in argumentative speaking.

134 Voice and Diction

Peavey, Larry, Bugley

Continuous throughout year, 3 credits each semester.

A systematic training in the nature, articulation, speech-tune, rhythm, and pronunciation of English speech. Elementary interpretation will form a part of the basic drills. Intended for students who want intensive training in English speech above the level of English 30.

140 Play Production

Wyman

Continuous throughout year, 3 credits each semester.

Scene construction and stage management. A practical course dealing with scene design, construction, and painting, lighting, properties, costumes, and stage management. A study of the mechanics of a stage with elementary training in making working drawings. Lectures and laboratory work. The major productions of the Theatre Guild will be used as laboratory material.

146 Dramatic Laboratory

Wyman

Continuous throughout year, 1 credit each semester.

A laboratory course in dramatic interpretation and stage management, using the major productions of the Theatre Guild as material.

150 English Literature

Sinclair, Clark

Continuous throughout year, 3 credits each semester.

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 the 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 110. Prerequisite: English 100 or 102.

152 General English

(Description listed with Teachers College courses.)

160 Literature of the Pacific Islands

Stroven

Continuous throughout year, 1 credit each semester. (Not offered 1938-39)

A survey of the literature of the South Seas, including narratives by Melville, Stevenson, London, Maugham, Nordhoff and Hall, and other writers deserving but less well known.

170 Introduction to Poetry

Clark

First semester, 3 credits.

This is a course in poetry appreciation, not in creative writing. Its purpose is to give the student the power to discriminate among first-rate, mediocre, and poor poems.

171 The Literature of Social Idealism

Clark

Second semester, 3 credits. (Not offered 1938-39)

This course presents a survey of Utopian literature from Plato's Republic to Aldous Huxley's Brave New World, introducing the student to a critical study of the ideal social systems created by writers past and present.
Courses of Instruction

ADVANCED COURSES

Composition

10 BUSINESS CORRESPONDENCE Peavey
First semester, 2 credits.
Designed especially for students in Economics and Business. A study of the principles and practices observed in business correspondence: the psychology and composition of sales, credit, collection, adjustment, form, and application letters. Prerequisite: Junior standing.

216 THE ONE-ACT PLAY Wilson
First semester, 3 credits.
The technique of the one-act play, analysis of selected examples, and the writing of original plays.

217 THE SHORT STORY Wilson
Second semester, 3 credits.
A creative writing course supplementary to 216. Analysis of models and writing of original stories. Prerequisite: English 150 or equivalent.

Journalism

211 PRINCIPLES OF PUBLICITY Peavey
Second semester, 2 credits.
Designed especially for students in Economics and Business. A study of the psychological factors in publicity writing, with practice in the preparation of promotion articles for newspapers, advertising folders, and pamphlets. Prerequisite: Junior standing.

222 ELEMENTS OF PUBLISHING Orne
First semester, 2 credits.
The mechanics of printing. The mechanical makeup of the newspaper. Prerequisites: English 100 or 102, 120, and 121, or consent of the instructor.

223 NEWS EDITING Orne
Second semester, 2 credits.
Rewriting, copy reading, and headline writing. Prerequisites: English 100 or 102, 120, 121, 222, or consent of the instructor.

229 JOURNALISTIC PRACTICE Orne
Continuous throughout year, credit to be arranged.
Supervised reporting and editing on Ka Leo, student newspaper. Students may enter the course either semester. Prerequisites: a grade of B or better in English 100 or 102; English 120, 121, 222, 223, or consent of the instructor.

Speech

230 LITERARY INTERPRETATION Bukeley
Continuous throughout year, 3 credits each semester.
A study of the art of giving to others through speech the idealional and emotional content of literature. Designed for students who wish special training in voice development, articulation, pronunciation, and the rhythm of speech. Based upon the principles of applied phonetics. Consent of instructor required.

236 THE FOUNDATIONS OF PUBLIC DISCUSSION Brigance
First semester, 3 credits. (Not offered 1938-39)
The place of public discussion as a form of force in a democracy; the psychology of the audience, its prejudices and motivation; rhetoric, logic, and persuasion in human relations. Practice in preparing and delivering speeches on current public issues. Prerequisite: English 130 or consent of instructor.
237  THE FORMS OF ADDRESS  
   Second semester, 3 credits. 
   A critical study of the methods and literature of various types of public address; preparation and delivery of the more important types. The following types are included: after dinner, eulogy, dedication, anniversary, introduction, welcome, response, presentation, acceptance, legislative and political, court room, pulpit, public lecture. Prerequisite: English 130 or consent of instructor.

240  MODERN DRAMA  
   Continuous throughout year, 3 credits each semester. (Not offered 1938-39) 
   A critical reading of selected modern plays with special emphasis upon dramatic values.

246  ELEMENTARY ACTING  
   Continuous throughout year, 3 credits each semester. 
   Discussions and practical work demonstrating the underlying and fundamental principles of acting. Open only to those who have passed a satisfactory speech examination.

249  SEMINAR IN FORENSICS  
   Continuous throughout year, credit arranged each semester. 
   A course limited to students participating in University forensics or others admitted by the instructor.

Literature*

250  EUROPEAN MASTERS  
   Continuous throughout year, 3 credits each semester. (Not offered 1938-39) 
   A study of the writing in translation of sixteen European masters from Dante to Ibsen, including Cervantes, Goethe, Voltaire, Rousseau, Montaigne, Moliere, Hugo, Flaubert, Anatole France, Tolstoi, Dostoevsky, Turgenev, Bjornson, Strindberg. Lectures, reports.

252  WORLD LITERATURE  
   Continuous throughout year, 3 credits each semester. 
   (Formerly English 214.) 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.

254  MODERN CONTINENTAL DRAMA  
   Continuous throughout year, 3 credits each semester. 
   A historical and critical study of modern European drama and of the stage from Ibsen to our time.

260  AMERICAN LITERATURE  
   Continuous throughout year, 3 credits each semester. 
   A critical survey of American literature to the present, with attention to the main currents of American thought and culture.

262  THE FRONTIER IN AMERICAN LITERATURE  
   Continuous throughout year, 2 credits each semester. 
   A study of the direct contributions made by the frontier to American literature, including, among others, folk literature, western humor, and the work of such writers as Mark Twain, Bret Harte, Joaquin Miller, and Willa Cather. Prerequisite: acquaintance with general American literature.

* English 150 is prerequisite to all courses in this division.
# Courses of Instruction

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>266</td>
<td>Special Studies in American Literature</td>
<td>Stroven</td>
<td>Continuous throughout year, 2 credits each semester. (Not offered 1938-39)</td>
<td>A study of one or two major American writers or of some special aspect of American literary history. Prerequisite: acquaintance with general American literature.</td>
</tr>
<tr>
<td>270</td>
<td>The English Novel from the Beginning to the Present</td>
<td>Neil</td>
<td>Continuous throughout year, 3 credits each semester. (Formerly English 207 and 255)</td>
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</tr>
<tr>
<td>272</td>
<td>English Drama from the Beginning to the Present</td>
<td>Wilson</td>
<td>Continuous throughout year, 3 credits each semester. (Not offered 1938-39)</td>
<td>The period courses (Age of Chaucer, Age of Elizabeth, etc.) listed below, and not, in most cases, described in detail, give intensive study in all the major writers and significant movements in English literature from Chaucer's day to the present. They are scheduled in a way which conveniently permits the student majoring in English literature to take them all in the course of four undergraduate years.</td>
</tr>
<tr>
<td>274</td>
<td>The Age of Chaucer</td>
<td>Schwartz</td>
<td>First semester, 3 credits.</td>
<td>An introduction to medieval thought as exemplified in European and English literature, to be read in modern English.</td>
</tr>
<tr>
<td>275</td>
<td>The Age of Elizabeth</td>
<td>Schwartz</td>
<td>Second semester, 3 credits.</td>
<td>The English Renaissance will be studied through reading the poets, dramatists, and great prose writers of the period.</td>
</tr>
<tr>
<td>276</td>
<td>Shakespeare</td>
<td>Schwartz</td>
<td>Continuous throughout year, 3 credits each semester. (Not offered 1938-39)</td>
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<tr>
<td>280</td>
<td>The Age of Milton</td>
<td>Sinclair</td>
<td>Continuous throughout year, 3 credits each semester. (Not offered 1938-39)</td>
<td>Milton the first semester; Milton's contemporaries the second semester.</td>
</tr>
<tr>
<td>282</td>
<td>The Age of Pope and Johnson</td>
<td>Clark</td>
<td>Continuous throughout year, 3 credits each semester. (Not offered 1938-39)</td>
<td>The aim of this course is to study the 18th century as the intellectual parent of the 20th. Literature selected will reflect the new dominance of the middle class and of science.</td>
</tr>
<tr>
<td>284</td>
<td>The Age of Wordsworth</td>
<td>Neil</td>
<td>Continuous throughout year, 3 credits each semester. (Not offered 1938-39)</td>
<td>Chiefly a study of the principal poets and prose writers of the Romantic Movement.</td>
</tr>
<tr>
<td>286</td>
<td>The Victorian Age</td>
<td>Neil</td>
<td>Continuous throughout year, 3 credits each semester.</td>
<td>A study of the principal poets and prose writers of the period 1830-1890.</td>
</tr>
</tbody>
</table>
288  THE TWENTIETH CENTURY  Schwartz
Continuous throughout year, 3 credits each semester.
A study of representative contemporary novelists, playwrights, poets, etc., English and
American; the starting point being Bennett, Wells, and Galsworthy in the English novel.

290-291  ENGLISH IN THE ELEMENTARY SCHOOL  Coale
(Description listed with the Teachers College courses.)

292-293  ENGLISH IN THE SECONDARY SCHOOL  Coale
(Description listed with the Teachers College courses.)

294-295  LITERATURE OF THE ELEMENTARY SCHOOL  Coale
(Description listed with the Teachers College courses.)

297  THE SOUNDS OF ENGLISH  Henderson
First semester, 2 credits.
Elementary phonetics with emphasis on ear training and the production of English speech
sounds.

298  CORRECTION OF SPEECH DEFECTS, ELEMENTARY COURSE  Henderson
First semester, 2 credits.
The study of the speech apparatus as it functions in the formation of speech sounds, and
the application of this knowledge to the correction of functionally defective speech. Prereq­
quisite: English 297 or its equivalent.

299  TECHNIQUES OF SPEECH IMPROVEMENT IN THE ELEMENTARY SCHOOL  Henderson
Second semester, 2 credits.
A course designed to meet the general speech problems in the schools of Hawaii. Ma­
terials will be studied that are adapted to the various school grades, and techniques for their
application will be considered. Prerequisite: English 297 or its equivalent.

GRADUATE COURSES

300  CORRECTION OF SPEECH DEFECTS, ADVANCED COURSE  Henderson
2 credits. (Not offered 1938-39)
Classification of defects and disorders of speech, with intensive study of disordered speech,
its causes and methods of correction. Prerequisites: English 297, 298, or their equivalent,
and consent of the instructor.

302  THE SPEECH CLINIC  Henderson
Continuous throughout year, 2 to 6 hours credit.
May be repeated for additional credit by students who have taken it for less than the maxi­
mum credit.

310  THE DEVELOPMENT OF MODERN ENGLISH  Schwartz
(Not offered 1938-39)
A study of usage in pronunciation, grammar, etc., in the light of the history of the Eng­
lisli language.

350  SEMINAR IN ENGLISH LITERATURE  Staff
Hours and credits to be arranged.
An introduction to the methods of independent study and research, applied to some spe­
cial aspect of English literature. Either this seminar or the English 360 seminar is re­
quired of all master's candidates.

355  INDIVIDUAL STUDIES  Staff
Hours and credits to be arranged.
Investigation in fields of special interest or value to the individual student.
Courses of Instruction

360  **SEMINAR IN AMERICAN LITERATURE**  
*Hours and credits to be arranged.*  
A seminar in American literature similar in method and scope to English 350. Either this seminar or the English 350 seminar is required of all master's candidates.

400  **THESIS RESEARCH**  
*Hours and credits to be arranged.*  

FRENCH

100  **ELEMENTARY COURSE**  
*Pecker, Métraux*  
Continuous throughout year, 3 credits each semester.  
Phonetics, diction, conversation, reading of easy prose and poetry.

101  **NINETEENTH CENTURY FRENCH NOVEL**  
*Métraux*  
Continuous throughout year, 3 credits each semester.  
Reading of selected masterpieces of Hugo, Daudet, Balzac, Sand, and others. Prerequisite: one year of French in college or two years in preparatory school.

200  **CONTEMPORARY FRENCH LITERATURE**  
*Pecker*  
Continuous throughout year, 3 credits each semester.  
Critical study of the most modern movement in French prose. 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.

201  **PHONETICS**  
*Pecker*  
Continuous throughout year, 1 credit each semester.  
A study of French sounds. Required of those majoring in Romance languages. Conversation and diction.

202  **ADVANCED CONVERSATION AND COMPOSITION**  
*Pecker*  
Continuous throughout year, 2 credits each semester.  
A practical course in everyday 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.

250  **CLASSIC DRAMA**  
*Pecker*  
First semester, 2 credits.  
Masterpieces of Corneille, Racine, and Moliere. Lectures in French upon the literary history of the period. Additional outside reading and research will be assigned.

251  **ROMANTIC SCHOOL**  
*Pecker*  
Second semester, 2 credits.  
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.

252  **MODERN FRENCH DRAMA**  
*Pecker*  
First semester, 2 credits. (Not offered 1938-39)  
Selected plays of Brieux, Rostand, Masterlinck, Giraudoux, Bataille, Geraldy, Cocteau, and others. Rapid reading with essays, lectures, and discussions. Individual research and reports.

253  **ADVANCED FRENCH SEMINAR**  
*Pecker*  
Second semester, 2 credits. (Not offered 1938-39)  
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 CONTEMPORARY FRENCH LITERATURE Pecker

Continuous throughout year. Hours and credits to be arranged.

Individual research in the very latest French publications. To be taken only with the consent of the instructor.

GEOGRAPHY

150 ELEMENTS OF GEOGRAPHY Coulter, Jones

First semester, 3 credits.

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.

151 ECONOMIC GEOGRAPHY Coulter, Jones

Second semester, 3 credits.

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. Prerequisite: Geography 150.

160 FIELD GEOGRAPHY (Basic Course) Jones

Second semester, 2 credits.

Field studies, with related laboratory work, emphasizing methods of observing, mapping, and interpreting cultural and natural features in and near Honolulu. Class study of geographical techniques suitable for advanced field work in geography and other sciences. Prerequisite: Geography 150.

180-181 ELEMENTARY METEOROLOGY Lindeman

Continuous throughout year, 2 credits each semester.

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.

200 FIELD GEOGRAPHY Coulter

Hours and credits to be arranged.

This course comprises field and library work in human and economic geography. It includes collection, evaluation, and presentation of field data. Registration only with consent of the instructor.

252 GEOGRAPHY OF NORTH AMERICA Coulter

First semester, 3 credits.

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: Junior standing or any of the following: Geography 150, 151, Geography 261 (listed also with courses in Teachers College), Geology 252.

255 GEOGRAPHY OF ASIA Coulter

Second semester, 3 credits.

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: Junior standing or any one of the following: Geography 150, 151, Geography 261 (listed also with courses in Teachers College), Geology 252.

258 GEOGRAPHY OF EUROPE Coulter

First semester, 2 credits.

A survey of the major geographic regions of Europe. Prerequisite: Junior standing or one course in geography.
Courses of Instruction

261 OCCUPATIONAL GEOGRAPHY
First semester, 3 credits; repeated second semester.
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. (Listed also with courses in Teachers College).

262 GEOGRAPHY OF HAWAI'I
First semester, 2 credits.
An interpretation of the economic activities in Hawaii in relation to the natural environment of the islands and the cultural background of the people. Prerequisite: one course in geography.

263 GEOGRAPHY OF PACIFIC ISLANDS
Second semester, 2 credits.
The human and economic geography of Polynesia (except Hawaii), Melanesia, Micronesia, and the Philippines. Prerequisite: one course in geography.

271 POLITICAL GEOGRAPHY
Second semester, 2 credits.
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.

280-281 ADVANCED METEOROLOGY
Continuous throughout year, 2 credits each semester.
A study of dynamical meteorology suitable for students of aviation and weather forecasting. The physics of the atmosphere, behavior of air masses, and frontal analysis are studied. Prerequisite: Geography 180-181 or equivalent training.

300 GEOGRAPHY SEMINAR
Hours and credits to be arranged.
Special work in geography may be arranged for students capable of advanced study. Registration only with consent of instructor.

301 SEMINAR IN POLITICAL GEOGRAPHY
Hours and credits to be arranged.
Special work in political geography for students capable of advanced study. Registration only with consent of instructor.

400 THESIS RESEARCH
Credits to be arranged.
Graduate students engaged in the preparation of a Master's thesis in geography will register in this course.

GEOLOGY

252 PHYSICAL GEOLOGY
First semester, 3 credits.
A 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 of the following, Botany 101, Chemistry 101 or 102, Geography 150 and 151, Physics 102 or 130 and 131, or Zoology 150. Two recitations and one laboratory period a week. Laboratory fee $1.

253 HISTORICAL GEOLOGY
Second semester, 3 credits.
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.
254 ECONOMIC GEOLOGY
First semester, 3 credits. (Alternate years; not offered 1938-39)
A study of the distribution, nature, and origin of the more important metallic and non-metallic minerals. Prerequisite: Geology 252 or 256. Three recitations a week.

255 GEOLOGY OF GROUND WATER
Second semester, 2 credits. (Alternate years; not offered 1938-39)
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.

256 GEOLOGY FOR ENGINEERS
First semester, 3 credits.
A study of the materials of the earth, and of the modes of work and results accomplished by the various geological agents, introduced by a brief discussion of weather and climate. Required of Juniors and Seniors in Civil Engineering. Open to others with consent of the instructor. Three recitations a week.

260 PHYSIOGRAPHY
First semester, 3 credits.
A study of the processes that sculpt 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. Prerequisites: Geology 252 and 253. Three recitations a week.

261 CRYSTALLOGRAPHY
Second semester, 1 credit.
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.

262 VOLCANOLOGY
Second semester, 2 credits.
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.

200-300 GEOLOGY SEMINAR
First semester; repeated second semester.
Special work in geology may be arranged for students capable of more advanced work. Registration only with consent of instructor. Hours and credits to be arranged.

GERMAN

100 ELEMENTARY GERMAN
Hoermann, Mueller
Continuous throughout year, 3 credits each semester.
A course for beginners in the German language. Grammar developed from easy reading material. Exercise in reading and translating German. Singing of German folk songs.

101 INTERMEDIATE GERMAN
Mueller
Continuous throughout year, 3 credits each semester.
Continuation of German grammar according to methods used in first year. A vocabulary is built up by discussing pictures. Reading and practice of sight reading in class. In the second semester students keep a diary in German which is corrected by the Instructor.

102 SCIENTIFIC GERMAN
Hoermann
Continuous throughout year, 3 credits each semester.
In this course the stress is laid entirely on sentence construction and its analysis. The textbook used for translation is a compilation of excerpts from difficult German scientific readings.
Courses of Instruction

200 ADVANCED GERMAN
Hoermann
Continuous throughout year, 3 credits each semester.
Rapid reading for comprehension. German classics: Lessing, "Minna von Barnhelm" and "Nathan der Weise"; Schiller, "Wallenstein" and "Don Karlos"; Goethe, "Goetz von Berlichingen" and "Egmont"; Buerger, "Balladen." Free compositions. This course is conducted partly in German. (Alternates with German 201.)

201 ADVANCED GERMAN
Hoermann
Continuous throughout year, 3 credits each semester. (Not offered 1938-39)
In this course contemporary German literature is read. Composition is similar to that in German 200. The course is conducted partly in German.

202 ADVANCED SCIENTIFIC GERMAN
Hoermann
Continuous throughout year, 1 credit each semester.
An advanced course in German scientific reading, with especial stress on sentence construction characteristic of scientific writing. Sight translation of scientific material is practiced in class. This course prepares for the reading requirements of an advanced degree. Students may repeat this course for additional credit, for the reading matter is changed each year. By outstanding students it also may be taken for 2 credits if additional translation is done. Prerequisite: two years of college German or permission of the instructor.

HAWAIIAN

100 A FIRST COURSE IN THE HAWAIIAN LANGUAGE
Judd
Continuous throughout year, 3 credits each semester.
Learning the elements of the Hawaiian language.

101 SECOND COURSE IN THE HAWAIIAN LANGUAGE
Judd
Continuous throughout year, 3 credits each semester.
Reviewing Hawaiian grammar.

200 ADVANCED COURSE
Judd
Continuous throughout year, 3 credits each semester.
Reading Hawaiian antiquities. Composition work in the language.

250-251 GREAT LEADERS OF HAWAI
Judd
Continuous throughout year, 1 credit each semester.
A biographical approach to the study of Hawaiian history.

HISTORY

100 HISTORY OF WESTERN CIVILIZATION
Bachman
Continuous throughout year, 3 credits each semester.
A study of the development of modern culture and institutions, including the classical heritage, medieval contributions, expansion overseas, and present-day tendencies in Europe and America. Lectures in the course dealing with the development of science given by Prof. St. John.

204 DIPLOMATIC AND COLONIAL HISTORY OF MODERN EUROPE
Mehnert
(Not offered 1938-39)
Foreign policy of the European nations; their leading statesmen. Causes for the world war. The peace settlements.

209-210 POLITICAL AND SOCIAL HISTORY OF ENGLAND
Hunter
Continuous throughout year, 3 credits each semester.
A survey of the political, social, industrial, intellectual, and religious life of the English people. Designed primarily for students majoring in English.
211 **Constitutional History of England**  
*Hunter*  
(Not offered 1938-39)  
A study of Anglo-Saxon institutions, Norman innovations; the legal, administrative, and parliamentary development under the Angevins; the limitation of the royal power; and the rise of the cabinet system. Recommended as a prerequisite for U. S. Constitutional history and for students taking a pre-legal course.

212 **History of Central Europe**  
*Mehnert*  
(Not offered 1938-39)  
Decisive events and personalities in the history of the German people, including a survey of bordering nations in Eastern Europe.

213 **History of Modern Russia**  
*Mehnert*  
(Not offered 1938-39)  
Survey of Russian history from Peter the Great to Stalin.

216 **Russian Culture and Thought in the 19th and 20th Centuries**  
*Mehnert*  
*First semester, 3 credits.*  
The contribution of Russian literature and political thought to modern civilization. Pushkin, Gogol, Tolstoi, Dostoyevsky, Chekhov, Lenin, Stalin, and others.

218 **Europe in the Pacific**  
*Mehnert*  
*Second semester, 3 credits.*  
History of European exploration, settlement, trade, and political rivalry in the Pacific Area.

219 **Europe in Asia**  
*Mehnert*  
*First semester, 2 credits.*  
European relations with Asia (excluding the Near East).

225 **History of China**  
*Lee*  
*Continuous throughout year, 3 credits each semester.*  
A general survey of Chinese history; the development of institutions; the impact of western culture upon Chinese civilization.

226 **History of Japan**  
*Kimura*  
*Continuous throughout year, 3 credits each semester.*  
A general survey of Japanese history; the development of institutions; the impact of western culture upon Japanese civilization.

229 **History of the Cultural Relations Between China and the Occident**  
*S. Y. Ch’en*  
*Continuous throughout year, 2 credits each semester.*  
The religious, intellectual, and commercial relations between China and the Occidental countries from the earliest times to the present; Sino-Roman contacts, introduction of Christianity into China, influence of Chinese civilization in Europe, and the impact of western science upon the Chinese.

235 **History of Ancient China**  
*S. Y. Ch’en*  
*Second semester, 3 credits.*  
An intensive study of the formative period of Chinese civilizations and institutions, with emphasis on the revisions of traditional concepts in the light of recent archaeological discoveries and modern researches. This course should be of special interest to students who have taken History 225, or its equivalent.

241-242 **History of the United States**  
*Hunter*  
(Not offered 1938-39)  
A detailed political, economic, and social survey of the American people from 1607-1890.
Courses of Instruction

243 THE UNITED STATES, 1890-1936. Hunter
(Not offered 1938-39)
A survey of the political, economic, and social transformation of the United States since the close of the Frontier period.

244-245 DIPLOMATIC HISTORY OF THE UNITED STATES Hunter
Continuous throughout year, 3 credits each semester.
The relations of the United States with Europe, South America, and the Far East from 1775 to the present.

249 REPRESENTATIVE AMERICANS Hunter
(Not offered in 1938-39)
A series of biographical sketches of leading characters in American history from the Revolution to the present. Lectures and reports, accompanied by reading from standard biographies.

250 THE HISTORY OF EARLY CIVILIZATION IN THE FAR EAST
First semester, 2 credits. (Not offered 1938-39) Kimura
A general survey of the development of civilization in Eastern Asia. Subjects to be treated include physical environment, flora and fauna, early man, the races of Asia, neolithic, chalcolithic, and bronze ages, Shang and Chou dynasties, iron age, and diffusion of civilization over Eastern Asia.

251 HISTORY OF THOUGHT IN JAPAN
Second semester, 2 credits. (Not offered 1938-39) Kimura
A study of the major schools of thought and important thinkers, social reformers, economists, statesmen, and educators of the Far East, including the Confucian, Taoist, Mohist, Legalist, Buddhist, Ryobu-Shinto, Neo-Confucian, Wang Yang-ming, and neo-Shinto schools, and various non-conformist thinkers.

252 CONSTITUTIONAL HISTORY OF THE UNITED STATES Hunter
First semester, 2 credits.
The genesis, drafting, ratification, and development of the Federal Constitution.

253-254 HISTORY OF HISPANIC AMERICA Hunter
Continuous throughout year, 2 credits each semester.
The political, economic, and social development of the Hispanic American Republics from colonial times to the present; with emphasis on the ABC Powers and South America's relations with the United States.

276 HISTORY OF THE HAWAIIAN ISLANDS Kuykendall
First semester, 2 credits.
A general course in some detail, with emphasis on the period of the monarchy. Lectures, assigned reading, and exercises.

277 THE PACIFIC REGION IN MODERN TIMES Kuykendall
(Not offered in 1938-39)
First contact of East and West; discovery and exploration; activities of traders and missionaries; development of European and American interests; origin of current problems.

285 RUSSIA IN ASIA Mehnert
First semester, 3 credits.
The history of Russia's conquest and colonization of Siberia and Central Asia; early relations with China; rivalry with Great Britain.

286 RUSSIA IN THE PACIFIC Mehnert
Second semester, 3 credits.
Russia's occupation of the Siberian Pacific coast, her activities in Alaska, California, and Hawaii and her modern relations with China and Japan.
310 SEMINAR IN HISTORICAL METHOD Hunter
First semester, 2 credits.
Designed to give Graduate Students training in the evaluation of sources and in the preparation of theses. Open to Seniors and Graduate Students.

311 SEMINAR IN AMERICAN DIPLOMATIC HISTORY Hunter
Second semester, 2 credits.
Open to Seniors and Graduates who wish to acquire more familiarity with source materials.

313 SEMINAR IN HISTORIOGRAPHY Hunter
(Not offered 1938-39)
Open to Seniors and Graduates who desire a better knowledge of historians.

315 SEMINAR IN JAPANESE HISTORY Kimura
Credits to be arranged.

316 SEMINAR IN CHINESE CULTURAL HISTORY S. Y. Ch'en
Credits to be arranged.

318 SEMINAR: RUSSIA IN ASIA Mehnerz
Continuous throughout the year, 2 credits each semester.

327 SEMINAR IN HAWAIIAN HISTORY Kuykendall
First semester, 2 credits.
Open to Seniors, Graduates, and Unclassified Students. Prerequisite: History 310 or equivalent.

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

HOME ECONOMICS
See pages 73 to 75 for outline of courses in Home Economics. After the second year the student may choose a Household Art major or Household Science major. Educational courses to satisfy the requirements for teaching may be taken as electives in the Junior and Senior years if desired.

General Courses

H. E. 100 ORIENTATION IN HOME ECONOMICS Bazore
First semester, 1 credit.
The application of social ethics to daily life. The position of women in the family and community life. The choice of a vocation and vocational opportunities in home economics and related fields. Required of all Home Economics Freshmen.

H. E. 101 HYGIENE AND HOME NURSING
Second semester, 3 credits.
The principles of healthful living applied to the individual and the community. Home nursing and care of the sick. Two lectures and one 2½-hour laboratory period a week. Required of all Home Economics Freshmen.

H. E. 201 CONSUMER BUYING Bazore
Second semester, 2 credits.
The course will include a brief survey of the market structure, advertising agencies, testing bureaus, and consumer buying habits. Special consideration will be given to the problems of the consumer in purchasing foods, clothing, cosmetics, drugs, furniture, and equipment. Open to all Juniors and Seniors.
Courses of Instruction

H. E. 250  HOUSEHOLD MANAGEMENT  Bazore

First semester, 3 credits; second semester, 2 credits.

A course dealing with the practical arrangement, organization, selection and cost of equipment, and care of the house, and the management of the income. The contributions of the homemaker and other members of the family to better home living will be included. Open to Juniors and Seniors only. Two lectures, one 2½-hour laboratory period a week, first semester. Lecture, one 2½-hour laboratory period a week, second semester. Laboratory fee $2 second semester.

H. E. 251  SPECIAL METHODS IN HOME ECONOMICS  Smith

Second semester, 3 credits.

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, home projects, laboratory equipment, and textbooks.

H. E. 252  CHILD TRAINING  Gaudin, Floyd

Second semester, 2 credits; 3 credits with laboratory.

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 or Education 180, 181.

H. E. 253  CHILD CARE  Smith

First semester, 2 credits.

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.

H. E. 291  PRACTICE COURSE IN HOME MANAGEMENT  Staff

First semester, 4 credits; repeated second semester.

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 accounts of household expenditures. Groups of four to six students live in the house for nine 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.

H. E. 295  FIELD PRACTICE IN HOME ECONOMICS  Staff

Hours and credits to be arranged.

After the Junior and Senior year, properly qualified students, upon the recommendation of the home economics adviser and the assistant director of the agricultural extension service, may apply for summer work under the immediate direction of a county home demonstration agent.

Household Art

H. A. 110-111  CLOTHING CONSTRUCTION  Dahl, Mark

Continuous throughout year, 2 credits each semester.

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 a semester.

H. A. 112  TEXTILES  Dahl

Continuous throughout year, 1 credit each semester.

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 each semester.
H. A. 114  DRESSMAKING AND DESIGNING  Dahl
Continuous throughout year, 2 credits each semester.

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: Household Art 110 and 112; prerequisite or parallel: Art 150, 155. Laboratory fee $5 a semester.

H. A. 150-151  COSTUME APPRECIATION  Dahl
Continuous throughout year, 1 credit each semester.

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 each semester.

H. A. 252  MILLINERY  Dahl
Second semester, 3 credits.

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: Household Art 114. Laboratory fee $5 per semester.

H. A. 253  ADVANCED DRESSMAKING  Dahl
First semester, 3 credits.

This course includes tailoring and advanced instruction in the choice of materials and practice in the art of design and dressmaking. Prerequisite: Household Art 114. Laboratory fee $3.

Household Science

H. S. 102  FOOD ECONOMICS  Bazore
Continuous throughout year, 3 credits each semester.

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 are considered. Prerequisite: Chemistry 101 or 102. Household Science 150 or its equivalent. Laboratory fee $5 per semester. One lecture, two 2½-hour laboratory periods a week.

H. S. 150  ELEMENTARY FOOD PREPARATION  Yonge
First semester, 3 credits.

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 Household Science 102. Open to all students, no prerequisite. One lecture, two 2½-hour laboratory periods a week. Laboratory fee $5.

H. S. 155  ELEMENTARY NUTRITION FOR NURSING STUDENTS  Second semester, 3 credits.

The study and application of the principles of nutrition in relation to health and disease. Special emphasis is placed upon the nutritive value and use of foods grown or used in Hawaii. This course is designed for nursing students only. Prerequisite: Household Science 150. One lecture, two 2½-hour laboratory periods a week. Laboratory fee $5.

H. S. 200  NUTRITION  Porgieter
Continuous throughout year, 3 credits each semester.

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 a week. Laboratory fee $5 a semester.
Courses of Instruction

H.S. 249-349 RESEARCH

Miller

Hours and credits to be arranged.

Problems according to preparation of student. Investigation of nutritional problems; animal and human feeding experiments. For Seniors and Graduates. Laboratory fee $5 a semester.

H.S. 251 FOOD INVESTIGATION

Bazore

Second semester, 2 or 3 credits.

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: Household Science 102. Laboratory fee $5.

H.S. 252-253 FIELD PRACTICE IN HOUSEHOLD SCIENCE

Miller

Continuous throughout year, hours and credits to be arranged.

During the Senior or Graduate year, students who have completed Household Science 200 may take field practice in cooperation with any of the organizations listed below.

1. 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.

2. 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 Household Science 271 may be offered in place of Household Science 200.

3. Students preparing to teach home economics shall be required to carry out home projects, the number and nature of such projects to be decided upon by the Home Economics staff on the basis of the students' needs. No credits.

H.S. 272 ELEMENTARY NUTRITION

Miller, Staff

First semester, 4 credits.

A study of the principles of nutrition in relation to the health of the individual and the family. The planning of adequate diets utilizing foods available in Hawaii. Required of all majors in vocational Home Economics and Household Art. Prerequisite: Household Science 102. Laboratory fee $5.

H.S. 273 MEAL PLANNING AND SERVING

Yonge

Second semester, 4 credits.

The planning, preparation, and serving of meals for various racial groups at different income levels. Special consideration will be given to the study of providing adequate diets at minimum cost utilizing locally produced foods. Required of all majors in vocational Home Economics. Prerequisite: Household Science 272. Laboratory fee $5.

H.S. 260 INSTITUTIONAL MANAGEMENT, ORGANIZATION, AND ADMINISTRATION

West

First semester, 2 credits.

The principles of scientific management applied to institutional administration. Plans and equipment for institutional food service. Records and cost accounting. Duties of a manager; employee and employer relationships. Not open to Freshmen or Sophomores.

H.S. 261 LARGE QUANTITY COOKERY

West

Second semester, 3 credits.

The application of the fundamental principles of food and nutrition to the selection and preparation of food in large quantity. Standardization of recipes, menu planning, and food costs. Prerequisite: Household Science 102. Prerequisite or parallel: Household Science 272, or Household Science 200. One lecture and two 3-hour laboratory periods a week.

H.S. 263 INSTITUTIONAL BUYING

West

Second semester, 2 credits.

Factors determining the selection and buying of foods and general supplies at retail and wholesale rates. Prerequisite: Household Science 260.
H. S. 350-351 SEMINAR IN NUTRITION

1 credit each semester; hours to be arranged.

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.

H. S. 400 THESIS RESEARCH

Hours and credits to be arranged.

MATHEMATICS

104 ENGINEERING MATHEMATICS

Continuous throughout year, 5 credits each semester.

Plane and solid analytic geometry, spherical trigonometry, and a short course in advanced algebra and differentiation. Required of Freshmen in Engineering. Prerequisites: two years of high school algebra, one year of plane geometry, one semester of plane trigonometry. Solid geometry is strongly recommended but not required.

106 CALCULUS

Continuous throughout year, 3 credits each semester.

Differential and integral calculus. Required of Sophomores in Engineering. Prerequisite: Mathematics 104 or 152-153.

149 ALGEBRA, PLANE TRIGONOMETRY, AND ANALYTIC GEOMETRY

Continuous throughout year, 3 credits each semester.

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.

150 PLANE TRIGONOMETRY

First semester, 3 credits.

Prerequisites: two years of high school algebra and one year of plane geometry.

151 ALGEBRA AND ANALYTIC GEOMETRY

Second semester, 3 credits.

Prerequisites: two years of high school algebra, one year of plane geometry, one semester of plane trigonometry.

152-153 ANALYSIS

Continuous throughout year, 3 credits each semester.

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, one semester of plane trigonometry.

252-253 ADVANCED CALCULUS AND DIFFERENTIAL EQUATIONS

Continuous throughout year, 3 credits each semester. (Alternate years)

Theory and applications of ordinary, total, and partial differential equations, Fourier and other series, hyperbolic functions. Prerequisite: Mathematics 106.

254-255 APPLICATIONS OF HIGHER MATHEMATICS IN ENGINEERING AND PHYSICAL SCIENCE

Continuous throughout year, not more than 3 credits each semester. (Alternate years; not offered 1938-39)

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: Mathematics 106.
Courses of Instruction

260 Teaching of Elementary Mathematics
First semester, 2 credits. (Alternate years; not offered 1938-39)
A study of the principles of arithmetic, algebra, geometry, and trigonometry with reference to methods of teaching. Prerequisites: high school algebra and geometry.

272-273 History of Mathematics
Continuous throughout year, 3 credits each semester. (Alternate years)
A general survey of the growth of elementary mathematics by chronological periods with special attention to racial achievements. Prerequisites: algebra, plane geometry, trigonometry.

275 Theory of Equations
Second semester, 3 credits. (Alternate years; not offered 1938-39)
Graphing of functions. Solution of higher order equations by the various methods. Prerequisite: Mathematics 149 or 150-151.

280 Elementary Statistics
First semester, 3 credits. (Alternate years; not offered 1938-39)
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.

281 Advanced Statistics
Second semester, 3 credits. (Alternate years; not offered 1938-39)
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: Mathematics 280.

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

156 Navigation
256 Infinite Series
282 Theory of Probability
283 Mathematical Theory of Finance
292 Elementary Group Theory
300 Mathematical Research
302 Fundamental Concepts of Mathematics
304 Theory of Functions of Real and Complex Variables

Military Science and Tactics
Basic Course, R. O. T. C.

Infantry

Required of all physically fit male students who are American citizens entering as Freshmen and Sophomores, including Special and Unclassified Students, with not more than 64 credits, carrying more than 9 credits. Optional for students who enter the Junior classes from other colleges.

R. O. T. C. 1 First Year Course
First semester, 1 credit.
Practical and theoretical instruction in military fundamentals; outline of United States military history and policy; leadership and rifle marksmanship. Theoretical instruction 1 hour, practical instruction 2 hours a week.
R. O. T. C. 2  First Year Course
Second semester, 1 credit.
Practical and theoretical instruction in military fundamentals, leadership, and map reading. Prerequisite: R.O.T.C. 1. Theoretical instruction 1 hour, practical instruction 2 hours a week.

R. O. T. C. 3  Second Year Course
First semester, 2 credits.
Practical and theoretical instruction in leadership, characteristics of weapons, scouting, and patrolling. Prerequisite: R.O.T.C. 2. Theoretical instruction 1 hour, practical instruction 2 hours a week.

R. O. T. C. 4  Second Year Course
Second semester, 2 credits.
Practical and theoretical instruction in leadership, functions of platoon scouts, musketry, combat principles. Prerequisite: R.O.T.C. 1, 2, 3. Theoretical instruction 1 hour, practical instruction 2 hours a week.

ADVANCED COURSE, R. O. T. C.

Infantry

The following group of five courses is elective, by students of the Junior year of all schools, selected by the university. These courses lead to a commission as Second Lieutenant, Officers' Reserve Corps, Infantry Section, Army of the United States.

R. O. T. C. 5
3 credits.
Leadership, characteristics and technique of the pistol, machine gun, and howitzer company weapons; aerial photograph reading, estimate of the situation and orders, marches; care and operation of motor vehicles; defense against chemical warfare; development for the offensive and defensive; organization of the ground; administration, including the essentials of small-unit mobilization; employment of the rifle platoon, machine gun platoon, and howitzer company squad in attack, defense, and security. Prerequisite: R.O.T.C. 1, 2, 3, 4. Theoretical instruction 3 hours, practical 2 hours a week.

R. O. T. C. 6
3 credits.
Leadership: pistol firing; review of rifle marksmanship; estimate of the situation and order; marches, development for the offensive and the defensive; organization of the ground; employment of the rifle platoon, machine gun platoon, and howitzer company platoon in attack, defense, and security. Prerequisite: R.O.T.C. 5. Theoretical instruction 3 hours, practical 2 hours a week.

R. O. T. C. 7
2 credits.
R.O.T.C. summer camp. Practical instruction in the field as a leader, including physical training, rifle marksmanship, pistol, automatic rifle, machine gun, howitzer company weapons, practice marches, shelter, and administration, including sanitation, messing, and supply. Period six weeks; usually follows the Junior year.

R. O. T. C. 8
3 credits.
Leadership: theoretical and practical review of the first year advanced training, primarily from the viewpoint of the instructor and leader; military history and policy of the United States; property, emergency procurement, and funds; basic principles of defense against tanks and aircraft; principles underlying the operation of signal communication agencies in small infantry units; combat intelligence; regulations of the Officers' Reserve Corps. Prerequisite: R.O.T.C. 5, 6. Theoretical instruction 3 hours, practical 2 hours a week.
Courses of Instruction

R. O. T. C. 9

3 credits.

Combat training, to include a review of offensive combat, defense combat, organization of the ground, combat orders, and solution of problems (infantry); combat principles of the rifle company, machine gun company, and howitzer company platoon in attack, defense, and security; military law, embracing the elementary principles of criminal law with particular reference to crimes and offenses denounced by the punitive Articles of War and the elementary principles of the jurisdiction and procedure of courts-martial and the rules of evidence applied by them; leadership, theoretical and practical instruction in the duties of leaders pertinent to the conduct of small infantry units in campaign. Prerequisite: R.O.T.C. 5, 6, 8. Theoretical instruction 3 hours, practical 2 hours a week.

R. O. T. C. BAND

1-2 credits.

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.

MUSIC

UNIVERSITY BACH CHOIR

An adult choir of mixed voices conducted by Fritz Hart; not necessarily restricted to members of the University. Rehearsals held on Tuesday nights at the residence of Bishop Littell, until other accommodations can be provided.

110 HISTORY OF MUSIC

Continuous throughout year, 2 credits each semester.

Hart

The history of music from about the year 1250 to the present; each school considered in the order of its historical importance, with particular attention to the outstanding composers of each era. One afternoon lecture a week.

120 SIGHT READING AND CHORAL SINGING

Continuous throughout year, 1 credit each semester.

Hart

A course of training in sight reading and the elements of music; choral singing. Two meetings a week.

130 STUDENT SYMPHONY ORCHESTRA

Continuous throughout year, 2 credits each semester. (Not offered 1938-39)

Hart

A symphony orchestra directed by Fritz Hart; admission to course by permission of director. Class meets for two hours once a week.

135 HARMONY AND COUNTERPOINT

Continuous throughout year, 2 credits each semester.

Hart

Class meets twice a week.

200 MUSIC APPRECIATION

Continuous throughout year, 2 credits each semester.

Thompson

A course to promote intelligent appreciation of great musicians and their masterworks. How to listen to music; history of the art of music; analysis of diverse forms of composition; demonstrations on various instruments, with discussions of their functions in the symphony orchestra; lectures on masterpieces, with illustrations on the phonograph. Special attention to the work of the Honolulu Symphony Orchestra.

210 MUSICAL FORM AND ANALYSIS

Continuous throughout year, 1 credit each semester.

Hart

In these lectures attention is given to the special structure of music. Works of great composers will be analyzed to exemplify the evolution of the art from the folk song to the symphony.
ORIENTAL STUDIES

For allied courses, see History 220, 225, 226, 229, 250, 251, 277, 315; also see Philosophy 260-261, 270-271, 321; Political Science 266, 301; Psychology 252; Sociology 256, 267, 350-351; Anthropology 254; Economics 250; English 252.

Chinese Language, Literature, and History

100 FIRST YEAR CHINESE K. Ch'en
Continuous throughout year, 3 credits each semester.
Study of 250 foundation characters each semester. Reading and construction of characters and sentences, dictation, simple conversation, and translation.

100B BEGINNERS' COURSE FOR OCCIDENTAL STUDENTS K. Ch'en
Continuous throughout year, 3 credits each semester.
Same as O.S. 100. (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 K. Ch'en
Continuous throughout year, 3 credits each semester.
Continues the study of 250 more foundation characters and idioms each semester. Reading, construction of characters and sentences, dictation, conversation, translation, and composition.

101B INTERMEDIATE COURSE FOR OCCIDENTAL STUDENTS K. Ch'en
Continuous throughout year, 3 credits each semester.
Same as O.S. 101.

104 ELEMENTARY SANSKRIT K. Ch'en
Takakusu
Hours and credits to be arranged.

200 THIRD YEAR CHINESE K. Ch'en
Continuous throughout year, 3 credits each semester.

200B ADVANCED COURSE FOR OCCIDENTAL STUDENTS K. Ch'en
Continuous throughout year, 3 credits each semester.
Same as O.S. 200.

210 INTENSIVE CHINESE READING COURSE Staff
First semester, 6 credits.
This course is designed to prepare graduate and upper-division students in Oriental Studies for the reading examination in an Oriental language, the successful passing of which is prerequisite to admission to candidacy for the Master's degree after August, 1938.

211 CONTINUATION CHINESE READING COURSE Staff
Second semester, 3 credits. Hours to be arranged.
Same as O.S. 210.

221 CHINESE LITERATURE Lee
Continuous throughout year, 2 credits each semester.
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.
Courses of Instruction

241  HISTORY OF ORIENTAL RELIGIONS
     Continuous throughout year, 2 credits each semester. (Not offered in 1938-39)
     A study of the religious movements in the Orient, both ancient and modern. Lectures on
     Confucianism, Taoism, Buddhism, Shinto, Folk Cales, and Christian missions in China and
     Japan.

250-251  CHINESE LITERATURE IN ENGLISH
     Continuous throughout year, 2 credits each semester.
     A survey of Chinese literature in English translation. During the first semester a study
     will be made of selections from the Confucian classics and the poetical works of the great
     thinkers of ancient China and of the Han, Tsin, and T'ang periods. The second semester
     will deal with the outstanding writers and poets of the Sung, Yuan, Ming, and Tsing
     periods. The "New Tide" and other contemporary literary movements will also be analyzed.

254-255  CHINESE PHILOSOPHY AND ART
     Continuous throughout year, 2 credits each semester.
     An examination of the Chinese philosophy of life and the Chinese idea of the relation­
     ship of art to life from the historical point of view. The first semester will be devoted to
     the study of the lives of the noted men and women from whom the Chinese learned their
     philosophy of life and the art of living. The second semester will deal with the artistic
     productions, such as landscape painting and art symbols, which reflect the attitude of the
     Chinese people in religion, ethics, and philosophy.

263  CHINESE AESTHETICS
     First semester, 3 credits.
     Confucian, Taoist, and Buddhist conceptions of beauty; Chinese artists' ideas of nature,
     space, time, etc.; the Golden Mean, Yin Yang, and Zen in Chinese art; basic ideals in Chi­
     nese art; relation of Chinese art to Chinese religion and ethics. This course is treated purely
     from the philosophical point of view.

266  HISTORY AND APPRECIATION OF CHINESE MUSIC
     First semester, 2 credits.

267  HISTORY AND APPRECIATION OF CHINESE DRAMA
     Second semester, 2 credits.

281  CONFUCIAN PHILOSOPHY
     First semester, 3 credits. (Not offered in 1938-39)
     The ethical, social, political, religious, educational, and metaphysical philosophies of Con­
     fucius, Mencius, Chu Hsi, etc.; their influence on various phases of Chinese culture; their
     position in modern China and Japan.

282  TAOIST PHILOSOPHY
     Second semester, 3 credits.
     The naturalistic philosophy of Taoism and the humanistic philosophy of Confucianism are
     the two main currents that run through the entire history and culture of China. This course
     includes a critical study of the metaphysical, moral, political, religious and artistic theories
     of the naturalistic school and its influence on modern life.

283-284  BUDDHIST PHILOSOPHY
     Continuous throughout year, 2 credits each semester.
     A study of the philosophical developments in both Hinayana and Mahayana schools.

291  CHINESE CIVILIZATION
     Continuous throughout year, 2 credits each semester. (Alternate years; not offered 1938-39)
     A lecture course with assigned reference readings. Study of the development of the vari­
     ous Chinese institutions—domestic, social, political, religious, educational, and economic.
METHODS AND BIBLIOGRAPHY IN CHINESE STUDIES  S. Y. Ch'en

First semester, 3 credits.

Designed to familiarize the student with the main fields of Chinese research as they are prosecuted in China and abroad, some of the special methods evolved, and the principal sources of bibliographical information. Open to upper-division and to Graduate Students.

SEMINAR IN CHINESE HISTORICAL LITERATURE  Lee

Hours and credits will be arranged for each individual student.

Open only by permission of the instructor to Graduate and Special Students.

SEMINAR IN CHINESE PHILOSOPHY  Chan

Hours and credits will be arranged for each individual student.

Open to Graduate and Special Students only by permission of the instructor.

SEMINAR IN CHINESE LINGUISTICS  Chao

Hours and credits to be arranged.

Open to qualified students.

SEMINAR IN CHINESE CULTURAL HISTORY  S. Y. Ch'en

Hours and credits will be arranged for each individual student.

Open only by special permission of the instructor to Graduates and Special Students.

Japanese Language, Literature, and History

102  FIRST YEAR JAPANESE  Uyehara

Continuous throughout year, 3 credits each semester.


102B  FIRST YEAR COLLOQUIAL JAPANESE FOR OCCIDENTAL STUDENTS  Carr

Continuous throughout year, 3 credits each semester.

Pronunciation and conversation, using the Romanized spelling. The use of simple words and idiomatic phrases in everyday conversation. Reading and translation of Romanized readers and magazines.

103  SECOND YEAR JAPANESE  Uyehara

Continuous throughout year, 3 credits each semester.


103B  SECOND YEAR COLLOQUIAL JAPANESE FOR OCCIDENTAL STUDENTS  Uyehara

Continuous throughout year, 3 credits each semester.


202  THIRD YEAR JAPANESE  Uyehara

Continuous throughout year, 3 credits each semester.


215  INTENSIVE JAPANESE READING COURSE  Carr, Uyehara

First semester, 6 credits. Hours to be arranged.

This course is designed to prepare Graduates and upper-division students in Oriental Studies for the reading examination in an Oriental language, the successful passing of which is prerequisite to admission to candidacy for the Master's degree after August, 1938.
Courses of Instruction

216 CONTINUATION JAPANESE READING COURSE Carr, Uyehara
Second semester, 3 credits. Hours to be arranged.
Same as O.S. 215.

223 JAPANESE LITERATURE Kunitomo
Continuous throughout year, 2 credits each semester. (Not offered 1938-39)
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.

240 JAPANESE LITERATURE IN ENGLISH Kunitomo
Continuous throughout year, 2 credits each semester. (Not offered 1938-39)

256-257 HISTORY OF JAPANESE CULTURE AND INSTITUTIONS Kimura
Continuous throughout year, 2 credits each semester.
A general survey of cultural history of Japan from ancient times to the Meiji period including the development of institutions, the impact of Chinese civilization, the introduction of Buddhism, the art and literature of Nara, Kyoto, Kamakura, and Yedo periods and the influence of Western civilization.

284 THE INFLUENCE OF BUDDHISM ON JAPAN Takakusu
Hours and credits to be arranged.

301 SEMINAR IN JAPANESE HISTORICAL LITERATURE Kimura
Credits and hours to be arranged.
A course for Graduate Students to do research work in Japanese history and literature.

400 THESIS RESEARCH Staff
Credits to be arranged.
Graduate Students engaged in the preparation of a Master's thesis in Oriental Studies will register for this course.

PHILOSOPHY

150-151 HISTORY OF PHILOSOPHY (Introductory Course) Moore
Continuous throughout year, 3 credits each semester.
A study of Western philosophy from the time of the great Greek thinkers, through the Mediaeval period, down to modern times. First term devoted to study of Greek and Mediaeval periods; second to Modern philosophy. This is the basic course in Philosophy. Prerequisite: Sophomore standing.

200 PHILOSOPHIES OF LIFE Moore
First semester, 3 credits.
(Formerly 290). A study of the several great philosophies of life and typical theories of the nature of the Good Life. Primarily concerned with the ethical views of the West but including also comparative consideration of Eastern philosophies of life. Advised as preliminary course to Philosophy 201.

201 PROBLEMS OF CONDUCT Moore
Second semester, 3 credits.
(Formerly 291). Consideration of the more important practical problems of individual and social life. Among the subjects to be studied are: social and economic justice; political ethics; crime and punishment (and capital punishment); conscience; happiness; patriotism; sex life and the family; etc. Philosophy 200 is a good preparation but not a requirement for this course.
252-253 **PROBLEMS OF PHILOSOPHY** Moore

*Continuous throughout year, 2 credits each semester. (Alternate years)*

An examination of the great and persistent problems of Philosophy, with special reference to contemporary discussion of those problems. Designed as a second course in Philosophy. Open to those who have had one course in Philosophy (preferably 150-151) and to those who obtain permission of the instructor.

260-261 **IDEALISM AS A PHILOSOPHY** Moore

*Continuous throughout year, 2 credits each semester. (Alternate years; not offered 1938-39)*

A study of the essential principles and forms of Idealism, including a study of the reasons for adopting the idealistic attitude. The work will consist largely of reading from the works of Plato and will include much discussion of present-day problems suggested in these Dialogues and the attitude of Idealism towards these problems. The course is also intended as an intensive and extensive study of the philosophy of Plato. A full year course, possibly of seminar type.

270-271 **EASTERN PHILOSOPHIES** Chan

*Continuous throughout year, 3 credits each semester.*

An examination of the basic philosophical movements which have arisen within Eastern cultures. First term devoted to philosophy of India, Persia, and Arabia; second term to philosophy of China and Japan.

280 **LOGIC AND SCIENTIFIC METHOD** Moore

*First semester, 3 credits.*

A study of the valid forms of reasoning together with a consideration of common fallacies; also an examination of the methods, difficulties, and validity of scientific reasoning. An introductory course with emphasis on the practical side of logic. Open to undergraduates and Graduate Students. To be offered only if elected by ten or more students.

300 **READINGS IN PHILOSOPHY** Moore

*Continuous throughout year. Hours and credits to be arranged.*

310 **SEMINAR IN LOGIC** Moore

*Open to Graduate Students only. Hours and credits to be arranged.*

321 **SEMINAR IN COMPARATIVE PHILOSOPHY** Moore, Chan

*Hours and credits to be arranged.*

A comparative study of Eastern and Western philosophy generally and also with reference to specific great systems of East and West. Open to Seniors and Graduate Students. Pre-requisites: Philosophy 150-151 and 270-271.

400 **THESIS RESEARCH** Staff

*Hours and credits to be arranged.*

*Suggested Courses in Other Departments*

**ORIENTAL STUDIES 241 (History of Oriental Religions)** Lee

**ORIENTAL STUDIES 282 (Taoist Philosophy)** Chan

**ORIENTAL STUDIES 283-284 (Buddhist Philosophy)** Takakusu

**POLITICAL SCIENCE 310 (Seminar in History of Political Theory)** George

**RELIGION 259 (Ethics and Religion)** Dunstan

**ORIENTAL STUDIES 263 (Chinese Aesthetics)** Chan

**RELIGION 265 (Philosophy of Religion)** Dunstan

**EDUCATION 340 (Philosophy of Education)** Sayers
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 a 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) Staff
Continuous throughout year, 1 credit each semester.
Required of all first year men. Three hours supervised exercise a week.

101 FRESHMAN COURSE (Women) Gay, Waterman
Continuous throughout year, 1 credit each semester.
Required of all first year women. Three hours supervised exercise a week.

102 SOPHOMORE COURSE (Men) Staff
Continuous throughout year, 1 credit each semester.
Required of all second year men. Three hours supervised exercise a week.

103 SOPHOMORE COURSE (Women) Gay, Waterman
Continuous throughout year, 1 credit each semester.
Required of all second year women. Three hours supervised exercise a week.

105 SWIMMING (Women) Gay
Continuous throughout year, 1 credit each semester.
A. Beginners' section.
Freshmen and Sophomore women who are unable to swim are required to register for this course in place of Physical Education 101 or Physical Education 103. Three hours a week.
B. Advanced section.
Open to all students. Three hours a week.

200 JUNIOR COURSE (Men) Staff
Continuous throughout year, 1 credit each semester.
Optional to all third year men. Three hours a week.

201 JUNIOR COURSE (Women) Gay, Waterman
Continuous throughout year, 1 credit each semester.
Optional to all third year women. Three hours a week.

202 SENIOR COURSE (Men) Staff
Continuous throughout year, 1 credit each semester.
Optional to all fourth year men. Three hours a week.

203 SENIOR COURSE (Women) Gay, Waterman
Continuous throughout year, 1 credit each semester.
Optional to all fourth year women. Three hours a week.

220-221 PHYSICAL AND HEALTH EDUCATION Waterman
Continuous throughout year, 1 credit each semester.
A study and practice of what constitutes a proper physical education and health program for children in elementary schools. Two hours a week.
262 INTRAMURAL ATHLETICS
First semester, 2 credits.
A course in organization, administration and the coaching of intramural athletics for boys in intermediate and secondary schools.

270 WOMEN'S ATHLETICS
First semester, 2 credits.
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.

PHYSICS

102 GENERAL PHYSICS
Continuous throughout year, 4 credits each semester.
This course is regularly taken by pre-medical students, agriculture and sugar technology majors. Prerequisites: Mathematics 149, 151 or the equivalent. Three lectures and one laboratory period a week. Laboratory fee $4 each semester.

150 MECHANICS AND PROPERTIES OF MATTER
First semester, 4 credits.
This is a required course for Sophomores in Engineering. Parallel course: Mathematics 106. Three lectures and one laboratory period a week. Laboratory fee $4.

151 HEAT AND LIGHT
Second semester, 4 credits.
This is a required course for Sophomores in Engineering. Parallel course: Mathematics 106. Three lectures and one laboratory period a week. Laboratory fee $4.

153 ELEMENTARY RADIO
First semester, 3 credits.
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 lectures and one laboratory period a week. Offered in the evening. Prerequisite: high school physics or the equivalent. Laboratory fee $4.

155 ELECTRICAL INSTRUMENTS AND MACHINERY
First semester, 2 credits.
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.

157 RADIO
Second semester, 2 credits.
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 and one laboratory period a week. Offered in the evening. Prerequisite: Physics 153. Laboratory fee $4.

202 ELECTRICAL ENGINEERING
Continuous throughout year, 3 credits each semester.
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. Prerequisite: Physics 250. Two lectures and one laboratory period a week. Laboratory fee $4 each semester.

250 ELECTRICITY AND MAGNETISM
First semester, 3 credits.
This is a required course for Junior students in Engineering. Prerequisites: Physics 150 and Mathematics 106. Two lectures and one laboratory period a week. Laboratory fee $4.
Courses of Instruction

253  ELECTRICAL MEASUREMENTS
     Second semester, 3 credits.
     This is a required course for Junior students in Engineering. The work comprises the study and measurement of the fundamental electric and magnetic quantities. Prerequisites: Physics 250 and Mathematics 106. One lecture and two laboratory periods a week. Laboratory fee $8.

255  LIGHT
     First semester, 3 credits.
     Survey of geometrical and physical optics, and the development of the wave and quantum theories of light. Two lectures and one laboratory period a week. Prerequisite: Physics 102 or the equivalent. Laboratory fee $4.

257  X-RAY
     Second semester, 2 credits. (Alternate years)
     Historical development of the knowledge and theory of X-rays; modern X-ray equipment, technique, and applications; fundamentals underlying physiological treatment. Two lecture-discussion periods a week. Prerequisite: Physics 102 or the equivalent.

261  ADVANCED PHYSICS
     Staff
     Hours and credits to be arranged.
     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.

280  MODERN PHYSICS
     Second semester, 3 credits. (Alternate years)
     Prerequisite: Physics 102 or the equivalent. This is a "second course" in college physics, and is designed for physics and chemistry majors and general science students whose interest is in the physical sciences. It includes such topics as: alternating currents, atomic physics and spectra, X-rays, radio and television, radioactivity, geophysics, and astrophysics. Three lectures a week.

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

263  THEORETICAL MECHANICS
266  SOUND
270  HEAT
275  ADVANCED ELECTRICITY AND MAGNETISM
351  THEORETICAL PHYSICS
353  ADVANCED PHYSICAL OPTICS
355  SPECTROSCOPY
356  THEORY OF SPECTRA
357  KINETIC THEORY OF GASES
358  THERMODYNAMICS
359  ELECTRONICS
360  ATOMIC PHYSICS
375  THEORETICAL ELECTRICITY AND MAGNETISM
POLICE ADMINISTRATION

The following courses are open to students of all colleges:

150 ORGANIZATION
   First semester, 2 credits.  
   Sherretz
   Historical development of police systems; present-day police problems; organization and functioning of the Honolulu police.

152 LAWS OF ARREST AND COURT PROCEDURE
   Second semester, 2 credits.  
   Clarke
   Methods of making arrests with or without warrant. A study of criminal procedure from indictment to acquittal or conviction in the territorial and federal courts.

153 CRIMINAL INVESTIGATION
   First semester, 2 credits.  
   Larsen
   A study of the investigative plan; evidence; identifiable traces; finger prints; proper means of procuring, preserving, and reporting the facts.

155 ELEMENTARY LAW
   First semester, 2 credits.  
   Clarke
   Elementary jurisprudence.

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

254 EVIDENCE
   Second semester, 2 credits.  
   Clarke
   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.

257 CRIMINOLOGY
   Second semester, 2 credits.  
   Sherretz
   (Not offered 1938-39)
   The problem of crime and criminals; extent and cost of crime; the making of the criminal; the machinery of justice; the history of punishment; modern penal institutions with field trips to same.

258 CRIME PREVENTION
   Second semester, 2 credits.  
   Sherretz
   Principal types of attack on the problem, such as the community organization approach, the educational attack, the clinical methods, the police crime prevention activities, and the work of recreational agencies.
Courses of Instruction

POLITICAL SCIENCE

150 AMERICAN GOVERNMENT AND POLITICS George
First semester, 3 credits.
A rapid survey of national and territorial political institutions and problems. Special emphasis on the duties and privileges of citizenship.

151 GOVERNMENTS OF EUROPE AND THE FAR EAST George
Second semester, 3 credits.
A survey of the governmental organization and politics of the states of Europe and of the Far East.

170 INTERNATIONAL RELATIONS AND ORGANIZATION Bachman
(Not offered 1938-39)
The conflicts of nationality, imperialism, international trade, and foreign policy; the development of international organization.

200 PROBLEMS OF THE PACIFIC Bachman
Second semester, 3 credits. (Not offered 1938-39)
A survey of the contemporary political problems, both national and international, of the nations within the Pacific area.

256 AMERICAN POLITICAL PARTIES Hunter
(Not offered 1938-39)
The organization, methods, and principles of American political parties.

258 CONDUCT OF AMERICAN FOREIGN RELATIONS Hunter
First semester, 2 credits. (Not offered 1938-39)
A survey of the American foreign service and international organizations.

261 INTERNATIONAL LAW Bachman
Second semester, 3 credits.
The rules governing the intercourse of states in peace and war. Prerequisite: Political Science 170.

267 PRINCIPLES AND PROBLEMS OF AMERICAN DIPLOMACY Hunter
Second semester, 2 credits. (Not offered 1938-39)
The cardinal principles of American diplomacy and their application; the problems of neutrality, freedom of the seas, non-intervention, Pan-Americanism, the Monroe Doctrine, and international cooperation.

268 INTERNATIONAL RELATIONS OF THE FAR EAST Bachman
First semester, 3 credits.
A survey of the foreign policies of the powers in the Far East.

270 GOVERNMENT OF HAWAII Hunter
Second semester, 2 credits.
Territorial, county, and municipal government, with consideration of the question of statehood for Hawaii.

290 MODERN POLITICAL THOUGHT IN EUROPE Mehnert
(Not offered in 1938-39)
A study of Fascism, National Socialism, Marxist Socialism, and Bolshevism; their practical application in some European states, and their influence on education, institutions, and culture.
301 SEMINAR IN FAR EASTERN INTERNATIONAL RELATIONS
Continuous throughout year, 2 credits each semester. Bachman
Prerequisites: Senior or Graduate standing and at least 15 hours of Political Science including Political Science 200 or 268.

310 SEMINAR IN THE HISTORY OF POLITICAL THEORY George
First semester, 2 credits.
Open to qualified seniors and graduate students.

311 SEMINAR IN THE CLASSICS OF INTERNATIONAL LAW George
Second semester, 2 credits.
Prerequisite: open only to graduate students who have taken Political Science 261 and 310.

400 THESIS RESEARCH
Credits to be arranged.
Graduate students engaged in the preparation of a Master's thesis in Political Science will register for this course.

PSYCHOLOGY

150 GENERAL PSYCHOLOGY Livesay
First semester, 3 credits.
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.

151 APPLIED PSYCHOLOGY Livesay
Second semester, 3 credits.
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.

200 READING OR RESEARCH Staff
Continuous throughout year, credits to be arranged.
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.

252 RACIAL PSYCHOLOGY Porteus
Second semester, 2 credits.
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.

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 Smith
(Described in Teachers College courses.)

280 SOCIAL PSYCHOLOGY Babcock
First semester, 2 credits.
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.
Courses of Instruction

300  READING OR RESEARCH  
**First semester, repeated second semester. Credits to be arranged.**

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.

361  MENTAL DEFICIENCY AND ABNORMALITY  
(Described in Teachers College courses.)

371  EXPERIMENTAL CHILD STUDY  
(Described in Teachers College courses.)

**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.

150  INTRODUCTION TO A STUDY OF RELIGIONS  
**First semester, 3 credits.**

A study of the nature of religion and its relationship to other areas of life and thought. In this a brief analysis is made of the various religious systems as they are related to this basic nature.

151  OUTLINE OF CHRISTIAN THOUGHT  
**Second semester, 3 credits.**

A brief survey of the movements in Christian thinking; the change wrought by Descartes, and the contributions of Schliermacher, Hegel, and Kant.

200  OLD TESTAMENT SURVEY  
**First semester, 2 credits.**

A general survey of the Old Testament from a literary and philosophical point of view, with emphasis upon the practical values of the Old Testament for the life of today.

201  NEW TESTAMENT SURVEY  
**Second semester, 2 credits.**

A general survey of the New Testament from a literary and philosophical point of view, with emphasis upon the practical values of the New Testament for the life of today.

210-211  PERSONALITIES OF CHRISTIAN HISTORY  
**Continuous throughout year, 2 credits each semester.**

The movement of Christian history is marked by the lives and contributions of a number of outstanding persons. The conditions which existed previous to and during their lives are analyzed and their distinctive actions studied somewhat fully.

220-221  FUNDAMENTAL BELIEFS OF THE CHRISTIAN FAITH  
**Continuous throughout year, 2 credits each semester.**

An analysis of the various beliefs of the Christian church with the evidence that is presented to support them.

252  LIFE AND TEACHINGS OF JESUS  
**Second semester, 2 credits.**

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.

*The Hawaii School of Religion, though affiliated with the University, is independently supported and its affairs are managed by its own board of trustees.*
253 THE LIVES AND TEACHINGS OF THE GREAT PROPHETS
First semester, 2 credits.
A study of Elijah, Amos, Hosea, and Jeremiah, setting forth their thinking in light of
their own situation, with the possible meaning they have for today.

254 HISTORICAL DEVELOPMENT OF THE BIBLE
Dunstan
Second semester, 2 credits.
A survey course designed to acquaint the student with the facts which historical, archae-
ological, 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.

259 RELIGION AND ETHICS
Dunstan
Second semester, 2 credits.
Outlines the problems arising from the relationship between ethics and religion. Surveys
the modern thought on this problem.

261 THE PSYCHOLOGY OF RELIGION
Dunstan
First semester, 2 credits.
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.

265 INTRODUCTION TO A COMPARATIVE STUDY OF RELIGIONS
Dunstan
First semester, 2 credits.
Detailed analysis of the general characteristics of all religions, and an outline of the reason
for and development of the distinctions between them. This course will deal with the major
religions and will not be concerned with some of the minor sects of the modern age.

270 THE HISTORY AND PHILOSOPHY OF RELIGIOUS EDUCATION
Dunstan
First semester, 2 credits.
Deals with the part religious organizations have played in the education of the youth.
Interprets the change that has taken place in the philosophy underlying this work.

271 RELIGION IN THE UNITED STATES
Dunstan
Second semester, 2 credits.
Surveys the developments in religious organization and life in our country; the early days,
the effect of the frontier, the rise of the sects, and movements toward unity.

350 MODERN RELIGIOUS THOUGHT
Dunstan
First semester, 2 credits.
Analyzes the position accepted by the major schools of religious thought today; outlines
the ground upon which they rest and the problems they seek to answer. Open to Seniors
and Graduate Students after consultation with the instructor. Some basic course in the his-
tory of thought should be offered as a prerequisite.

351 THE PHILOSOPHY OF RELIGION
Dunstan
Second semester, 2 credits.
Directs the student in facing the major problems in the attempt to construct a philosophy
of religion, leading to an outline of a possible system of thought.

RUSSIAN

100 ELEMENTARY RUSSIAN
Carr
Continuous throughout year, 3 credits each semester.
First semester: A practical phonetic and direct-method introduction of a basic vocabulary
and the most common grammatical forms. Second semester: Reading of Tolstoy's stories in
Harper's Russian Reader in class and reports on rapid reading in the chosen fields of the
individual students, whether literary, scientific, political, or economic.
Courses of Instruction

101 INTERMEDIATE RUSSIAN  
Continuous throughout year, 3 credits each semester.

Extensive reading of a type to be determined after consultation with the students interested in the course.

SOCIAL WORK TRAINING

200 INTRODUCTION TO SOCIAL WORK  
Continuous throughout year, 3 credits each semester.

The purpose of this course is to introduce the student to the basic philosophy of social work; to study the historical development and present trends in each of the specialized fields such as family care, children's agencies and institutions, medical social work, the courts, the schools, and other community groups concerned with the care and treatment of individuals and families. There is an application of these general principles to local resources, together with field trips to the various community institutions and agencies. Prerequisite: Senior standing.

300 THEORY OF SOCIAL CASE WORK  
Continuous throughout year, 3 credits each semester.

An introductory course including the principles of social case work and their application. On the basis of social case work records provided by the instructor or contributed from the student's own experience, the class studies the needs and problems which bring individuals to agencies for help, and analyzes the attitudes and activities of the social worker in dealing with these problems. Students enrolled in this course are expected to participate in field practice in a local agency. Prerequisite: consent of the instructor.

302 METHODS IN SOCIAL CASE WORK  
Continuous throughout year, 3 credits each semester.

This is a continuation of course 300 and deals with the more advanced techniques of social case work practice. Through discussion and evaluation of case work situations, the course is designed to increase the student's skill in case work and in the understanding of personality problems. Field work practice is required of the students who are enrolled in this course. Prerequisite: course 300 or consent of the instructor.

SOCIOLOGY

In addition to the following courses, students in Sociology are referred to Social Work Training 200 and to Education 294 (Educational Sociology), which receive credit toward a Sociology major.

150-151 INTRODUCTION TO THE STUDY OF MAN  
(Description listed with Anthropology courses.)

252 THE COMMUNITY  
Second semester, 3 credits. (Not offered 1938-39)

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.

253 RURAL SOCIOLOGY  
Second semester, 3 credits.

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.

255 SOCIAL PATHOLOGY  
First semester, 3 credits.

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.
# University of Hawaii

## 256 Race Relations in Hawaii

**First semester, 3 credits.**

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.

Lind

## 267 The Family

**First semester, 3 credits. (Not offered 1938-39)**

A comparative study of the Occidental and Oriental family. The family as a social institution. Mating and marriage. The structure and functions of the family. The romantic complex and family disorganization. Family tensions and divorce. The future of the family. Prerequisite: Anthropology and Sociology 150-151, or Sociology 150-151 (up to 1936-37).

Lind

## 268 Human Migrations

**First semester, 3 credits. (Not offered 1938-39)**

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: Anthropology and Sociology 150-151, Sociology 150-151 (up to 1936-37).

Lind

## 269 Personality and Culture

**Second semester, 3 credits. (Not offered 1938-39)**

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 through ethnological, autobiographical and clinical materials. Prerequisite: Anthropology and Sociology 150-151, or Sociology 150-151 (up to 1936-37).

Lind

## 270 Population and Society

**First semester, 3 credits.**


Lind

## 272 Collective Behavior

**Second semester, 3 credits.**


Blumer

## 274 Social Change

**Second semester, 3 credits. (Not offered 1938-39)**

The major factors affecting change in social institutions. The role of invention and science in relation to social change. Recent trends in institutions such as the family, the church, and the school. Social forecasting. Prerequisite: Anthropology and Sociology 150-151, or Sociology 150-151 (up to 1936-37).

Staff

## 276 Principles of Sociology

**Second semester, 3 credits.**

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 the instructor.

Blumer

## 277 Methods of Social Research

**Second semester, 2 credits.**

An analysis of the logical problems of social investigation, with special consideration of the various techniques which are used in current sociological research.

Blumer

## 290 Independent Study and Honors

**Hours and credits to be arranged.**

Registration by permission only.

Staff
Courses of Instruction

300 ADVANCED READING IN SOCIOLOGY
Credit to be arranged.

350-351 SEMINAR IN SOCIOLOGY
Continuous throughout year, 2 credits each semester.

400 THESIS RESEARCH IN SOCIOLOGY
Total of 6 credits for thesis work.

SPANISH

100 ELEMENTARY COURSE
Continuous throughout year, 3 credits each semester.

101 MODERN SPANISH LITERATURE
Continuous throughout year, 3 credits each semester.

102 PHONETICS
Continuous throughout year, 1 credit each semester. (Not offered 1938-39)

250 SPANISH CLASSICS
First semester, 2 credits. (Not offered 1938-39)

251 ADVANCED SPANISH SEMINAR
Second semester, 2 credits. (Not offered 1938-39)

252 MODERN SPANISH NOVEL
First semester, 2 credits.

253 MODERN SPANISH DRAMA
Second semester, 2 credits.
University of Hawaii

SUGAR TECHNOLOGY

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

201 SUGAR ANALYSIS

Continuous throughout year, 3 credits each semester.

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 polarscope 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 a semester.

250 SUGAR-HOUSE CALCULATIONS

First semester, 1 credit.

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: Sugar Technology 201 and 253. Seniors in Sugar Technology.

252 SUGAR MANUFACTURE

First semester, 3 credits.

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: Sugar Technology 201. Three hours a week.

253 SUMMER PRACTICE

6 credits.

Dillingham, McAllep

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: Sugar Technology 201.

255 FIELD PRACTICE

Second semester, 16 credits.

McAllep

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. 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

Second semester, 3 credits.

McAllep

Calculations and lectures on quantitative heat 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: Sugar Technology 201.
Courses of Instruction

257 FACTORY PRACTICE  McAllep

Second semester, 16 credits.

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. 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  Palmer

Continuous throughout year, 3 credits each semester.

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. Three lectures a week. Library fee $1 a semester.

251 HISTORY OF SCIENCE  St. John

Second semester, 2 credits.

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. Two lectures a week. Library fee $2.

ZOOLOGY

The courses in Zoology are intended to meet the needs of the general student, the prospective teacher, those preparing for the study of medicine, and the Graduate Student.

A biological laboratory at Waikiki provides an excellent opportunity for the pursuit of marine biological studies. Special investigators will be offered every possible facility for research.

Students expecting to continue in graduate work in Zoology should include in their undergraduate course, Zoology 150, 151, 260, 261, and 270, or their equivalents, and also fundamental courses in Chemistry, Physics, and Botany.

Undergraduate students majoring in Entomology are required to take the following courses: Zoology 150, 151, 170, 173, 260, 262, 291, and Agriculture 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 General Botany or their equivalents before they will be admitted to candidacy for advanced degrees.

150 GENERAL ZOOLOGY  Staff

First semester, 4 credits.

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.

151 COMPARATIVE ANATOMY OF VERTEBRATES  Staff

Second semester, 4 credits.

A continuation of course 150, including a comparative study of 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.
160-161 MAMMALIAN ANATOMY  
Ostergaard  
*Continuous throughout year, 2 credits each semester.*  
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 a semester.

170 GENERAL ENTOMOLOGY  
Holdaway  
*First semester, 3 credits.*  
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. Prerequisite: Biology 155 or Zoology 150 or Botany 101. Both Zoology and Botany strongly recommended. Two lectures and one laboratory period a week. Laboratory fee $2.

173 AGRICULTURAL ENTOMOLOGY  
Holdaway  
*Second semester, 3 credits.*  
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. Attention is given to chemical, cultural, and biological control. Prerequisite: Zoology 170*. Two lectures and one laboratory period a week. Laboratory fee $2.

174 INSECTS AFFECTING THE HEALTH OF MAN AND DOMESTIC ANIMALS  
Alicata  
*First semester, 2 credits.*  
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: Zoology 170, or consent of instructor*. Two lectures a week.

180-181 ANIMAL ECOLOGY  
Edmondson  
*Continuous throughout year, 3 credits each semester.*  
A course in which the relation of organisms to their environment is emphasized. Prerequisites: Zoology 150 and 151 or Biology 155 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 per semester.

210 ZOOLOGICAL SEMINAR  
Staff  
*Continuous throughout year, 1 credit each semester.*  
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 a week.

251 CELLULAR BIOLOGY  
Hamre  
*Second semester, 2 credits.*  
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 Juniors and Seniors.

253 PARASITOLOGY  
Alicata  
*Second semester, 3 credits.*  
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 a week. Laboratory fee $4.

* These prerequisites will operate for all students entering as freshmen on or after September, 1937.
Courses of Instruction

254 INSECT MORPHOLOGY
First semester, 2 credits.

Holdaway

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 structures in the various groups of insects. Prerequisite: Zoology 170. Two laboratory periods a week. Laboratory fee $2.

255 SYSTEMATIC ENTOMOLOGY
Second semester, 2 credits.

Holdaway

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.

257 PLANT QUARANTINE AND INSPECTION
Second semester, 3 credits.

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; Zoology 173 recommended. One lecture and two laboratory periods a week.

260 HISTOLOGY
First semester, 3 credits.

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.

261 VERTEBRATE EMBRYOLOGY
Second semester, 3 credits.

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.

262 MICROTECHNIQUE
First semester, 2 credits.

Hamre

A laboratory course involving the fixing, staining, and mounting of animal tissues. Prerequisite: Zoology 260. Two laboratory periods a week. Laboratory fee $8.

270 SYSTEMATIC ZOOLOGY
Continuous throughout year. Hours and credits to be arranged.

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. Prerequisites: Two years of zoological work. Laboratory fee $2 each semester.

PRINCIPLES OF GENETICS
First semester, 3 credits.

Miller

This course is given as Agriculture 254.

285 EVOLUTION AND EUGENICS
Second semester, 2 credits.

Miller

A consideration of the doctrine of organic evolution, its historical and recent development, supporting evidence, theories, and applications. Human genetics and evolution and their social impact. Two lectures a week. Prerequisite: Agriculture 254 or its equivalent.

290 GENERAL ANATOMY
First semester, 3 credits.

Ostergaard

For dental hygiene students only. A general survey of the human gross anatomy; the framework of the body; essential features in the anatomy of the soft parts of the head and neck and of the central nervous system.
291 PHYSIOLOGY

Second semester, 3 credits.

A course in physiology for the general student as well as for 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.

300 RESEARCH

Hours and credits to be arranged.

Students with sufficient preparation are encouraged to undertake the investigation of special problems in the general field of zoology.

301 PRINCIPLES OF APPLIED ENTOMOLOGY

Continuous throughout year, 3 credits each semester. Hours to be arranged. (Not offered 1938-39)

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. The point of view is ecological, while the subject matter is treated from the aspects of insect abundance and host susceptibility. Prerequisites: Zoology 254-255 or consent of instructor; Zoology 173 recommended. Three lectures a week.

400 THESIS RESEARCH

Credits to be arranged.

Students engaged in the preparation of the Master's thesis will register for this course.

* For additional advanced courses in Entomology see courses listed in the Graduate School of Tropical Agriculture.
Teachers College

Certain required and elective courses are not included among the following descriptions because 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 Teachers College.

AGRICULTURE

270 Farm Practice

Continuous throughout year, 2 credits each semester.

This course includes farm practices in agronomy, dairy, horticulture, poultry, and swine. The respective departments of the University cooperate in conducting the course. The students participate in the actual doing of such jobs as laying out fields, planting, propagating, irrigating, fertilizing, harvesting, castrating, milking, bottling, controlling diseases and pests, culling, caponizing, mixing feeds, etc. Six hours of laboratory work a week, the hours to be arranged. Required of and open only to Fifth Year Students preparing to teach vocational agriculture.

ART

261 Creative Art for the Primary Years

Second semester, 2 credits.

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. Limited to 30 students. Laboratory fee $1.

262 Creative Art for the Upper Elementary Years

First semester, 2 credits.

A course similar to the one above, with emphasis upon work of upper elementary years. Limited to 30 students. Laboratory fee $1.

263 Creative Art for the Secondary School Years

Continuous throughout year, 2 credits each semester.

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. Limited to 30 students. Laboratory fee $1 each semester.

BIOLOGY

135 Biology

Continuous throughout year, 2 credits each semester.

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. Laboratory fee $1 each semester.

153
236 SCIENCE FOR THE ELEMENTARY SCHOOL

First semester, 2 credits; repeated second semester.

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. Prerequisite: Biology 135 or its equivalent. (Not open to students who have had Nature Study 136 or 160-161.) Laboratory fee $1.

240 BIOLOGY

Continuous throughout year, 4 credits each semester.

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. Laboratory fee $1.

DENTAL HYGIENE

200 TOOTH MORPHOLOGY

Continuous throughout year, 1 credit each semester.

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.

235 DENTAL OPERATIVE TECHNIQUE

Continuous throughout year, 1 to 3 credits each semester.

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.

251 DENTAL ANATOMY

Second semester, 3 credits.

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.

252 DENTAL PROPHYLAXIS

Second semester, 1 credit.

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 tissue degeneration. The toothbrush, its selection, sterilization, and use are also considered.

254 CLINICAL PRACTICE

Second semester, 8 credits.

This course consists of 9 weeks of concentrated clinical prophylactic practice under supervision.

256 DENTAL CARIES

First semester, 2 credits.

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.

258 DENTAL HISTOLOGY

First semester, 1 credit.

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.
Courses of Instruction

260 ORAL PATHOLOGY
First semester, 1 credit.

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 systemic involvement—pyorrhea, gingivitis; diagnosis, causes, and prognosis.

262 MATERIA MEDICA
First semester, 2 credits.

A study of the derivation and effects of the drugs most commonly used in dentistry. A general discussion of the relative values of germicides, antiseptics, and disinfectants; analysis of the formulae of dentifrices and mouth washes.

264 MALOCCLUSION AND RADIOGRAPHY
First semester, 3 credits.

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.

290 FIELD PROBLEMS
Second semester, 1 credit.

A consideration of the varied types of problems met by the dental hygienist in field practice: problems of adjustment to schools, principals, and teachers; community relationships, travel, living accommodations, and professional ethics.

EDUCATION

BASIC COURSES

100-101 ORIENTATION TO EDUCATION
Continuous throughout year, 3 credits each semester.

An introductory course intended to orient the student in both the personal and professional aspects of education. During the first semester attention will center on personal problems such as study habits, mental hygiene, etc., while in the second semester the various fields of education will be studied.

135 PARTICIPATION TEACHING
Continuous throughout year, 1 credit each semester.

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 Education 180-181.

180-181 INTRODUCTION TO EDUCATIONAL PSYCHOLOGY
Continuous throughout year, 3 credits each semester.

An introductory study of human behavior, with special reference to its control and modification. The neural basis of behavior, the controls and modification of behavior, growth and maturation, individual differences, the nature and improvement of learning, and other allied topics will be considered.

ADVANCED COURSES

219 ADULT EDUCATION—THE ART OF DISCUSSION
First semester, 2 credits.

A practice course in the techniques of the conference method as an educational skill. Emphasis will be given to the public forum, the panel, the committee conference, and the informal group discussion. Members of the class will become leaders and participate in demonstration groups.
235 PARTICIPATION TEACHING  
Gordon  
*Continuous throughout year, 1 credit each semester*

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.

237 DIRECTED LEARNING  
Bryan  
*First semester, 2 credits; repeated second semester.*

Examination of the literature in directing study and learning. The philosophical and scientific bases upon which issues in the field of methodology are predicated. Formulation of units of work and discussion of various methods for stimulating and guiding pupils at work.

250-251 SECONDARY EDUCATION  
Bryan, White  
*Continuous throughout year, 3 credits each semester.*

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, planning units of work, teaching techniques, and values of the various secondary school subjects are some of the major topics considered.

253 PRACTICE TEACHING IN HOME ECONOMICS  
First semester, 4-8 credits; repeated second semester.  
Practicing 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: Home Economics 251.

254 PRACTICE TEACHING  
Caro, Staff  
*First semester, 8 credits; repeated second semester.*  
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 full time teaching.

259 CHILD PSYCHOLOGY  
Smith  
*First semester, 2 credits.*

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. Prerequisite: Psychology 150 or Education 180.

260 STATISTICAL METHOD  
Hoy  
*First semester, 2 credits.*

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.

261 EDUCATIONAL MEASUREMENTS  
Smith  
*First semester, 2 credits; repeated second semester.*

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.

267 PSYCHOLOGY AND TREATMENT OF EXCEPTIONAL CHILDREN  
Smith  
*Second semester, 2 credits.*

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 methods desirable in work with such children. Prerequisite: Psychology 150 or Education 180.
Courses of Instruction

268 MENTAL HYGIENE

First semester, 2 credits; repeated second semester.

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.

270 AGRICULTURAL PROJECT WORK

Second semester, 3 credits.

A study of the project as an educational device in agriculture; selecting home projects; correlating project work with classroom instruction; making project plans; project records and accounts; project summaries and reports. Each student will be expected to spend time in checking over records of successful projects.

271 PRINCIPLES OF VOCATIONAL EDUCATION

Second semester, 3 credits.

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.

272 TEACHING AGRICULTURAL RELATED SUBJECTS

First semester, 3 credits.

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.

274 METHODS OF TEACHING VOCATIONAL AGRICULTURE

First semester, 3 credits.

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.

275 PRACTICE TEACHING IN VOCATIONAL AGRICULTURE

Second semester, 3 credits.

Practice teaching in a department of vocational agriculture. Designed for students who are fairly familiar with Hawaii's major crops.

285-286 ELEMENTARY EDUCATION

Continuous throughout year, 3 credits each semester.

A study of the various aspects of elementary education, such as purpose, the curriculum unit, scope and organization of the curriculum, mental hygiene, character development, classroom organization, evaluation, and administration. The attempt is to identify the problems that arise in the form of controversial views and contrasting practices and to come to reasoned working conclusions regarding these issues. The approach to the study of elementary education is "organic," as contrasted with a separate study of each phase. A whole and consistent view is sought.

291 ADULT EDUCATION—AIMS AND PRINCIPLES

Second semester, 2 credits.

A study of the movement, its significance for the times, and the problems of administration it raises. 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.

292 ADOLESCENT LEADERSHIP, PROGRAMS, AND METHODS

First semester, 2 credits.

A brief but careful summary of each of the principal programs for boys and girls in this Territory. A study of the theory of program building based on group needs, with the leader helping the group discover and carry out its own objectives and purposes. Principles of leadership and methods of program evaluation.
293 COMPARATIVE EDUCATION  Gordon
First semester, 2 credits; repeated second semester.
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.

294 EDUCATIONAL SOCIOLOGY  Scott
First semester, 2 credits.
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 develop.

295 HISTORY OF EDUCATION IN THE UNITED STATES  Gordon
First semester, 2 credits; repeated second semester.
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.

296 HISTORY OF EDUCATION IN HAWAII  Wist
First semester, 2 credits.
A review of the socio-economic influences which brought about an American public school system in Hawaii preceding annexation.

297 HAWAIIAN EDUCATIONAL HISTORY IN MODERN TIMES  Wist
Second semester, 2 credits.
The historical events of the present century which have influenced education in Hawaii will be traced: industrial development and immigration; the Organic Act and educational legislation; secondary education, teacher training, and higher education.

GRADUATE COURSES

300 READING OR RESEARCH  Staff
First semester, 1 to 3 credits; repeated second semester.
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. Credits depend upon the nature of the work.

340 PHILOSOPHY OF EDUCATION  Sayers
First semester, 4 credits; repeated second semester.
A re-examination of certain basic philosophical questions, the answers to which constitute the viewpoints which guide in the solution of problems of policy. Philosophy and science in education, the democratic social tradition, basic views of human behavior, the improvement of life, education as "reconstruction of experience," reconstruction of education. Required of all Fifth Year Students. Others register by permission of the instructor.

345 SEMINAR IN PHILOSOPHY OF EDUCATION  Sayers
Continuous throughout year, 2 credits each semester.
Advanced study of controversial problems in education. Open to a limited number of Graduate Students who have made some study of philosophy of education. (Enrollment more than two semesters by permission of the instructor).

350 HISTORY OF EDUCATION  Tanner
First semester, 4 credits; repeated second semester.
A survey of the development of educational thought and practice from the time of the Greeks down to the present, with special attention to the origins of the influences responsible for the modern school systems. Required of all Fifth Year Students. Others register by permission of the instructor.
Courses of Instruction

351 ADVANCED EDUCATIONAL PSYCHOLOGY
   Livesay, White
   First semester, 2 credits; repeated second semester.
   The application of experimental evidence in the field of psychology to the major educational problems. Attention given to the bearing of recent psychological theories upon education.

354 PROBATIONARY TEACHING
   Cook, Livesay, Sayers, Wist
   First semester, 14 credits; repeated second semester.
   This course consists of full-time teaching under supervision in selected public schools. Required of all Fifth Year Students.

361 MENTAL DEFICIENCY AND ABNORMALITY
   Smith
   First semester, 2 credits.
   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 by permission of the instructor.

363 EDUCATIONAL ADMINISTRATION
   Wist
   Second semester, 2 credits.
   This course is designed for administrators 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 by permission of the instructor.

364 THE COMMUNITY AND PUBLIC SCHOOL ADMINISTRATION
   Scott
   First semester, 2 credits; repeated second semester.
   A seminar for the consideration of the place of the school in community life with emphasis upon the leadership of the public school administrator. Registration by permission of the instructor.

371 EXPERIMENTAL CHILD STUDY
   Smith
   First semester, 2 or 3 credits; repeated second semester.
   This course offers to qualified students an opportunity to do experimentation in the field of child psychology. Credits depend upon the amount of work done. Registration by permission of the instructor.

376 SEMINAR IN VOCATIONAL EDUCATION
   Armstrong
   First semester, 2 credits; repeated second semester.
   Individual study of special problems in vocational education. Open only to Fifth Year and Graduate Students.

380 RESEARCH AND THESIS WRITING
   Tanner
   First semester, 2 credits.
   This course is designed to assist graduate students in thesis preparation and deals principally with research techniques and thesis development. Registration by permission of the instructor.

390 SCHOOL ORGANIZATION AND MANAGEMENT
   Wist
   First semester, 2 credits; repeated second semester.
   A study of the organization of public education in Hawaii, and of the many routine problems of school administration of special concern to teachers. Required of all Fifth Year Students. Others register by permission of the instructor.

395 SEMINAR FOR PROBATIONARY TEACHERS
   Staff
   First semester, 2 credits; repeated second semester.
   A required course for Fifth Year probationary student teachers dealing with problems of classroom procedure. Organized in sections for elementary and secondary fields.
400 Thesis Research
Credit to be arranged.
Graduate Students engaged in the preparation of a Master's thesis in education register for this course.

ENGLISH

152 Introduction to Literature
Bryan, Coale
Continuous throughout year, 3 credits each semester.
A study of selected types of literature, intended as background for prospective teachers. The course aims to promote attainment in critical standards and personal appreciation in knowledge of resources for reading, and in acquaintance with life as seen through literature. Special practice is given in correlated types of expression which are of importance in their relation to teaching.

290-291 English in the Elementary School
Bryan, Coale
Continuous throughout year, 3 credits each semester.
A study of problems in the teaching of English in grades one to six. During the first semester the course deals with reading and with creative phases of expression. The second semester covers a study of problems of usage and of speech, especially as they are found in Hawaii.

292-293 English in the Secondary School
Coale
Continuous throughout year, 3 credits each semester. (292 not offered in 1938-39)
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.

294-295 Literature for the Elementary School
First semester, 1 credit; repeated second semester. (Not offered 1938-39)
A survey of literature suitable for children in grades one to six. Emphasis during the first semester is placed upon materials for the primary years, and during the second semester upon materials for the upper elementary years.

GEOGRAPHY

261 Occupational Geography
Jones
First semester, 3 credits; repeated second semester.
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.

262 Hawaiian Geography
First semester, 2 credits.
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.

263 Geography of Pacific Islands
Second semester, 2 credits.
The human and economic geography of Polynesia (except Hawaii), Melanesia, Micronesia, and the Philippines.
LIBRARY SCIENCE

200 SEMINAR IN LIBRARY METHODS Geiser
   First semester, 1 to 2 credits; repeated second semester. Hours and credits to be arranged.
   By permission of instructor.

260 LIBRARY OBSERVATION AND PARTICIPATION Geiser
   First semester, 2 credits; repeated second semester.
   A course designed as an orientation to library routine and to help the student to determine his aptitude for library work.

262 ORGANIZATION AND ADMINISTRATION OF SCHOOL LIBRARIES Geiser
   Continuous throughout year, 2 credits each semester.
   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.

264 SCHOOL LIBRARY PRACTICE Geiser
   First semester, 2 to 4 credits; repeated second semester.
   Students are assigned as assistants to school librarians in the public schools, thus providing students an opportunity to participate in the actual work of the school library.

268 CATALOGUING AND CLASSIFICATION Geiser
   First semester, 2 credits.
   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.

280 BOOK SELECTION Geiser
   Second semester, 2 credits.
   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.

MUSIC*

152-153 FUNDAMENTALS OF MUSIC Kahananui
   Continuous throughout year, 1 credit each semester.
   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.

250 MUSIC FOR THE KINDERGARTEN-PRIMARY YEARS Kahananui
   First semester, 2 credits.
   A study of music materials for the kindergarten-primary years through which sensitivity 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. Prerequisite or parallel: Music 152-153.

* Class instruction in piano, without credit, may be obtained at the rate of $7.50 per semester. The instruction will include the fundamentals of piano playing, harmonization of simple melodies, and transposition, and is designed to meet the needs of teachers who use the piano in classroom work.
University of Hawaii

251 Music for the Intermediate and Upper Elementary Years

Second semester, 2 credits.

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 subjects in the curriculum with a view to developing an understanding of music as education. Prerequisite or parallel: Music 152-153. Four meetings a week.

252 Music in the Secondary School

Second semester, 2 credits.

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 concomitant outcomes of the music program. Prerequisite or parallel: Music 152-153.

261 Music History to the Classical Period

Second semester, 2 credits.

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.

262 Classicism and Romanticism in Music

First semester, 2 credits.

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.

263 Twentieth Century Music (Rhythmic-Atonal Age)

Second semester, 2 credits.

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 as related to innovations of modern composers will be made.

264 Choral Conducting

First semester, 1 credit.

A course designed to give students practice in leading vocal groups, such as girl reserve and girl scout groups, school assemblies, and elementary choral groups. Attention will be given to the classification of voices and setting arrangements for part singing. The use of the baton, the technique of conducting time, legitimate departure from the fundamental beat, and other fundamentals will be discussed and practiced.

265 Conducting Instrumental Groups

Second semester, 1 credit.

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.

266 Band

First semester, 2 credits; repeated second semester.

A study of standard overtures, light concert, and military band music. Concentra will be given and music provided for military, athletic, and other campus functions. Four hours a week.

267 Concert Orchestra

First semester, 2 credits; repeated second semester.

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.
Courses of Instruction

268 Band and Orchestra Methods
First semester, 2 credits.

Hancey

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 each semester. This course will also familiarize the prospective band or orchestra teacher with instructional material suitable for elementary bands and orchestras. This course will also provide opportunity for observation in methods of teaching and conducting elementary instrumental groups.

269 Problems of the Instrumental Music Teacher
Continuous throughout year, 2 credits each semester.

Hancey

A discussion of the problems of the instrumental music teacher in organizing, teaching, and developing bands and orchestras in the elementary and secondary grades. Two hours a week.

Physical and Health Education

135 Hygiene
Continuous throughout year, 1 credit each semester.

Bennett

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, and the physical development of children.

220-221 Physical and Health Education in the Elementary School
Continuous throughout year, 2 credits each semester.

Waterman

This course deals with the classroom teacher’s responsibilities and opportunities in health and physical education at the elementary school level. Practice will be given in suitable games and dances. Three hours a week.

224-225 Physical and Health Education in the Secondary School
Continuous throughout year, 2 credits each semester.

Bennett

A course designed for prospective teachers of health and physical education in the secondary school, with theory and practice of suitable activities for children of adolescent age.

350 Communicable Disease
First semester, 2 credits.

Phillips

A course considering the acute contagious diseases, symptoms, and manifestations.

352 Principles of Public Health
Second semester, 2 credits.

Rhea

A course designed to familiarize the student with problems of public health, with stress on sanitation and work of federal and local health agencies.

356 Public School Health
First semester, 3 credits.

Rhea

A study of the health problems of the elementary and secondary school child. Child hygiene relative to general school problems, organization and development of health education programs; the underlying principles of communicable disease control; nutrition, dental hygiene, and tuberculosis control.

Practical Arts

270 School and Home Gardening
First semester, 1 credit; repeated second semester.

Armstrong

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.
SCOUTING

240  Boy Scout Training Course  Forbes
Second semester, 2 credits.
A study of Scout methods and materials. The student will be introduced to scouting and all that it embraces: the Cub Division, Boy Scouting, and the Senior Divisions, including Sea Scouting and Rovering. A certificate issued by the Boy Scouts of America will be awarded to those who complete the course. Limited to men eighteen years of age and over.

283  Girl Scout Training Course  Reese
Second semester, 2 credits.
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.

SOCIAL SCIENCE

251  Social Science in the Secondary School  Gordon
Second semester, 2 credits.
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.

271  Social Science Materials for Children  Gordon
First semester, 1 credit; repeated second semester.
An attempt to develop an acquaintance with types and sources of social science materials suitable for use of pupils in the middle and upper elementary years.

290  Traffic Safety Training  Clarke
Continuous throughout year, 2 credits each semester.
This course is planned to meet the increasing demand for teachers trained in the fundamental principles of traffic safety.
Graduate School of Tropical Agriculture

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 to class work.

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

First semester, 1 credit.

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.

304 RESEARCH IN PLANT PATHOLOGY Linford

Continuous throughout year. Hours and credits to be arranged.

Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor.

Plant Physiology

350 RESEARCH IN PLANT PHYSIOLOGY Staff

Continuous throughout year. Hours and credits to be arranged.

Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor.

351 PLANT PHYSIOLOGY SEMINAR Clements

Second semester, 1 credit.

Topics of particular interest to this group will be discussed. This course may be repeated several times.

400 THESIS RESEARCH Staff

Credit to be arranged.

Graduate students engaged in the preparation of a thesis in plant physiology will register for this course.

CHEMISTRY

302 RESEARCH IN CHEMISTRY L. N. Bilger

Hours and credits to be arranged.

Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor.

* The attention of students is called to courses listed in the regular University Catalog which carry credits, including the following seminars:

Botany 210. Botanical Seminar
Zoology 210. Zoology Seminar
1 credit each semester
310 **SEMINAR IN CHEMISTRY**
L. N. Bilger

Continuous throughout year, 1 credit each semester.

Recent advances in physico-chemical, organo-chemical, and analytical problems in biological fields, including chemical composition of biological substances; radiation and chemical change, chemical constitution and biological properties, asymmetric molecular structures, potentiometric measurements, and micro-spectro- and X-ray methods of analysis. Prerequisite: 1 year of Physical Chemistry.

320 **THEORETICAL ORGANIC CHEMISTRY**
L. N. Bilger

Continuous throughout year, 2 credits each semester.

A study of the theories of organic chemistry with emphasis upon mechanism of reactions, types of isomerism, asymmetric structures, relations between constitution and properties, and physico-chemical principles. Primarily for Graduates, open to Seniors. Prerequisites: Chemistry 101 or 102, 150, 152, 153, 230. Prerequisites or parallel: Chemistry 211, 212.

**ENTOMOLOGY**

302 **RESEARCH IN ENTOMOLOGY**
Chapman, Carter

Hours and credits to be arranged.

Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor.

350 **INSECT ECOLOGY**
Chapman

First semester, 2 credits.

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 population. Discussions and assigned readings. Experimental work to be arranged by the students individually.

355 **INSECT TRANSMITTED DISEASES OF PLANTS**
Carter

Continuous throughout year. Hours and credits to be arranged.

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.

400 **THESIS RESEARCH**
Staff

Credit to be arranged.

Graduate Students engaged in the preparation of a thesis in Entomology will register for this course.

**GENETICS**

300 **SEMINAR IN GENETICS**
Collins

Continuous throughout year, 2 credits each semester.

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.

302 **RESEARCH IN GENETICS**
Collins

Hours and credits to be arranged.

Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor.

400 **THESIS RESEARCH**
Staff

Credit to be arranged.

Graduate Students engaged in the preparation of a thesis in Genetics will register for this course.
SOIL SCIENCE

302 Research in Soil Bacteriology, Soil Chemistry, or Soil Physics

Allen, Wadsworth

Hours and credits to be arranged.
Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor.

350 The Nitrogen Cycle

Allen

First semester, 1 credit.
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 current literature.

351 Soil Physics and the Relation of Soil Moisture to Plant Growth

Wadsworth

Second semester, 1 credit.
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.

352 Bacterial Decomposition

Allen

First semester, 1 credit.
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.

400 Thesis Research

Staff

Credit to be arranged.
Graduate Students engaged in the preparation of a thesis in Soil Science will register for this course.
Holdens of University Scholarships

ALONZO GARTLEY
Russell Quaintance
Robert Warren

ASSOCIATED WOMEN STUDENTS
Marie Buffins
Jane Christman
Mitsie Hamada

CHINESE COMMUNITY
Pearl Choy
Susan Lau
Violet Lau
Mun Charn Wong
Sau Hoy Wong

CHINESE STUDENTS' ALLIANCE
Ernell Chuck
Sing Chan Chun
Evelyn Sunn

CHINESE WOMEN’S CLUB
Phyllis Wong
Gladys Yuen

HAKUBA KAI
Asakuma Goto
William Hirakos

HAWAIIAN GIRLS’ CLUB, Y.M.C.A.
Ella Wittrock

HAWAIIAN JAPANESE CIVIC ASSOCIATION
Bert Nishimura
Kimi Takeuchi

HYUNG JAY CLUB
Agnes Inn
Rachelle Shon

LEORA PARMELEE DEAN
Bernice S. L. Young

MARY DILLINGHAM FREAR
Iwalani Smith

POH SONG WHE
Marian Lyu

PRINCE FUSHIMI
Gregory Ikeda
James Kawano
Katsuo Miho
Hitoshi Sakai
Michio Takaki

RUTH SCUDDER
Sau Chun Wong

STEPHEN SPAULDING
Douglas Yamamura

TERRITORIAL
Kongo Kimura
Tatsuo Nonaka
Stanley Saiki
Masami Tahira
William Tom
Kai Fong Wong

WAKABA KAI
Florence Nakagawa

WOMEN’S LEAGUE OF CENTRAL UNION CHURCH
Bernice K. Chang
Unoyo Kojima
Itsuko Okano
Grace Richardson
Lily Utsumi

YANG CHUNG HUI
Etta Ho
Juanita Lum-King
Graduate Fellowships and Scholarships

Margaret Bairos—English
Paul Baldwin—Education
Albert H. Banner—Zoology
Arthur Beach—Physics
Margaret Cass—English
Robert Catto—Botany
Cleo Caudell—Anthropology and Sociology
Bruce Cooil—Botany
Richard Gard—Oriental Philosophy
Paul L. Guest—Agriculture
Sunao Idehara—Geography
Yoshimasa Ishihara—Chemistry
Brunhilde Kaufer—Anthropology and Sociology
Richard Liebes—Economics
Clarence Lyman—Agriculture
Leonard Machlis—Botany
Gordon B. Mainland—Zoology
Martin Nelson—Physics
Shigeo Okubo—Physics
Ralph Reid—Political Science
Thomas Shaw—Chemistry
R. J. Wentworth-Rohr—Education
University of Hawaii

Degrees Conferred
1937

HONORARY DEGREES

Doctor of Laws

ALEXANDER MEIKLEJOHN—For conspicuous service in blazing new trails in education.

WALTER FRANCIS FEAR—Outstanding student of Hawaiian history and leader in the development of government in this Territory.

GEORGE GRAFTON WILSON—Inspiring teacher and eminent contributor to the science of international law.

Master of Arts

HELEN STRONG CARTER—Community builder and leader.

ACADEMIC DEGREES

Master of Science

George Herbert Akau, B.S., University of Hawaii, 1935.

Kazuma Nishimura, B.S., University of Hawaii, 1936.

Elizabeth Viola Steffee, B.S., Florida State College, 1932.

*William Bicknell Storey, B.S., University of Hawaii, 1935.

*Makoto Takahashi, B.S., University of Hawaii, 1928.
Thesis: Self and Cross Fertility and Sterility Studies of the Sweet Potato.

Master of Arts

Larrabee Albertson, A.B., Columbia University, 1935.

Mew Keam Chock, B.A., University of Hawaii, 1931.

* Under direction of the Graduate School of Tropical Agriculture.
Dai Ho Chun, B.A., University of Hawaii, 1930.
Thesis: Direct Expenditures by and on Behalf of Public Senior High School Students in Honolulu.

†Edna Coder, A.B., University of Minnesota, 1930.

Margaret Mary Frowe, B.A., University of Hawaii, 1934.
Thesis: The History of the Theatre during the Reign of King Kalakaua, 1874-1891.

Margaret Yuk Kwai Ho, B.A., University of Hawaii, 1933.

†Grace Humphries, B.S., Oregon State College, 1924.

†Margaret A. Ingram, A.B., Scripps College, 1931.
Thesis: Louis Becke, A Study.

William Marcus Ingram, Jr., B.A., Pomona, 1935.
Thesis: Fouling Organisms in Kaneohe Bay and Pearl Harbor, Oahu.


Bernice Bong Hee Kim, B.A., University of Hawaii, 1933.
Thesis: The Koreans in Hawaii.

Alice Frances Laubach, B.A., Sweet Briar College, 1935.

Shigeo Shinkawa, B.A., University of Hawaii, 1936.

David Tamaichi Takahashi, B.A., University of Hawaii, 1936.

Emma En Feng Tenn, B.A., Yenching University, 1934.

Inger Scheie Vaughn, B.S., College of William and Mary, 1921.

Master of Education

Thomas Muris Feiteira, Ed.B., University of Hawaii, 1933.
Thesis: The Development of Agricultural Education in the Territory of Hawaii.

† Degree granted August, 1937.
Alice Keakealani Lee, B.A., University of Hawaii, 1933.

†Shichiro Miyamoto, B.Ed., Hiroshima University, 1934.

Stanley Masaichi Miyamoto, Ed.B., University of Hawaii, 1933.
Thesis: *A Study of the Pupils of Halawa School.*

Lenora Anna Shanedling, A.B., Reed College, 1936.
Thesis: *Student Opinion and Personnel Factors at Teachers College, University of Hawaii.*

**Bachelor of Science**

**IN AGRICULTURE**
*Allen Frank Andrade
Henry Won On Chun
Chung Tung Lee
Mahn Kuen Lee
Charles Chung-Wong Lum
Satomi Maneiki
Isao Matoi
Mitsuo Okazaki
Kiyoshi Sakai
Richard Sakaye Shigemoto
Erich Carl Spillner
*Richard Minoru Sumida
Yasuho Takata
Bernard Chang Ting

**IN CIVIL ENGINEERING**
Cecil Sydney Carmichael
Ralph Sachio Inouye
Ah Chun Loo
Robert Louis Stevenson
Albert Yee Look Yee

**IN GENERAL SCIENCE**
Northrup Haviland Castle
Howard Herbert de Vis Norton
Satsue Ruby Fujii
†Thomas Fukuo Fujiwara

† Degree granted August, 1937.
† Degree granted February, 1937.

**IN HOME ECONOMICS**
Mae June Olmos Brash
Marguerite Campbell
Myrtle Bechert Castle
†Carolyn Ah Sam Chang
Florence Yuen Fung Ching
Kam How Chun
*Katherine Koon Yau Chun
Mitsuko Kimata
Helen Kau Yee Leong
Tazuko Oka
Tsutoko Oka
Hannah Sur
Juliette Blake Wong
Etsuko Yamamoto

**IN SUGAR TECHNOLOGY**
John Napier Butchart
William Choy Chun
Degrees Conferred

Howard Cooper
Charles Lono Hapai
Albert Kam Tai Ho
Koji Ikeda
Chandra Kant Kapadia
Sadami Katahara
†Clarence Lyman

John Milne
Katashi Nose
Shigeo Okubo
Etsuo Sayama
Leon Alfred Thevenin
James Kalei Williams

Bachelor of Arts

Dorothy Marie Andrade
Susumu Awaya
†William Kauhane Baker
†Mary-Amy Bechert
Harlan Frederic Benner
John Alan Best
Barbara Eleanor Borden
Jean Margaret Catton
Ellen Sung Sook Cha
*Hing Lin Chang
George Benjamin Chollar
Hazel Nyuk Yung Chong
Radegonda Chow
Cary Kwai Leong Chung
Ella Kam Oon Chun
John Chung
Norma Raymond Collins, Honors in Anthropology
Elsie Keoki Crowell
James Witt Dyson
Othello Vincent Esposito
Helen Jean Forbes
†Lillian Amy Ford
Mary Helen Fraile
Donald Hiroshi Fujiyoshi
*Yasutaka Fukushima
Maikai Gonsalves
Violet Rose Gonsalves
Samuel U. Goo
†Marguerite Suzuki Hamamoto
†Cletus James Hanifin
Wah Kin Hee
Hideo Samuel Higuchi
Teichiro Hirata
†Degree granted August, 1937.
*Degree granted February, 1937.

Jerome Knowlton Holmes
Irmgard Carola Hoermann
Sunao Idehara, Honors in History
Elsie Katsuko Ikeda
Adeline Indie
Dorothy Isabel Jose
Minoru Kanda
*Deborah Tet En Kau
Esther Ing Kau
*Masayuki Kawasaki
Frances Kisayo Kaya
†Dora Park Kim
Gilbert Shiro Kimura
*Evelyn Mathilda Klussman
*Eikichi Kobashigawa
Gunji Koike
*Robert Masayoshi Kojima
Margaret Chung-Sook Kwon
Joseph Kong Yim Lee
Leontrice Myung Hee Lee
*Lewis David Leflar
Anne En Lan Liu
*Bertha Kong Liu
Anastacio Bonifacio Luis
Fumio Ralph Matsumura
Harue Matsunaga
Edward Toshiwo Matsuoka
*Calvin Camp McGregor, Honors in Economics
Kazuko Mitsui
†Henry Miungon Min
†Anthony Morse
Katsuto Nagaue
James Saburo Nakamura
Stephen Nakamura
†Yutaka Nakamura
Mitsutada Nakayama
James Kazuya Nishiwa
Seido Ogawa
Tsutomu Ohta
Ichiro Donald Okamura
Elizabeth Jane Pickering
Kunito Sadaoka
Charles Euriku Sakamaki
Samuel Mitsuyoshi Sakamoto
†Esther Rutherford See
Herminigildo Sensano
Paul Kameo Shimizu
Minoru Shinoda
Masao Shinshiro
†Henry Silverthorne
Theodore Teruo Sueoka
Mabel Lee Sunn
Taro Suyenaga
Yoshiro Taira
Taro Tanaka
Edna-Ruth Mahealani Tavares
Buck Kamm Thom
†Volto Hung Tom
Thora Laura Tracy
Harusugu Uchimura
Phylis Van Orden
†Betsy Bell Van Voorhis
Douglas Toshio Wada
Lorraine Williams
Hei Wai Wong
En Yin Wun
George Shoji Yamamoto
Sang-Kau Yao
David Koon Yick Yee
Ernest Masao Yoshida
Frances J. Zane

Bachelor of Education

*Shogo Abe
*Charles Hoomanawanui Aina
Shirley Shizue Akahoshi
†Thomas William Lum Akana
*Daisy Alexander
†Evelyn Miulang Chan Wa Apo
Leatrice Fumiko Arakawa
†Alice Pauline Dias Arruda
†Bertha Baptiste
Stanley Francis Bento
Janis Jean Bingham
Lois Evangeline Blaisdell
†Robert Moon Bow
†Ruth Margaret Bricker
Violet May Bryson
Rae Buel
†Cecilia Cass
Lena O. Loo Chang
Lorraine Kaumeslani Mew Hee Ching
Nyuk Shin Ching
Violet Eleanor Choy
Harry Yuen Chong Chuck
Ada Kop Chun
Lydia Chew Pung Chun
Beatrice D’Araujo
Violet Lois Davis
†Miguel Mitchell De La Cruz
Florence E. DeMello
Sophie Edith Durbenuick
Kuulei Emoto
Josephine Allencastre Enos
Hubert Victor Everly
Viola Loffer Fuller
†Charles Yuen Chong Fung
†Carrie Phillip Gomes
†Katie Centeio Gomes
†Adelaide Violette Gonsalves
†Henry Raymond Gouveia
Lida Haggerty
Oliva Louise Harris
†Ah Lun Hew
†Aileen Mau Hew
*Risuyo Hirai
†Lily Tenn Ho

* Degree granted February, 1937.
† Degree granted August, 1937.
Degrees Conferred

†Anna Zane Hook
Mae Hoshino
Edward Clarence Hustace
†Yukino Igasaki
†Martha Yuk Ching Ing
†Aiko Iwamoto
Kazue Iwamura
Namiko Iwashita
†Helen Tilleman Jamieson
†Eva Helena Miranda Jones
†Clinton Kanakehe
Flora Naikee Cho Kang
Louise Marcella Kartes
Yoshiko Irene Kashiwa
Joyce Natsuko Kawamoto
†Hattie Maile Kendrick
†Julia Wilson Kennedy
Kaleialoha Williams Kenney
†Jennie Sungil Kim
Chiyono Kinoshita
*Klara Kumeyo Kurano
†Janet Kiyoko Kurata
*Ada Chung Lee
Irene Kuen Yen Lee
Peggy Abeong Lee
†Violet Wongwai Lee
Kwai Sim Leong
Ellyna Lo
*Beatrice Sung Yee Lum
Wallace Michio Maeda
Florence Fusako Makishima
*Virginia Drummond Manley
Emma Rosehill Matsuguma
Katherine P. Matsuno
†Eunice McCain
†Grace Yuen McGarrow
†Irma Doss McLaren
†Yoshiichi Miyake
*Margaret Hifumi Monden
Edna Suzuki Nagakura
†Margaret Yoshiko Nakasone
†Jessie Umeko Nishi
†Hisashi Okawa
Edna Mitsue Omatsu
†Keichi Osaki
Richard Roy Ratekin
†Gladys Mitsuko Sakai
†Raymond Takeo Sekimura
†Charlotte Sakai Shimizu
Barbara Sledge
Wygelia Hollis Smith
Evelyn Mitsuko Sumida
†Georgina Lorimer Sutherland
Alice Umiko Suzuki
Robert Shinichi Taira
Reuben Tam
*Lydia Dolim Tavares
Ellen Nobuko Teshima
*Madge Hope Wardy
Elizabeth Whang
Thora Jane Williams
Anna Ai Chang Wong
*Florian Hu Wong
Hong Kwan Wong
†Winifred Hiu Wong
Mildred Aiko Yamagata
*Yuriko Yamamoto
†Nancy Suye Fujita Yamashita
Charles Sueichi Yanagihara
Evelyn Ayako Yanagihara
*Emma Chang Yim
Patsy Yau Kam Yong
Toshimi Yoshinaga
Margaret P. Zane

RECIPIENTS OF FIFTH YEAR CERTIFICATES

Marie Eileen Abshire
Florence Akana
Esther Chung Ako
Evelyn Medeiros Andrade
Anna Tagawa Ching

* Degree granted February, 1937.
† Degree granted August, 1937.
RECIPIENTS OF PUBLIC HEALTH NURSING CERTIFICATES

*Yoshiaki Eto
Tadashi Fukushima
Mildred Misu Goto
Edna Sadako Hamamoto
Violet Hisako Higaki
*Helen Theckla Hiserman
Bernard Jiro Koseki
Masako Kubota
*Alice Kam Yuke Lee
Betty Oi Quon Lo
Saburo Machara
Ruth Nishimoto Masuda
Richard Shinichi Mirikitani
Elaine Okazaki Morimoto
Matthew Mai Tai Nahm
Henry Nishimura
*Eleanor Sueko Nishiyama
Gladys Lino Nobriga
*James Noda
Midori Joyce Okumura
Hiroshi Ooka
Woon Young Pack
Helen Pohlmann
Sadie Kaheaku Ragbir
William Tate Robinson, Jr.
Saburo Santoki
*Dorothy Haru Shinoda
*Vivian Kam Oi Sun
Richard Shigeru Suzui
*Yoshiko Tahara
*Chiyoko Takagi
*Sakae Takano
*Rose Hatsuko Tanna
Florence Yap Tyau
Noriyuki Ueoka
Aileen Katherine Uksaka
Cecilia Vieira
Dorothy Vierra
Matilda Vierra
Ellen Dora We
Sarah Kuuleipoinsole Wela
Sau Gin Wong
Beatrice Meu Yung Yap
Peter Kazuo Yasutake
*Walter Isami Yoshina
*Florence Wai Kyiu Young

Zaderine L. Eaton
Dolores R. Garcia
Nancy L. Kong
Kahiwa Thompson Lee
Margaret Young Makau
Alice Wong McGuire
Ora Lee Mitchell
Vivian Umeko Munei
Laura Deponte Wong
Lois Marie Rasmussen
Ruth Van Keuren Sakai
Yuki Tokimasa
Floria Maria Williams

* Certificate granted February, 1937.
Register of Students
1937-1938

GRADUATE DIVISION

 Candidates for Degrees

Ai, Mrs. Olive D., 1266 Ekaha Ave., B.A., University of Hawaii, 1934. (Education)
Bairos, Margaret C., 2121 Lanihuli Dr., A.B., University of California, 1936. (English)
Bakken, Joseph I., 2011 Lanihuli Dr., B.A., St. Olaf College, 1925. (Education)
Baldwin, Paul H., 1874 San Juan Ave., Berkeley, Calif.; Central Union Church, A.B., University of California, 1936. (Zoology)
Barrett, Charles B., 2367 E. Manoa Rd., A.B., Hastings College, 1929. (Education)
Bartlett, Gladys M., 2730 Terrace Dr., A.B., University of Washington, 1930. (Political Science)
Beach, Arthur R., 309-B Paoakalani, E.E., Renselaer Polytechnic Institute, 1930. (Physics)
Belknap, Mrs. Stella W., Kalama, Oahu, Ed.B., University of Hawaii, 1935. (Education)
Brewer, Mrs. Lela R., 811 18th Ave., B.A., University of Hawaii, 1931. (Psychology)
Brown, Mrs. Flora B., 1115 Lunalilo St., B.A., Stanford University, 1903. (Political Science)
Brown, Mrs. Thelma C., 5012 Maunalani Circle, B.A., University of Hawaii, 1932. (Education)
Canaday, Lotty V., 1224-B Palolo Ave., Ed.B., University of Hawaii, 1933. (Education)
Carter, Reginald W., 2444-A Burbank, A.B., College of Emporia, 1927. (Education)
Cass, Margaret M., 937 E. Holliday St., Pocatello, Idaho; 2336 Beckwith St., B.A., University of Oregon, 1936. (English)
Catto, Robert J., 559 Euclid Ave., Upland, Calif.; 2326-A Oahu Ave., B.A., Pomona College, 1936. (Botany)
Chang, Mrs. Annie A., 1836-C Boyd Lane, Ed.B., University of Hawaii, 1934. (Education)
Claflin, Mansfield P., 3034 Manoa Rd., B.S., University of California, 1930. (Education)
Clopton, Robert W., Waialee, Oahu, A.B., Maryville College, 1926. (Education)
COOIL, Bruce J., 2757 Puuhonua St., B.S., State College of Washington, 1936. (Botany)

DAVIS, Jefferson C., 309 Paakalani Ave., B.S., North Carolina State College of Agriculture and Engineering, 1928. (Physics)

Dow, Gertrude F., 1423 Whitney St., A.B., University of Hawaii, 1930. (International Relations)

Dyon, Clarence B., Aiea, Oahu, Ed.B., University of Hawaii, 1935. (Education)

Faulconer, Mrs. Grace, 1817 Wilhelmina Rise, B.A., University of Hawaii, 1933. (Education)

Fong, Jennie P. K., 45-A S. Kuakini St., B.A., University of Hawaii, 1936. (English)

FORBES, Mrs. Eureka B., 3697 Woodlawn Dr., B.A., University of Hawaii, 1933. (Political Science)

Fowlds, Lorraine, 2029 Lanihuli Dr., B.A., University of Hawaii, 1936. (Education)

Freitas, Henrietta, 1415 Lauhala St., Ed.B., University of Hawaii, 1934. (Education)

Gard, Richard A., Central Union Church Campus, A.B., University of Washington, 1937. (Oriental Studies)

Goto, Yasuo B., 2148 Dole St., B.A., University of Hawaii, 1924. (Sociology)

Griggs, Helen C., 714 16th Ave., A.B., University of California, 1923. (Oriental Studies)

Guest, Paul L., Mercedes, Texas; 2230 Kamehameha Ave., B.S., University of California at Los Angeles, 1936. (Plant Physiology)

Haggarty, Lida, 40-A Fort Ruger, Ed.B., University of Hawaii, 1937. (Education)

Hobson, Genevieve H., 3772 Sierra Dr., Ed.B., University of Hawaii, 1936. (Education)

Holahan, Fred G., 2288 Liliha, B.A., Pennsylvania State College, 1937. (English)

Huckestein, Inez L., Box 2864, Honolulu, B.A., University of Hawaii, 1932. (English)

Idehara, Sunao, P. O. Box 151, Paauilo, Hawaii; 3517 Pakui St., B.A., University of Hawaii, 1937. (History)

Ishihara, Yoshimasa, 183 N. Hotel St., B.S., University of Hawaii, 1937. (Chemistry)

Kanahele, Clinton, Kaneohe, Oahu, Ed.B., University of Hawaii, 1937. (Education)

Kaufer, Brunhilde L., 1041 S. E. 39th Ave., Portland, Ore.; 2125 McKinley St., B.A., Reed College, 1935. (Sociology)

Kawamoto, Shizuyo, 2205 S. Beretania St., Ed.B., University of Hawaii, 1933. (Education)

Kawelo, James E., 2125 Bannister St., B.A., University of Hawaii, 1926. (English)

Kido, Mitsuyuki, Haiku, Maui; Hotel Grove, B.A., University of Hawaii, 1928. (Education)
Lecker, George T., 2241 Liliha St., B.A., Arizona State Teachers College, Tempe, Ariz., 1933. (Education)

Lee, Bung Chong, 72 N. Hotel St., B.A., University of Hawaii, 1935. (Sociology)

Lee, Genevieve K. L., 2136 S. King St., B.A., University of Hawaii, 1934. (Education)

Lee, Mrs. Rosalie L., 1338 Young St., B.A., University of Hawaii, 1932.


Ling, Edith T., 1116-D Kapahulu Ave., B.A., University of Hawaii, 1931. (Education)

Lyman, Clarence, 34-C Ewaliko Lane, Hilo, Hawaii; 1914 University Ave., B.S., University of Hawaii, 1937. (Soil Science)

Machlis, Leonard, 2365 Oahu Ave., B.S., Washington State College, 1937. (Botany)

Mainland, Gordon B., 3045 Calle Noguera, Santa Barbara, Calif.; Atherton House, B.A., Stanford University, 1937. (Zoology)

Mau, Helen L., 817 Factory St., Ed.B., University of Hawaii, 1933. (Education)

McCleery, Maybelle B., 326 Liliuokalani Ave., Ed.B., University of Hawaii, 1933. (Education)

Miller, Mrs. Elizabeth R., 2927 Nanihale Pl., A.B., Oxford College, Oxford, Ohio, 1919. (Education)

Moodie, Mary, Makaweli, Kauai, B.A., University of Hawaii, 1932. (Education)

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

Morse, Marion, Pleasanton Hotel, B.A., University of California, 1916. (Oriental Studies)

Nakata, Henry S., 967 Akepo Lane, Ed.B., University of Hawaii, 1933. (Education)

Ogata, Shigeyo, 2346 S. Beretania St., Ed.B., University of Hawaii, 1935. (Education)

Okabe, Charles J., 3366-I Kanaina Ave., Ed.B., University of Hawaii, 1934. (Education)

Okabe, Mrs. Daisy S., 3366-I Kanaina Ave., Ed.B., University of Hawaii, 1934. (Education)

Okubo, Sakiko, Waiakoa, Kula, Maui, Ed.B., University of Hawaii, 1933. (Education)

Onishi, Katsumi, Box 96, Aiea, Oahu, B.A., University of Hawaii, 1934. (Education)

Orne, Carol W., 3462-B Manoa Rd., B.A., University of Washington, 1922. (English)

Orne, Stanley, 3462-B Manoa Rd., B.A., University of Washington, 1923. (English)

Ployhart, Frederick P., Cotton Club, B.S., St. Thomas College, St. Paul, Minn., 1924. (Chemistry)

Reid, Ralph W. E., 17 Bailey Rd., Yeaton, Penn.; 2536 Manoa Rd., B.S., Northwestern University, 1936. (Oriental Studies)
Robinson, William T., Jr., 1118 Hassinger St., A.B., St. John's College, Annapolis, Maryland, 1931; Ed.B., University of Hawaii, 1936. (Education)

Ross, Mrs. Kathryn K., 1610 Mikahala Way, A.B., Santa Barbara State College, 1927. (Education)

Ross, Mrs. Ruth D., 2612 Haleleina St., Ed.B., University of Hawaii, 1932. (Political Science)

Sanjume, Jisoo, Kahuku, Oahu; 1907 Coyne St., A.B., University of California, 1927. (Education)

Shaw, Thomas N., Lanikai, Oahu; Atherton House, B.S., California Institute of Technology, 1937. (Chemistry)

Smith, Leslie R., 2128 Lanihuli Dr., B.S., Massachusetts Agricultural College, 1928. (Soil Science)

Spoehr, Hortense, 464 Coleridge Ave., Palo Alto, Calif.; 2065 Lanihuli Dr., A.B., Stanford University, 1937. (Oriental Studies)

Takeda, Yetatsu S., 1727 Fort St., Bungakushi, Ryukoku University, 1933. (Sociology)

Thain, Mrs. Janet II., Fernhurst, B.A., University of Hawaii, 1930. (History)

Thoene, Mrs. Alma E., 2548 Rooney Ave., Ed.B., University of Hawaii, 1935. (Education)

Tyau, Henry T. Y., 2344 Makanani Dr., Ed.B., University of Hawaii, 1934. (Education)

Wallace, Mrs. Patricia M., 2157 Atherton Rd., B.A., University of Hawaii, 1933. (Sociology)

Wentworth-Rohr, Ralph J., 1527-A Wilder Ave., A.B., St. John's College, 1928. (Education)

Wong, Erwin L. S., 1938 Ahuula St., Ed.B., University of Hawaii, 1936. (Education)

Wong, James H., Waianae, Oahu; 2048 S. Beretania St., Ed.B., University of Hawaii, 1932. (Education)

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

Yoshida, Shigeo, 3127 Charles St., B.A., University of Hawaii, 1930. (Education)

Zieman, Clayton M., 1666 Liholiho St., B.A., University of Wisconsin, 1927. (Physics)

Not Candidates for Degrees

Abe, Yaso, Aiea, Oahu, B.S., University of Hawaii, 1933.

Ahn, Soon Nahm, 1238 Lunalilo St., B.S., University of Missouri, 1924.

Akamine, Ernest K., 2209 Kam IV Rd., B.S., University of Hawaii, 1935.

Akana, Thomas W. L., 2327 S. Beretania St., Ed.B., University of Hawaii, 1937.

Akau, Mrs. Trude M., 2736 Liliu St., Ed.B., University of Hawaii, 1934.

Alameda, Mrs. Mathilde S., Box 102, Waialua, Oahu, B.A., University of Hawaii, 1929; M.A., University of Hawaii, 1932.

Allem, Mrs. Muriel M., 1843-F Naopala, B.A., University of California, 1936.

Ames, Leola E., 1921 Komaia Dr., A.B., University of Wisconsin, 1926.

Anderson, Blanche, Beach Walk Inn, B.S., Northwest Missouri State Teachers College, Maryville, Mo., 1926.
Atkins, Mrs. Thelma, 264 Paokalani St., A.B., College of Pacific, 1931.
Au, Man Hing, 60 Kukui Lane, B.S., University of Hawaii, 1936.
Axelle, Mrs. Faith W., 1044 3rd Ave., A.B., Middlebury College, 1918.
Babcock, Marjorie E., 4116 Black Point Rd., A.B., Wells College, 1919; M.A.,
University of Hawaii, 1927; Ph.D., Columbia, 1932.
Becker, Mabel D., 416 Olohan St., B.S., University of Oregon, 1937.
Beich, M. Jean, Beach Walk Inn, Ed.B., University of Hawaii, 1935.
Bergstrom, Mrs. Elizabeth J., 3119 Huelani Dr., B.S., University of Texas, 1920.
Betts, Alexa C. P., 2050 Kakela Dr., B.A., University of Hawaii, 1933.
Bilton, Mrs. Rigmor E., 2407 Parker Pl., B.M., University of Wisconsin, 1923.
Bolinger, Walter M., 3329 Francis St., B.A., Pacific Union College, 1934.
Borden, Barbara E., 1354 Wilder Ave., B.A., University of Hawaii, 1937.
Bruhn, Kanoea, 3513-B Harding Ave., B.A., University of Hawaii, 1932.
Budin, Harry M., Waipahu, Oahu, B.S., Colorado Agricultural College, 1926.
Budin, Mrs. Olga, Waipahu, Oahu, B.A., University of Kansas, 1928.
Buel, Rae, 2629 Kalakaua Ave., Ed.B., University of Hawaii, 1937.
Burcham, Frank W., 510 N. Church St., Fayette, Mo.; VP-1 Fleet Air Base, Pearl
Harbor, A.B., Central College, Mo., 1934.
Burgess, Charles E., 1506 Kewalo St., A.B., University of Missouri, 1910.
Camara, Louis, 9 Paushi St., B.A., University of Hawaii, 1936.
Cameron, Jamie I., 3438 Alohea, B.S., University of Alaska, 1925.
Caudell, Cleo D., c/o C. C. Hospital, Talihina, Okla.; 1027 6th Ave., B.A.,
University of Redlands, 1937.
Char, Mrs. Esther T., 854 8th Ave., Ed.B., University of Hawaii, 1934.
Chee, Margaret Z., 2031 Coyne St., Ed.B., University of Hawaii, 1936.
Ching, Ah Seong, 1928 Naio St., B.S., University of Hawaii, 1933.
Ching, Bessie Y. K., 2151 Dole St., B.S., University of Hawaii, 1932.
Ching, Daisy N. Y., 1535 Young St., B.A., University of Hawaii, 1936.
Ching, Florence Y. F., Mid-Pacific Institute, B.S., University of Hawaii, 1937.
Ching, Jennie, 520 Analu St., B.A., University of Hawaii, 1938.
Ching, Lani Yapp, Kaneohe, Oahu, 1139 Lunalilo, Ed.B., University of Hawaii,
1936.
Ching, Louise L., 1320 Piikoi St., B.A., University of Hawaii, 1936.
Chong, Vera J., 1420 Lunalilo St., B.A., University of Hawaii, 1931.
Chow, Radegonda K. C., 760 South St., B.A., University of Hawaii, 1937.
Christensen, Carmen A., 418 Royal Hawaiian Ave., A.B., San Jose State Teachers
College, 1929.
Chun, Kong Fat, 1708 Kealia Dr., B.A., University of Hawaii, 1932.
University of Hawaii

Chung, Mrs. Margaret C., 3404 Kanaina Ave., B.A., University of Hawaii, 1933.
Chung, Mrs. Mary A., 817 10th Ave., B.A., University of Hawaii, 1932.
Congdon, Charles F., Old Mystic, Conn.; Iolani School, B.S.Ed., West Chester State Teachers College, 1934.
Conner, Mervyn L., 2417 Parker Pl., D.D.S., University of California.
Corn, Mrs. Anna K., 1245 Sierra Dr., B.A., Washington University, 1911.
Coulter, William H., Waipahu, Oahu, B.S., University of Missouri, 1929.
Crowell, Elsie K., 597 S. King St., B.A., University of Hawaii, 1937.
Durbenuick, Sophie E., Mt. View, Hawaii; 2740-B Waialae Ave., Ed.B., University of Hawaii, 1937.
Dwight, Mrs. Adelia S., 1602 10th St., Hermosa Beach, Calif.; 439 Nahua Pl., A.B., University of Southern California, 1919.
Ewing, Riley B., 236 Liliuokalani Ave., B.S., Oregon State College, 1925; M.S., Cornell, 1937.
Fancher, Mrs. Althea K., 2413 Helelea Pl., A.B., Oberlin College, 1927.
Faulkner, Mrs. Gladys H., 1305 Kaohinani Dr., B.A., University of Hawaii, 1926.
Ferdun, Clarence R., Box 92, Ewa, Oahu, B.S., Oregon State College, 1931.
Fong, Mabel, 1484 Fort St., B.S., University of Pennsylvania, 1936.
Foxall, Sarah E., 1651 Kalakaua Ave., B.A., University of Hawaii, 1934.
Franco, Herbert J., 1236 Konia St., Ed.B., University of Hawaii, 1936.
Fukuda, Isaac I., 808 Laniwai St., University of Hawaii, 1932.
Fuller, Viola L., 1095 Spencer St., Ed.B., University of Hawaii, 1937.
Garrison, Mrs. Mildred B., Macdonald Hotel, William and Mary College, 1924.
Genoves, Evelyn J., 2639 Haleleia St., B.A., University of Oregon, 1937.
Glashan, Frances L., 3734 Kaimuki Ave., Ed.B., University of Hawaii, 1934.
Gomes, Katie C., 1463 Lusitana St., Ed.B., University of Hawaii, 1937.
Goo, Mabel S. F., 1819 Poki St., B.A., University of Wisconsin, 1922.
Goo, Myrtle M., 2106 N. School St., Ed.B., University of Hawaii, 1936.
Greenwood, Glenn R., Waimanalo, Oahu, B.S., Oregon State College, 1926.
Grinager, Mrs. Esther, Beach Walk Inn, B.A., Mayville State Teachers College, North Dakota, 1929.
Grinager, Kenneth P., Beach Walk Inn, B.A., Mayville State Teachers College, North Dakota, 1929.
Guard, Mrs. Edith O., 3273 Diamond Head Rd., A.B., Western Reserve University, 1922.
Hapai, Mrs. Lei A., Damon Tract, Lot 334, Ed.B., University of Hawaii, 1933.
Harrington, Ivalee, 3763 Anuea St., B.A., University of California, 1936.


Hee, Annie Y. I., 1710 Young St., B.A., University of Hawaii, 1936.
Hee, Ellen C., P. O. Box 3437, Honolulu, Ed.B., University of Hawaii, 1935.
Hee, Mrs. Sarah C., 2312 Coyne St., Ed.B., University of Hawaii, 1936.
Heming, Murray V., Box 394, Schofield Bks., B.S., University of Hawaii, 1927.
Hewitt, Robert A., Schofield Bks., B.S., United States Military Academy, 1932.
Higuchi, Mrs. Hisako, Box 788, Waipahu, Oahu, B.A., Pomona College, 1934.
Hire, Albert W., Rt. 2, Winchester-Salem, N. Car.; Mid-Pacific, B.A., Guilford
College, 1933; B.D., Hartford Seminary, 1936.
Hiru, Hon Sam, 35 So. Kuakini St., B.A., University of Hawaii, 1931.
Ho, Albert K. T., 1314 Farrington St., B.S., University of Hawaii, 1937.
Ho, Dora, 1685 Lusitana St., Ed.B., University of Hawaii, 1933.
Ho, Man Quing, Chang Chia Pien, Chung Shan District, Canton China; 1524
Emma St., B.A., Sun Yat Sen University, 1931.
Hormann, Irmgard C., 1036 Green St., B.A., University of Hawaii, 1937.
Hu, Henry S. C., 1757 Fort St., B.A., University of Hawaii, 1933.
Ing, Lucille L., 1749 Self Lane, B.A., University of Hawaii, 1938.
Ing, May K. Y., 1704 Poki St., B.S., University of Hawaii, 1936.
Ing, William Y., 1749 Self Lane, Ed.B., University of Hawaii, 1938.
Irvine, Mrs. Murty C., 1619 Alewa Dr., Ed.B., University of Hawaii, 1933.
Isem, Frieda, J., Box 445, Banning, California; 1312 Kapiolani St., B.A., Po-
mona College, 1915.
Iwamoto, Aiko, 3023 Kuauaoa St., Ed.B., University of Hawaii, 1937.
Jackson, Archie C., 1920 Hunnewell St., B.S., Nebraska State Teachers College,
1928.
Jackson, Ellen S., 1920 Hunnewell St., B.A., University of Hawaii, 1930.
Jamieson, Helen T., 2412 Oahu Ave., Ed.B., University of Hawaii, 1937.
Johnson, Charlotte E., 2117 McKinley St., A.B., University of California, 1930.
Johnson, India G., 1542 Asylum Ave., W. Hartford, Conn.; 239 Lewers St.,
B.A., Smith College, 1921.
Johnson, M. Louise, 3635 Sierra Dr., B.A., Carleton College, 1910.
Judd, Emma, 1828 Vancouver Dr., A.B., Vassar, 1937.
Jukes, Irene H., 4646 Kahala Ave., A.B., Goucher College, 1932.
Kagawa, Yoshinobu, 3734 Harding Ave., A.B., University of Hawaii, 1934.
Kai, Mrs. Margaret H., Honolulu Academy of Arts, B.A., University of Hawaii,
1932; M.A., University of Hawaii, 1933.
Kamada, Matsuyo, 1531 Gulick Ave., B.A., University of Hawaii, 1935.
Kartes, Louise M., Wales, N. Dak; Leilehua High School, Ed.B., University of
Hawaii, 1937.
Kau, Deborah, 650 9th Ave., B.A., University of Hawaii, 1937.
Kau, Esther I., 2430 Rooke Ave., B.A., University of Hawaii, 1937.
Kau, Lucy S., 1566-D Piikoi St., Ed.B., University of Hawaii, 1934.
Kawamura, Fred H., 941 Pumehana St., B.S., University of Hawaii, 1933.
Kaya, Frances K., 3118 Harding Ave., B.A., University of Hawaii, 1937.
Kendrick, Hattie M., 904 Lunalilo St., Ed.B., University of Hawaii, 1937.
Kennedy, Kaleialoha W., 3247 Charles St., Ed.B., University of Hawaii, 1937.
Kerns, Kenneth R., Box 42, Wahiawa, Oahu; P.P.C.A. Experiment Station, B.S., University of Hawaii, 1926; M.S., University of Hawaii, 1931.

Kiewit, Alice M., 5009 Ward St., Omaha, Nebr.; 2159 Ala Wai Blvd., B.F.A., University of Nebraska, 1927.

Kikuta, Kazuo, Haiku, Maui; 1710 Fort St., B.S., University of Hawaii, 1936.

Kim, Dora P., c/o Waiahole School, Heeia, Oahu; 281 Huali, Ed.B., University of Hawaii, 1937.


Kinosita, Tsuneo, 1943 Young St., B.S., University of Hawaii, 1934.


Kollmeier, Hazel, 7324 Cornell St., St. Louis Mo.; 2065 Lanihuli Dr., B.S., University of Hawaii, 1936.


Lam, Elsie L., 3514 Kaimuki Ave., B.A., Willamette University, 1925.

Larsen, Mrs. Jessie C., 2151 Armstrong, A.B., University of California, 1934.


Lau, Stella H., 617 8th Ave., Ed.B., University of Hawaii, 1933.

Lee, Bernard C., 1098 S. Beretania St., B.S., University of Hawaii, 1933; M.S., University of Hawaii, 1935.

Lee, Evelyn W., 1306 Young St., B.A., University of Hawaii, 1936.

Lee, Harry K., 1244 Hall St., B.A., University of Hawaii, 1936.

Lee, Leatrice M. H., 260 Auwailimu St., B.A., University of Hawaii, 1937.

Lee, Violet W., 1865-H Makauee Lane, Kalakaua Ave., Ed.B., University of Hawaii, 1937.

Lee, William C. W., Rear 545 N. School St., B.J., University of Missouri, 1936.

Leeper, Maude M. J., Box 162, Waialua, Oahu, Ed.B., University of Hawaii, 1933.

Len, Mrs. Ping Kyau Z., 1523 St. Louis Dr., B.A., Yenching University, 1934.

Leong, Ah Tin, 1055 Kinau St., B.A., University of Hawaii, 1935.

Leong, Nancy Y. W., 1237-B Palama St., B.A., University of Hawaii, 1933.

Leong, Richard K., 938 Winant St., B.S., University of Hawaii, 1934.


Lindley, Samuel E., 2757 Puuhonua, B.A., University of Hawaii, 1936.

Littell, Walter W., Iolani School, B.S., Yale University, 1932.

Little, Mrs. Ellen B., 3483 Alohea Ave., B.A., Occidental College, 1921.

Liu, Anne E. L., 1111 McCully St., B.A., University of Hawaii, 1937.

Liu, Bertha K., 817 9th Ave., B.A., University of Hawaii, 1937.

Liu, Mrs. Jewell M., 1865 St. Louis Dr., B.S., Birmingham Southern College, 1929.

Lodge, Mrs. Clarissa H., Box 784, Waipahu, Oahu, B.A., Park College, 1928.

Louis, Lucille, 1060 Kokopu Ave., B.S., University of Hawaii, 1935.

Lum, Alice K., 1072 Kaili St., Ed.B., University of Hawaii, 1935.
Register of Students

Lum, Mrs. Lillian A., 1054 Kinau St., B.A., University of Hawaii, 1935.
Mackenzie, Mrs. Winifred S., Box 375, Wahiawa, B.A., Denver University, 1927.
Mark, Mrs. Nora W., 1908 Coyne St., B.S., University of Hawaii, 1934.
Masunaga, Eichi, 483 N. Kuakini St., B.S., University of Hawaii, 1927.
Matsuno, Mrs. Katherine F., 1218 13th Ave., Ed.B., University of Hawaii, 1937.
Mau, Winifred C., 1346 Wilhelmina Rise, B.A., University of Hawaii, 1933.
McCain, Eunice, Waialua, Oahu, Ed.B., University of Hawaii, 1937.
McCluskey, Donald, 1698 Mott-Smith Dr., B.A., University of Hawaii, 1935.
McKinlay, Alma M., 1516 Emerson St., B.E., University of California at Los Angeles, 1931.
McTaggart, Mrs. Audrey L., 2103 Hunnewell St., B.A., University of Hawaii, 1926.
Mendonca, Mrs. Violet G., 162-B Pacakalani St., B.A., University of Hawaii, 1937.
Merrill, Mrs. Dorothy C., 1661 Piikoi St., Ed.B., University of Hawaii, 1934.
Meurlott, Louise P., 2112 Dole St., B.A., University of Hawaii, 1929.
Miura, Katherine S., 1914 Date St., Ed.B., University of Hawaii, 1936.
Miyake, Yoshiichi, 2012 Bingham St., Ed.B., University of Hawaii, 1937.
Mizusaki, Kimie B., Box 95, Hakalau, Hawaii; 1144-D 2nd Ave., B.A., University of Hawaii, 1934.
Molumphy, Olive S., 814 N. W. 16, Oklahoma City, Okla.; 2411 Halelea Pl., A.B., University of Oklahoma, 1930.
Moo, Eva W., 1040 6th Ave., B.S., University of Hawaii, 1931.
Moore, M. Moehau, 1316 Matlock Ave., Ed.B., University of Hawaii, 1938.
Morimoto, Tadashi, Holualoa, Kona, Hawaii; 617 Ihe St., B.A., University of Hawaii, 1935.
Motoyama, Elsie C., 2632 Rooke Ave., Ed.B., University of Hawaii, 1938.
Mukai, Brian K., Box 177, Waialua, Oahu, Ed.B., University of Hawaii, 1938.
Murdoch, Catherine H., Box 768, Waipahu, Oahu, B.S., Kansas State Teachers College, 1937.
Nagai, Susan F., 478 N. Kuakini St., Ed.B., University of Hawaii, 1933.
Nakagawa, Mrs. Esther O., 3455 Waialae Ave., B.A., University of Hawaii, 1927.
Nakayama, Mitsutada, Moanalua, Oahu; Box 1290, Honolulu, B.A., University of Hawaii, 1937.
Nashiwa, Martha F., Paia, Maui; 1547 Pukele St., B.A., University of Hawaii, 1933.
Nishi, Jesse U., 564 N. King St., Ed.B., University of Hawaii, 1937.
Noble, Jack E., 3758 Glen-Feliz Blvd., Los Angeles, Calif.; 2757 Puuhonua St., A.B., University of Southern California, 1937.

Ogata, Tomi, 2346 S. Beretania St., B.A., University of Hawaii, 1935.

Ohnishi, Ou M., 1566-C Piikoi St., Ed.B., University of Hawaii, 1934.

Okimoto, Marian C., 3468 Waialae Ave., B.S., University of Hawaii, 1934.

Okubo, Shigeo, 1266 Matlock Ave., B.S., University of Hawaii, 1937.

O'Leary, Lloyd J., 3434 Niolopua Dr., Honolulu, B.S., University of California, 1927.

O'Meara, Mrs. Helen F., Beach Walk Inn, A.B., University of Oklahoma, 1925.

Oman, Mildred T., 925 Ahana Lane, Ed.B., University of Hawaii, 1936.

Otsuki, Keichi, 3311 Kaimuki Ave., Ed.B., University of Hawaii, 1937.

Olahau, Robert K., Kealakekua, B.S., College of Hawaii, 1918.

Park, Gladys S., 3161 Kaimuki Ave., Ed.B., University of Hawaii, 1933.

Parks, Mrs. Ivy W., 3201 Oahu Ave., B.A., University of Hawaii, 1933.


Penhallow, Richard, Aiea, Oahu, B.S., University of Hawaii, 1926.

Peppin, Hazel B., 2524 E. Manoa, B.A., University of Hawaii, 1932.

Peterson, Mrs. Kathryn D., 1516-G Nehoa St., Ed.B., University of Hawaii, 1936.

Poka, Mrs. Elizabeth C. C., 287 Kalipuhi St., Ed.B., University of Hawaii, 1935.

Powell, Mabel, 2543 Mulberry St., Riverside, Calif.; Box 416, Wahiawa, A.B., University of California, 1925.

Proctor, Robert H., Jr., 196-33 Foothill Terrace, Hollis, N.Y.; Patrol Squadron Four, Fleet Air Base, Pearl Harbor, A.B., University of North Carolina, 1931.

Rice, Frank E., 1428 Makiki St., B.A., Pacific Union College, 1932.

Richmond, George V., 2447 Parker Pl., A.B., University of California, 1934.

Ross, Mrs. Caroline S., 2626 Terrace Dr., B.A., Vassar College, 1905.

Roxburgh, Mrs. Nani E., Moanalua, c/o S. M. Damon Estate, Ed.B., University of Hawaii, 1933.

Rush, John O., 16 W. Flo Claire, Mobile, Ala.; VP-8, F.A.B., Pearl Harbor, B.S., Alabama Polytechnic Institute, 1936.

Santer, Mrs. Mary S., 1356 7th Ave., B.A., University of Hawaii, 1932.


Seto, Beatrice N., 2041 Iholena Rd., B.A., University of Hawaii, 1931.

Sherretz, Mrs. Lucy B., 931 16th Ave., A.B., University of California, 1928.

Shimazu, Katsuki, 1504 Enos Lane, B.A., University of Hawaii, 1936.


Simonson, Jacob A., 1415 Makiki St., A.B., Pacific Union College, 1925.

Sister Fritz, Mildred C., 1722 Dole St., B.A., Mt. St. Vincent College, 1933.

Skamfer, Robert H., Evah Claire, Wis.; Mid-Pacific Institute, B.Ed., Evah Claire State Teachers College, 1936.

Smith, Alice W., 70 Judd St., B.S., Columbia University, 1916.

Smith, Harriette C., 1507 Alapai St., A.B., University of Michigan, 1927.

Smith, Judith D., Qtrs. 61, Fort Shafter, B.A., Wellesley, 1934; M.A., Wellesley, 1937.
Smith, Margaret L., c/o M. G. Smith, Regent Hotel, San Francisco, Calif.; Box 102, Wahiawa, Oahu, B.S., University of Minnesota, 1928; B.S., University of Denver, 1936.

Smith, M. Elizabeth, 2125 McKinley St., B.A., University of Washington, 1935.

Smith, Thomas E. W., 2065 Lanihuli Dr., B.A., University of Hawaii, 1936.


Song, Arthur P., 1130 Printers Lane, Ed.B., University of Hawaii, 1936.

Soon, Dorothea Y., Kohala, Hawaii; 2525 Rooke Ave., B.A., University of Hawaii, 1936.

Sousa, Esther F., 1377 Lusitana St., B.A., University of Hawaii, 1933.

Standley, William H., Naval Ammunition Depot, Pearl Harbor, B.S., United States Naval Academy.

St. Denis, Manley, 441 Pau St., B.S., Massachusetts Institute of Tech., 1932.

Steffee, Elizabeth V., Kissimmee, Fla.; Aiea, Oahu, B.S., Florida State College for Women, 1932.


Storey, William B., 1653-B Liholiho St., B.S., University of Hawaii, 1935.

Strickler, Helen M., 814 Green St., A.B., Wilson College, 1913.

Suga, Hajime, 516-B Capt. Cook Ave., Ed.B., University of Hawaii, 1933.

Suggett, Charles, 612-O Weaver Lane, B.A., University of California, 1923.

Sugimura, Doris S., Box 27, Haina, Hawaii; 701 S. King St., B.S., University of Hawaii, 1933.

Sullivan, Alice V., 461-81 St., Brooklyn, N. Y.; Fernhurst, B.A., Louisiana State University, 1935; M.A., Columbia University, 1937.

Sunn, Mrs. Mabel L., 1301 Alewa Dr., B.A., University of Hawaii, 1937.

Swanson, Myrtle L., Troy, Mont.; 2244 Aloha Dr., B.A., University of Washington, 1926.

Tachera, Rita C., 2457 Puunui Ave., Ed.B., University of Hawaii, 1936.

Taira, Yoshiro, 1914-D Bingham St., B.A., University of Hawaii, 1937.

Takakawa, Judith Y., 1820 Naio St., Ed.B., University of Hawaii, 1936.

Takenaka, Mrs. Thelma O., 1238-D Long Lane, B.A., University of Hawaii, 1935.

Tam, Lin Ung, 2419 Rooke Ave., Ed.B., University of Hawaii, 1932.

Tan, Edison B. K., 1508 Keaumoku St., B.A., University of Hawaii, 1938.

Tavares, Edna R., Box 6, Paia, Maui; 1657 Liholiho St., B.A., University of Hawaii, 1937.


Thornton, Jane, Pocahontas, Iowa; Beach Walk Inn, B.A., Iowa State University 1915.

Tinker, Mary B., 2032 Makiki St., A.B., Whitney College, 1915.

Tom, Edna, 2131 Date St., Ed.B., University of Hawaii, 1933.

Trice, Katherine S., 50 Bates St., M.A., University of Texas, 1936.

Tyaus, Doris C., 2344 Makanani Dr., Ed.B., University of Hawaii, 1936.

Van Buskirk, Mrs. Garnet E., Kalakaua School, B.S., Kirkville Teachers College, 1923.

Vanderwall, Johanna, 412 Kapili St., Ed.B., University of Hawaii, 1938.
Von, Frances M. K., 1742 Fort St., Ed.B., University of Hawaii, 1934.
Wakefield, Elizabeth S., 1641 S. Beretania St., B.A., Hiram College, 1925.
Wardell, Louise A., 6102 Citrus Ave., Los Angeles, Calif.; Palama Settlement, B.S., University of Southern California, 1936.
Warner, Bernice, 203 Saratoga Rd., B.S., University of Chicago, 1921.
Warren, Lawrence F., Wahiawa, Oahu, B.A., College of Idaho, 1924.
Watanabe, Ernest, 4141 Waialae Rd., B.S., University of Hawaii, 1934.
Welch, James E., 337 Grand Blvd., San Mateo, Calif.; 2159 Ala Wai Blvd., B.S., University of California, 1934; M.S., University of California, 1935.
Westly, Mrs. Ella T., 2710 Manoa Rd., Ed.B., University of Hawaii, 1938.
Wiig, Jon, 2876 Komaia Dr., LL.B., University of North Carolina.
Wilcox, Eleanor K., Box 2638, Honolulu, B.A., University of Hawaii, 1930.
Williams, Lorraine, 3201 Oahu Ave., B.A., University of Hawaii, 1937.
Wilson, Mary E., 11-2229 Kalia Rd., B.A., Vanderbilt University, 1929, M.A., Vanderbilt University, 1930.
Wirtz, Mrs. Margaret V., 4615 Aukai Ave., A.B., Vassar, 1937.
Wolfe, Don M., Palouse, Wash.; 1517 Wilder Ave., B.S., University of Idaho, 1934.
Won, Grace I., 2552 Rooke Ave., Ed.B., University of Hawaii, 1933.
Wong, Mrs. Ah Chow C., 240 N. School St., Ed.B., University of Hawaii, 1936.
Wong, Dorothy C., Box 1637, Honolulu, B.A., University of Hawaii, 1933.
Wong, Edward Y. F., 1908 Coyne St., B.S., St. John's University, 1937.
Wong, Hong Lin, Paia, Maui; 248-B Kaimuki Ave., B.S., University of Hawaii, 1934.
Wong, Mew Lee T., 32 Dimond Lane, B.Ed., University of Hawaii, 1934.
Woodhull, Deborah N. C., 103 Kealohilani Ave., B.A., University of Hawaii, 1927.
Woods, Amy L., 2463 Pacific Heights Rd., A.B., University of Southern California.
Woodward, Katherine E., 3736 Sierra Dr., B.A., Stanford University, 1932.
Wriston, Mildred G., Ayres St., North Brookfield, Mass.; 2048 Nuuanu Ave., B.S., Boston University, 1935.
Wun, En Yin, 2416 Puunui Ave., B.A., University of Hawaii, 1937.
Yap, Francis T. C., 3465 Waialae Ave., B.S., University of Hawaii, 1931.
Yap, Lily, 1590 Wilhelmina Rise, B.A., University of Hawaii, 1933.
Yee, Lizzie, 1152 9th Ave., B.A., University of Hawaii, 1933.
Yoshida, Momoye, 940 N. King St., B.A., University of Hawaii, 1936.
Yoshikami, Iwasahiro, 1229 8th Ave., M.A., Ryukoku University, Japan, 1935.
Yoshioka, Umeyo H., 834 8th Ave., B.S., University of Hawaii, 1933.
Young, Mrs. Ethel C., 1344 Moi Rd., B.A., University of Hawaii, 1936.
COLLEGE OF ARTS AND SCIENCES

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.


Ahuna, Augustine, 277, 117½ (IV Econ. & Bus.) 1459 Lusitana St.

Aitken, Robert B., 117, 56 (III Soc. Sci.) Box 2671, Honolulu.

Akamatsu, Kaoru, 119, 51 (II Econ. & Bus.) Box 565, Kealakekua, Hawaii; 2819 Waialae Rd.

Akana, Mrs. Thelma M., 75, 23 (III Soc. Sci.) 1602 Alewa Dr.

Aki, George K., 147, 60 (III Pre-Legal) Kaunakakai, Molokai; 2027 Dillingham Blvd.

Aluli, Nane A., 163, 82 (III Pre-Legal) 1610 Kamamalu Ave. (Withdrew)

Anderson, Marion G., 43, 17 (I Econ. & Bus.) 508 Wylie St.


Aoki, Daniel T., 35, 16 (I Soc. Sci.) Puunene, Maui; 1239 S. King St.

Aoki, Mitsu, 138, 56 (II Soc. Sci.) Box 74, Hawi, Hawaii; 2214 N. King St.

Aoki, Otomatsu, 328, 123 (I Soc. Sci.) 1441 Nuuanu St.

Aoki, Walter T., 90, 46 (II Lang., Lit. & Art) Box 123, Capt. Cook, Hawaii; 1820-G Waialoa St.

Aoyama, Masuo, 45, 14 (I Econ. & Bus.) 1312 Fort St.

Arakaki, Yasuo, 32, 14 (I Soc. Sci.) 2127-A Kamehameha IVth Rd.

Ariyoshi, Koji, 48, 17 (I Soc. Sci.) Pahala, Hawaii; 1820-G Waialoa St.

Asahina, Mae S., 36, 17 (I Soc. Sci.) 3904 Pahoa Ave.

Asakura, Benzo, 140, 77 (III Soc. Sci.) 1441 Nuuanu St.

Assayama, Sueo, 90, 45 (II Econ. & Bus.) Box 34, Kurtistown, Hawaii; 1429 Makiki St.

Au, Chew Hin, 143, 51 (II Soc. Sci.) 56 Cunha Lane No. 2.

Au, Elsie N. L., 97, 42 (II Econ. & Bus.) Box 921, Wahiawa, Oahu; 110 S. Kuakini St.

Au, Man Kwong, 35, 17 (I Econ. & Bus.) 60 Kukui Lane

Au, Rose H. N., 32, 16 (I Lang., Lit. & Art) 60 Kukui Lane


Ayer, Mason W., (47) 219, 81 (IV Soc. Sci.) 5924 Chabolyn Terrace, Oakland, Calif.; 1061 Kaili St.

Baehl, Frances R., (64) 142, 48 (IV Lang., Lit. & Art) Hickam Field


Barringer, Wilma H., 84, 42 (II Econ. & Bus.) 746 McCully St.

Barter, Elaine, (2) 63, 38 (II Lang. Lit. & Art) 2367 University Ave.

Baugh, S. Annette, 41, 16 (I Econ. & Bus.) 2036 Lanihuli Dr.

Bayne, Wendel D., 19, 8 (I Econ. & Bus.) 1118 2nd Ave.

Beppu, Tadao, 91, 51 (II Soc. Sci.) Kahului, Maui; 1239 S. King St.

Bingham, Edward L., (38) 34, 14 (II Soc. Sci.) Qtrs. 7, Fort Shafter
Bishop, A. Natalie, 83, 45 (II Lang., Lit. & Art) 2015 Makiki Round Top
Black, Jean Ann, 12, 8 (I Pre-Medical) 2237 Liliha St.
Black, Leland E. (61½) 181, 52 (IV Econ. & Bus.) Healdsburg, Calif.; Pleasanton Hotel
Block; Mrs. Dorothy H., (34) (II Soc. Sci.) 1032-A Ilima Dr.
Borden, Nancy E., 44, 16 (I Econ. & Bus.) 1354 Wilder Ave.
Bower, Barbara C., (15) 32, 14 (I Soc. Sci.) 2112 Damon St.
Boyce, Sterling L., (30) 2, 1 (II Soc. Sci.) 1214 22nd St., Des Moines, Iowa; Atherton House
Broadhurst, Mrs. Florence W., (90) (III Lang., Lit. & Art) 41 Monroe Pl., Bloomfield, N. J.; Niumalu Hotel
Brown, Langhern K., 82, 47 (II Econ. & Bus.) Box 703, Hilo, Hawaii; Atherton House
Browne, Muriel A., 76, 44 (II Lang., Lit. & Art) 3145 Huelani Dr.
Bustard, John W., 129, 50 (II Econ. & Bus.) 2151 Atherton Rd.
Buto, Junichi, 141, 53 (II Econ. & Bus.) 512 N. King St.
Cantrelle, Ferne P., 23, 16 (I Lang., Lit. & Art) 5265 Kalanianaole Highway; Box 3111, Honolulu
Carey, James W., 214, 87 (III Soc. Sci.) 2406 Rose St.
Chang, Dei Jing, 237, 93 (III Pre-Medical) 2353 Ala Wai Blvd.
Chang, Peter H. Jr., (III Soc. Sci.) Box 271, Hilo, Hawaii; Hawaii School of Religion
Chee, Hon Chung, 161, 83 (III Econ. & Bus.) 27 McGrew Lane
Chiang, George C., (73) (III Econ. & Bus.) 1507 S. Beretania St.
Chikasuye, Clesson Y., 154, 49 (II Econ. & Bus.) 4616 Sierra Dr.
Register of Students

Child, Harold L., 68, 18 (I Lang., Lit. & Art) Box 271, Wahiawa, Oahu; Atherton House
Chin, Clarence C. L., (68) 29, 19 (III Soc. Sci.) 1214 S. Beretania St.
Chinen, Jitsuzo, 59, 18 (I Soc. Sci.) 230 Puuhaole Rd.
Ching, Betty K. H., 109, 50 (II Soc. Sci.) 50 S. Vineyard St.
Ching, Daniel K. F., 160, 83 (III Econ. & Bus.) 520 Analu St.
Ching, Francis Y., 38, 17 (I Econ. & Bus.) 1428 Pilikoi St.
Ching, Jennie S. T., 314, 128 (IV Soc. Sci.) 320 Analu St.
Ching, Terence, (80) 38, 18 (III Soc. Sci.) 2258 Metcalf St.
Ching, Wah Chock, 161, 88 (III Econ. & Bus.) 1428 Pilikoi St.
Cho, Summer, 118, 50 (II Econ. & Bus.) Box 9, Holualoa, Hawaii; 1707 Anapuni St.
Chong, Reynold H. F., 69, 46 (II Econ. & Bus.) 723 Waiakamilo Rd.
Chong, Tyrus Fong, 88, 57 (III Econ. & Bus.) 960-C Eu Lane
Choy, Alice H. T., 14, 10 (I Econ. & Bus.) Pearl City, Oahu; 3561 Edna Ave.
Choy, Herbert Y. C., 327, 125 (IV Pre-Legal) 240 Madeira St.
Choy, Vernon A., 61, 32 (I Econ. & Bus.) 3032 Hinano St.
Chuck, Walter G., 59, 18 (I Econ. & Bus.) 942-B 8th Ave.
Chun, Wai Chee, 337, 124 (IV Lang., Lit. & Art) 1050 S. Beretania St.
Chun, Wallace I. S., 24, 10 (I Econ. & Bus.) 77 New Era Lane
Chung, Kayo R., 169, 78 (III Econ. & Bus.) 3243 Castle St.
Chung, Norman, 231, 90 (III Pre-Legal) 817 10th Ave.
Clark, Bernice W., 120, 68 (III Econ. & Bus.) 1530 Nehoa St.
Clarke, James C., 125, 51 (II Econ. & Bus.) 3717 Mamalahoa Rd.
Clewes, Maile A., 26, 12 (I Lang., Lit. & Art) 3502 Woodlawn Dr.
Cockburn, Katherin J., 296, 116 (IV Soc. Sci.) Waipahu, Oahu.
Cockett, Herbert, 58, 27 (I Lang., Lit. & Art) Wailuku, Maui; 1521 Evelyn St.
Collins, Mrs. Alona E., (48) 49, 17 (II Lang., Lit. & Art) 3477 Kahawalu Dr.
Conder, Malcolm W. E., 33, 15 (I Soc. Sci.) 2719 N. LaSalle St., Indianapolis, Ind.; Atherton House
Conklin, Rena N., 21, 13 (I Soc. Sci) Kahuku, Oahu; Women's Dormitory
Corey, Madeline B., (10½) 64, 18 (I Soc. Sci.) 724 Prospect Dr., Glendale, Calif.; 2289 Kamehameha Ave.
Cormack, Dora B., 84, 45 (II Econ. & Bus.) Waipahu, Oahu.
Correa, Mrs. Alice B., 303, 125 (IV Educ.) 1413 Dominis St.
Correa, Genevieve B., 160, 49 (II Lang., Lit. & Art) 1413 Dominis St.
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Crowell, Ruth M., 24, 13 (I Soc. Sci.) Box 167, Waimea, Kauai; 597 S. King St.
Damkroger, Ernest L., 22, 14 (I Econ. & Bus.) Kahului, Maui; Atherton House
Dang, Harold C., (51) 79, 48 (III Econ. & Bus.) Box 36, Paia, Maui; 51 Hialoa Lane
Dang, Vernon C., 89, 52 (II Soc. Sci.) Box 36, Paia, Maui; 51-A Hialoa Lane
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Desha, Major L., 26, 14 (I Econ. & Bus.) Box 613, Hilo, Hawaii; 1728 Kahuna St.
DeSilva, Joseph, 184, 102 (III Econ. & Bus.) 1726 Fernandez St.
Devereux, Pershing W., 153, 53 (II Pre-Legal) 1479 Thurston Ave.
Deverill, Edward G., 60, 32 (II Lang., Lit. & Art) Hanalei, Kauai; 2757 Puu-honua
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Dodge, Beverly A., (33) 71, 29 (III Lang., Lit. & Art) 2427-A Tusitala St. (Withdraw)
Domke, Fay V., (27) (II Econ. & Bus.) Sauk Center, Minn.; 1904 Vancouver Dr.
Donahue, Frank M., (35) 15, 7 (II Soc. Sci.) 2219 3rd St., Santa Monica, Calif.; 2259 Seaview Ave.
Duker, Fred V., 110, 61 (II Soc. Sci.) 2115 Damon St.
DuMontier, Rene G., 47, 17 (1 Soc. Sci.) 2060-A Makiki St.
Eleneki, Benedict, 96, 51 (II Econ. & Bus.) Hilo, Hawaii; 1521 Evelyn St.
Elliott, Jean M., 18, 9 (1 Lang., Lit. & Art) 2216 Hyde St.
Emmans, Rosamond M., 21, 12 (1 Lang., Lit. & Art) 2445 Kalakaua Ave.
Erickson, Ernest G., (63) 33, 17 (III Econ. & Bus.) 2501 Cherry St., Hoquiam, Wash.; 1611 Anapuni St.
Erickson, June B., 53, 17 (1 Soc. Sci.) 2469 Tusitala St.
Espinda, Alfred A. P., 285, 129 (IV Econ. & Bus.) 2115 Coyne St.
Espinda, Leonard M., 11, 5 (1 Econ. & Bus.) 2115 Coyne St.
Ewing, Mrs. Mary M., (83) 97, 37 (IV Educ.) 236 Liliuokalani St.
Faris, Ellsworth E., (1 Soc. Sci.) 1321 E. 56th St., Chicago, Ill.; Atherton House
Farrell, Mary Ellen. 28, 13 (1 Lang., Lit. & Art) 1221 S. King St.
Farrior, Mary H., (32) 40, 17 (II Pre-Medical) 2975 Park Rd.
Felch, Margaret H., (31) 16, 10 (II Lang., Lit. & Art) 734 18th Ave.
Feldwisch, Elizabeth L., 40, 16 (1 Lang., Lit. & Art) 2386 Liloa Rise
Ferrier, Mary A., 20, 10 (1 Soc. Sci.) Hotel Aurora, Aurora, Ill.; 1910 Manoa Rd.
Findeisen, Paul K. Jr., 129, 53 (II Econ. & Bus.) 2512 Waolani Ave.
Fisher, Dana B., 37, 15 (II Soc. Sci.) 11555 S. Figueroa, Los Angeles, Calif.; Atherton House
Fong, Harold K. W., (1 Econ. & Bus.) 1330 Kinau St.
Fong, Henry, 47, 20 (1 Econ. & Bus.) 2191 N. King St. (Withdraw)
Fong, Joseph H. C., 10, 8 (1 Econ. & Bus.) 1119-B Pawa Lane
Fraga, Mrs. Louise F., 17, 12 (1 Soc. Sci.) 1353 Lusitana St.
Franson, Marion G., 96, 48 (II Econ. & Bus.) 3320 Kahawalu Dr.
Franson, Reaka L., 235, 110 (IV Soc. Sci.) 3320 Kahawalu Dr.
Frink, Ima M., 32, 13 (1 Lang., Lit. & Art) Fort Armstrong
Fujii, Yukio, 9, 7 (1 Econ. & Bus.) Box 2, Aiea, Oahu
Fujikane, Masato H., 316, 119 (IV Econ. & Bus.) Box 4, Pepeekeo, Hawaii; 703 S. King St.
<table>
<thead>
<tr>
<th>Name</th>
<th>Age</th>
<th>Year</th>
<th>Department</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fujioka, Janet Y.</td>
<td>24</td>
<td>13</td>
<td>(I Econ. &amp; Bus.)</td>
<td>Box Y, Waialua, Oahu</td>
</tr>
<tr>
<td>Fujita, Fumiko</td>
<td>34</td>
<td>16</td>
<td>(I Soc. Sci.)</td>
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</tr>
<tr>
<td>Fujita, Minnie M.</td>
<td>178</td>
<td>83</td>
<td>(III Lang., Lit. &amp; Art)</td>
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</tr>
<tr>
<td>Furukawa, Yokichi</td>
<td>59</td>
<td>18</td>
<td>(I Lang., Lit. &amp; Art)</td>
<td>810 Gulick Ave.</td>
</tr>
<tr>
<td>Furuno, Kosaku</td>
<td>101</td>
<td>48</td>
<td>(II Lang., Lit. &amp; Art)</td>
<td>1518 Oliver St.</td>
</tr>
<tr>
<td>Gerner, Einar B.</td>
<td>156</td>
<td>80</td>
<td>(III Econ. &amp; Bus.)</td>
<td>Paia, Maui; 1904 Vancouver Dr.</td>
</tr>
<tr>
<td>Gonsalves, Mae Jean</td>
<td>22</td>
<td>13</td>
<td>(I Lang., Lit. &amp; Art)</td>
<td>3509 Alani Dr.</td>
</tr>
<tr>
<td>Goo, John Y. S.</td>
<td>94</td>
<td>39</td>
<td>(IV Lang., Lit. &amp; Art)</td>
<td>58 Mamane Lane</td>
</tr>
<tr>
<td>Goo, Tin Seong</td>
<td>238</td>
<td>91</td>
<td>(III Econ. &amp; Bus.)</td>
<td>1050 Noble Lane</td>
</tr>
<tr>
<td>Goo, Tin Seong</td>
<td>238</td>
<td>91</td>
<td>(III Econ. &amp; Bus.)</td>
<td>1050 Noble Lane</td>
</tr>
<tr>
<td>Goodrich, Walter R. Jr.</td>
<td>5</td>
<td>2</td>
<td>(I Soc. Sci.)</td>
<td>3022 Kalakaua Ave.</td>
</tr>
<tr>
<td>Goodwine, Ruth H.</td>
<td></td>
<td></td>
<td>(I Lang., Lit. &amp; Art)</td>
<td>c/o Capt. R. G. St. James, 21st Inf., Schofield Barracks</td>
</tr>
<tr>
<td>Greaney, Brooke M.</td>
<td>186</td>
<td>94</td>
<td>(IV Pre-Medical)</td>
<td>3844 Paki Ave.</td>
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<tr>
<td>Greig, James F.</td>
<td>140</td>
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<td>(II Econ. &amp; Bus.)</td>
<td>Aiea, Oahu</td>
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<td>Ha, Kui Soon Marion</td>
<td>31</td>
<td>17</td>
<td>(I Soc. Sci.)</td>
<td>Paia, Maui; Women's Dormitory</td>
</tr>
<tr>
<td>Haga, Michiko</td>
<td>89</td>
<td>44</td>
<td>(II Soc. Sci.)</td>
<td>322 Kukua St., Hilo, Hawaii; 1139 15th Ave.</td>
</tr>
<tr>
<td>Hagiha, Elizabeth K.</td>
<td>11</td>
<td>4</td>
<td>(I Lang., Lit. &amp; Art)</td>
<td>Hana, Maui; Women's Dormitory</td>
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<td>Hakoda, Konao</td>
<td>131</td>
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<td>Holualoa, Hawaii; 2022-F Young St.</td>
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<tr>
<td>Haley, Raymond R.</td>
<td>184</td>
<td>92</td>
<td>(III Econ. &amp; Bus.)</td>
<td>1670 Kewalo St.</td>
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<td>Hamaishi, Edward N.</td>
<td>219</td>
<td>112</td>
<td>(IV Econ. &amp; Bus.)</td>
<td>2147 Dole St.</td>
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<tr>
<td>Hamamura, Hiroshi</td>
<td>41</td>
<td>20</td>
<td>(I Nat. &amp; Phys. Sci.)</td>
<td>Anahola, Kauai; 226 N. Beretania</td>
</tr>
<tr>
<td>Hammond, Dorothy A.</td>
<td>58</td>
<td>30</td>
<td>(I Lang., Lit. &amp; Art)</td>
<td>1553 Palolo Ave.</td>
</tr>
<tr>
<td>Hanchett, E. Lani</td>
<td>35</td>
<td>19</td>
<td>(I Pre-Medical)</td>
<td>Kaunakakai, Molokai; Atherton House</td>
</tr>
<tr>
<td>Hanohano, Moses H.</td>
<td></td>
<td></td>
<td>(I Econ. &amp; Bus.)</td>
<td>2401 Kinoole St., Hilo, Hawaii; 1521 Evelyn St. (Withdrew)</td>
</tr>
<tr>
<td>Harada, Richard K.</td>
<td>173</td>
<td>81</td>
<td>(III Econ. &amp; Bus.)</td>
<td>530 Waipa Lane</td>
</tr>
<tr>
<td>Harano, Yoshio</td>
<td>31</td>
<td>11</td>
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<td>1471 S. King St.</td>
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<tr>
<td>Hardy, Barlow E.</td>
<td>90</td>
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<td>(II Soc. Sci.)</td>
<td>Kapaa, Kauai; 1641 Anapuni St.</td>
</tr>
<tr>
<td>Harper, Mae M.</td>
<td>60</td>
<td>145</td>
<td>(IV Soc. Sci.)</td>
<td>4750 Indiana Ave., Chicago, Ill.; 1909 Adolph St.</td>
</tr>
<tr>
<td>Hashimoto, Yoshio</td>
<td>107</td>
<td>52</td>
<td>(II Econ. &amp; Bus.)</td>
<td>2455 Huene St.</td>
</tr>
<tr>
<td>Hata, Yukiko</td>
<td>91</td>
<td>44</td>
<td>(II Soc. Sci.)</td>
<td>121 Kainihani, Hilo, Hawaii; Women's Dormitory</td>
</tr>
<tr>
<td>Hatch, William N.</td>
<td>82</td>
<td>48</td>
<td>(II Pre-Medical)</td>
<td>House C, Navy Yard, Pearl Harbor</td>
</tr>
<tr>
<td>Hayashi, Ichiro</td>
<td>30</td>
<td>14</td>
<td>(I Soc. Sci.)</td>
<td>Koolau, Kilauea, Kauai; 1239 S. King St.</td>
</tr>
<tr>
<td>Hayashi, Massao</td>
<td>26</td>
<td>17</td>
<td>(I Pre-Dental)</td>
<td>1255 Lunaililo St.</td>
</tr>
</tbody>
</table>
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Lai, Edwin J. H., 316, 118 (IV Econ. & Bus.) 1631 Fort St.
Lai, Kam Fook, 288, 116 (IV Econ. & Bus.) 32-B Leilehua Lane
Lai, Wallace, 184, 81 (III Econ. & Bus.) 1631 Fort St.
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Lee, Henry U. Y., (30) 144, 69 (III Econ. & Bus.) 1554 Liholiho St.
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Lee, Koon Wah, 240, 98 (III Soc. Sci.) 516-B Hiram Lane
Lee, Mae, 23, 13 (I Soc. Sci.) 1620 Kalauokalani Way
Leebrick, J. Paul Jr., (25) 57, 19 (II Econ. & Bus.) 2056 Kakela Dr.
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Leong, Ah Quon, 428, 123 (IV Soc. Sci.) 2323 Hoonanae St.
Leong, Dorothy L. T., 199, 78 (III Soc. Sci.) 1664 Kewalo St.
Leong, Edmund Y., 231, 112 (IV Econ. & Bus.) 1664 Kewalo St.
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Mabbot, Helen E., (32) 116, 46 (III Lang., Lit. & Art) 2426 Oahu Ave.
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Donagho, Walter R., 14, 9 (I Gen. Sci.) 961 Alewa Dr.
Doo, (Mrs.) Olive M., 152, 81 (III Home Econ.) 1030 S. Beretania St.
Dunn, Mary E., (27) 14, 12 (II Pre-Nurs.) Lahaina, Maui; 2457-B Prince Edward St.
Dunn, William E., (7) 104, 56 (II Pre-Medical) Lahaina, Maui; 2457-B Prince Edward St.
Emerson, Alice, 233, 87 (III Gen. Sci.) 1133 3rd Ave.
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Enomoto, Fujie, 123, 53 (II Home Econ.) Box 21, Pahala, Hawaii; 1448 Keaumoku St.
Esaki, Takaetsugi, 26, 13 (I Sug. Tech.) Anahola, Kauai; 226 N. Beretania St.
Evans, Robert H., 23, 14 (I Sug. Tech.) 843 Paahana St.
Fong, Conrad, 147, 80 (III Gen. Sci.) 584-F Circle Lane; 1324 Artesian St.
Foster, John H., 64, 18 (I Civ. Eng.) 2508 Oahu Ave.
Foster, Luther M., 179, 58 (II Gen. Sci.) 1103 9th Ave.
Freitas, Lionel L., 44, 30 (I Gen. Sci.) 1815 Luso St.
Fujii, Pusae, 8, 8 (I Pre-Nurs.) c/o Hilo Memorial Hospital; Queen’s Hospital
Fukuda, George K., 245, 118 (IV Agric.) 20 Peleula Lane
Fukuda, Mitsuyoshi, 316, 131 (IV Voc. Ag.) 1942 S. King St.
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Funamori, Kimiyo, 90, 48 (II Home Econ.) 9 Mile Camp, Olua, Hawaii; 2115 Damon St.
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Goo, Peter, 35, 17 (I Agric.) 1086 Beretania St.
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Goto, Asakuma, 319, 126 (IV Voc. Ag.) Capt. Cook, Kona, Hawaii; 2022 Young St.
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Grossman, Harriet S., 16, 8 (III Pre-Nurs.) Queen’s Hospital
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Hayashi, James K., 366, 126 (IV Gen. Sci.) 918 Gulick Ave.
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Hee, Doris L. C., 22, 10 (I Home Econ.) 633 N. Vineyard St.
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Hee, Wai Kam, 172, 84 (III Home Econ.) 62 Kaulia St.
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Ho, Tim, 261, 129 (IV Civ. Eng.) 1444 Lunalilo St.
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Lau, Hing Chock, 320, 134 (IV Civ. Eng.) 1420-4 Keeaumoku St.
Lau, John L., 4, 3 (I Home Econ.) 82 N. Beretania St.
Lau, Norman T., (I Civ. Eng.) 28 Fung Yuen N. St., Canton, China; Atherton House
Lau, Rosamond K. L., 253, 95 (III Home Econ.) 2016-F Mapu Lane
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Leong, Ah Sum, 453, 138 (IV Civ. Eng.) 486 N. King St.
Leong, Eunice C. W., 137, 53 (II Home Econ.) 1930 Coyne St.
Leong, James T., (I Civ. Eng.) 1930 Coyne Ave.
Leu, Thomas M., 161, 81 (III Civ. Eng.) 377 Buckle Lane
Lindow, Rodman E., (24) 123, 60 (III Gen. Sci.) Fort Armstrong
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Loo, Florence C. H., 32, 14 (I Pre-Nurs.) 1516 Gulick Ave.
Loo, Franklin S. C., 234, 128 (IV Voc. Ag.) 1709-F Iliiahi St.
Loo, Frederick S. W., 200, 58 (II Voc. Ag.) 1709-F Iliiahi St.
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Lum, Hung Wah, 30, 17 (I Pre-Medical) 1054 Kinau St.
Lum, Kam Chin, 30, 15 (I Home Econ.) 1709-E Iliahi St.
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Makino, Hideo, 133, 57 (II Agric.) 931 Coolidge St.
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Matsuura, Minoru, 248, 119 (IV Agric.) Kahuku, Oahu; 947 Jo Lane
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Ogura, Yoshio, 77, 43 (II Gen. Sci.) 1463 Fort St.
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Furtado, Phoebe K., 322, 117 (IV) Lahaina, Maui; 1220 Farrington St.
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Hisatake, Robert C., (I) Paahau, Hawaii; 1904 Vancouver Dr. (Withdrawn)
<table>
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<tr>
<th>Name</th>
<th>Class</th>
<th>Room</th>
<th>Street Address</th>
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<tbody>
<tr>
<td>Ho, Florence A. K.</td>
<td>227</td>
<td>60</td>
<td>Hanalei, Kauai; 1918 University Ave.</td>
</tr>
<tr>
<td>Hokada, Kinuko</td>
<td>18</td>
<td>185</td>
<td>Waimea, Kauai; 2327 Liloa Rise</td>
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<tr>
<td>Honda, Tomiko</td>
<td>88</td>
<td>1727</td>
<td>Nuuanu Ave.</td>
</tr>
<tr>
<td>Hong, Blanche A.</td>
<td>122</td>
<td>10</td>
<td>Iliahi St.</td>
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<tr>
<td>Hong, Edith K. S.</td>
<td>130</td>
<td>79</td>
<td>Hilo, Hawaii; 555 Tenth Ave.</td>
</tr>
<tr>
<td>Honnaka, Gertrude Y.</td>
<td>18</td>
<td>1322</td>
<td>Kealia Dr.</td>
</tr>
<tr>
<td>Horii, Natsuko</td>
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<tr>
<td>Horswill, Eleanor L.</td>
<td>2546</td>
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<tr>
<td>Horta, Chiyoko</td>
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<tr>
<td>Hu, Violet B. J.</td>
<td>26</td>
<td>5</td>
<td>Cunha Lane No. 5</td>
</tr>
<tr>
<td>Humphries, Leonard L.</td>
<td>33</td>
<td></td>
<td>Box 33, Hakalau, Hawaii; 2130 Haena Dr.</td>
</tr>
<tr>
<td>Ichinose, Mrs.</td>
<td>791</td>
<td></td>
<td>Fourth Ave.</td>
</tr>
<tr>
<td>Ichinose, Katsue Y.</td>
<td>1319</td>
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<td>Emma St.</td>
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<tr>
<td>Ikeda, Kazuo</td>
<td>136</td>
<td>53</td>
<td>Puunene, Maui; Atherton House</td>
</tr>
<tr>
<td>Ikekara, Gaso</td>
<td>17</td>
<td>1</td>
<td>Kalaheo, Hawaii; Hawaii School of Religion</td>
</tr>
<tr>
<td>Imai, Janet K.</td>
<td>354</td>
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<td>N. Vineyard St.</td>
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<tr>
<td>Inada, Helen M.</td>
<td>61</td>
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<tr>
<td>Inamine, Shizue L.</td>
<td>314</td>
<td>1163</td>
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<tr>
<td>Ing, Elizabeth Y. S.</td>
<td>255</td>
<td>1136</td>
<td>Eighth Ave.</td>
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<tr>
<td>Ing, Grace F. L.</td>
<td>267</td>
<td>1002</td>
<td>Eighth Ave.</td>
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<td>Ing, Mary C.</td>
<td>296</td>
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<td>Eighth Ave.</td>
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<td>Ing, William Y.</td>
<td>282</td>
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<td>Self Lane</td>
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<td>Inn, Agnes M. S.</td>
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<td>Irwin, Mrs. Maude E.</td>
<td>185</td>
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<td>Kilauea Ave.</td>
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<tr>
<td>Iizutsu, Thelma M.</td>
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<td>740</td>
<td>Ninth Ave.</td>
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<td>Jensen, Mamie K.</td>
<td>146</td>
<td>1596</td>
<td>Laulani St.</td>
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<td>Johnson, Mrs. Rosalind A.</td>
<td>332</td>
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<td>Kilauea Ave.</td>
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<td>Kaiama, Maidie K.</td>
<td>49</td>
<td>104</td>
<td>Coelho Way</td>
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<tr>
<td>Kam, Ethel Y. I.</td>
<td>117</td>
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<td>Ninth Ave.</td>
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<tr>
<td>Kam, Katherine C.</td>
<td>234</td>
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<td>Wilder Ave.</td>
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<tr>
<td>Kamakawi, Lei D.</td>
<td>298</td>
<td>80</td>
<td>Kinau Lane, Hilo, Hawaii; 597 S. King St.</td>
</tr>
<tr>
<td>Kamakau, Cornelia K.</td>
<td>3424</td>
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<td>Kaimuki Ave.</td>
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<tr>
<td>Kameda, Gladys H.</td>
<td>320</td>
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<td>Cunha Lane No. 5</td>
</tr>
<tr>
<td>Kameda, Toshio</td>
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<td>Waialua, Oahu; 915 Belser St.</td>
</tr>
<tr>
<td>Kamida, Nobuki</td>
<td>85</td>
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<td>Box 85, Koloa, Kauai; c/o T. Kanashiro, 3188 E. Manoa Rd.</td>
</tr>
<tr>
<td>Kanaha, Harriet</td>
<td>2043</td>
<td></td>
<td>Dillingham Blvd.</td>
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<tr>
<td>Katashima, Shizue</td>
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<td>Katekaru, Ray T.</td>
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<td>Keahua, Maui; 2757 Puubonua St.</td>
</tr>
<tr>
<td>Kau, Bernard C. K.</td>
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<td>Kau, Mary E.</td>
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<tr>
<td>Kauka, Thelma K.</td>
<td>140</td>
<td>1822-I</td>
<td>Harley Lane</td>
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<tr>
<td>Kaulukukui, Thomas</td>
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<td>Bannister St.</td>
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<tr>
<td>Kawamura, Matsuyo</td>
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<td>Pua Lane</td>
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<tr>
<td>Kawano, Helen H.</td>
<td>373</td>
<td>35</td>
<td>Box 35, Pearl City, Oahu</td>
</tr>
<tr>
<td>Kesaji, Yasunobu</td>
<td>28</td>
<td>15</td>
<td>Paia, Maui; 1312 Keaumoku St.</td>
</tr>
</tbody>
</table>
Kim, Annie Y., 189, 78 (III) Box 231, Wahiawa, Oahu
Kim, Bong Soon, 101, 48 (II) 98 Ponohawai St., Hilo, Hawaii; 767-A N. Judd St.
Kimura, Take, 36, 17 (I) 846 Lukepane Ave.
Kishimoto, Teruyo, 59, 18 (I) Waihee, Maui; 3412 Hayden St.
Kiyonaga, Yoshio, 220, 92 (III) Kaunakakai, Molokai; 1917 S. Beretania St.
Kodama, Kimei, 40, 15 (I) Paia, Maui; 1727 Fort St.
Koga, Francis M., 287, 118 (IV) 1140-C Wilder Ave.
Kong, Richard T., 37, 18 (I) 1051 Kinau St.
Kurio, Mrs. Yuri S., (94) 83, 29 (IV) Wahiawa, Oahu
Kurokawa, Chizu Z., 306, 99 (III) Box 23, Papaikou, Hawaii; 2531 Ferdinand Ave.
Kuwaye, Chiyono, 45, 19 (I) Honokaa, Hawaii; 3571 Pahoa Ave.
Lau, Alice P. Y., 182, 84 (III) 3703 Harding Ave.
Lau, Frances F. C., 319, 97 (III) 1803 Bingham St.
Lau, Susan K., 191, 57 (II) 1216 Kinau St.
Lau, Thomas L., 231, 114 (IV) 1409 Iao Lane
Lau, Violet L. U., 287, 89 (III) 3286 Mokihana St.
Ledesma, Josefa D., 224, 114 (IV) Kekaha, Kauai; Sacred Hearts Academy
Lee, Alice W. H., 367, 130 (IV) 1904 Puowaina Dr.
Lee, Alice Y. C., 410, 131 (IV) 3765 Harding & 15th Ave.
Lee, Bok Hee, 206, 103 (III) 1622 Pohaku St.
Lee, Esther F., 320, 101 (III) 1098 S. Beretania St.
Lee, Eunice W. Y., 191, 86 (III) 62 Hiahoa St.
Lee, Gladys F., 284, 118 (IV) 3812 Noeau Ave.
Lee, Gladys Y. H., 199, 87 (III) 835 19th Ave.
Lee, James F. L., 153, 80 (III) 1228 16th Ave.
Lee, Jungie, 100, 51 (II) Box 95, Hawi, Hawaii; 1319 Emma St.
Lee, Maria, 46, 18 (I) Box 332, Waipahu, Oahu; 3442 Wela St.
Lee, F. Marvie, 322, 122 (IV) 1433 Kamehameha IV Rd.
Lee, Mary C. S., 33, 17 (I) 1660 Lusitana St.
Lee, Miyo Hee N., 272, 113 (IV) 1622 Pohaku St.
Lee, Surn Ock, 29, 16 (I) Box 453, Wahiawa, Oahu; 3160 Harding Ave.
Lee, Violet C., 282, 122 (IV) 2044 Kapulani St.
Lee, Won Tai, 38, 16 (I) 49 Kiluea Ave., Hilo, Hawaii; 1274 Hall St.
Leong, Ah Nee, 43, 18 (I) 2323 Hoononca St.
Leong, Clara, 34, 18 (I) 2058 S. Beretania St.
Leong, Edna, 404, 133 (IV) 1930 Coyne St.
Lim, Tai Hi, 232, 89 (III) Spreckelsville, Maui; 2757 Puuhoona St.
Littell, Mrs. Virginia S. (III) Iolani School
Liu, Beatrice Y. O., 300, 119 (IV) 1301 Lusitana St.
Liu, Mildred Y. P., 134, 55 (II) 1301 Lusitana St.
Liu, Wallace Y. T., 34, 18 (I) 2136 S. King St.
Liawai, Edna K. M., 267, 130 (IV) 1429 Dillingham Blvd.
Loehr, Frieda A., 222, 91 (III) 2521 Waolani Ave.
Longley, Peggy L., 190, 55 (II) Wahiawa, Oahu; 2065 Lanihuli Dr.
Loo, Adeline L., 234, 92½ (III) 903 Spencer St.
Loo, Beatrice K. L., (30) 160, 69 (IV) 1043 Kinau St.
Loo, Mabel N. K., 454, 130 (IV) Box 517, Hilo, Hawaii; 597 S. King St.
Loo, Ruth O. T., 467, 128 (IV) Box 517, Hilo, Hawaii; 597 S. King St.
Loo, Violet S. K., 158, 54 (II) 1440 Kinoole St. Extension, Hilo, Hawaii; 597 S. King St.

Lum, David N. J., 66, 35 (II) 2032 S. Beretania St.
Lum, Hazel C., 280, 128 (IV) 1445-E Kewalo St.
Lum, Henry K., 29, 13 (I) 1046 Auld Lane
Lum, Summie, 304, 128 (IV) 1445-E Kewalo St.
Lum, William C. W., 281, 90 (III) 1636 Palama St.
Lung, Rose C., 384, 128 (IV) 2322 Hoonanee St.
Lyu, Marion M., 156, 76 (III) Box 271, Hilo, Hawaii; 2618 Oahu Ave.

MacClean, Charles R., 189, 87 (III) 2070 Kalanianaole Ave., Hilo, Hawaii; 3440 Leahi Ave.
Maeda, Mae A., 286, 98 (III) 129 Boyd Lane
Mahi, Puarose, 287, 117 (IV) 1435-C Ula St.
Mahikoa, Luella A., 109, 51 (II) 1422 Wilhelmina Rise
Masuda, Tsuruyo, 355, 120 (IV) Kapaa, Kauai; 2132-A Waiola St.
Masumoto, Chieno P., 305, 131 (IV) 631 Tenth Ave.
Matsumura, May K., 37, 15 (I) Box 115, Waialua, Oahu; 916 Io Lane
Matsuoka, Katherine H., 34, 15 (I) Hana, Maui; 1339 Kaihee St.
Mau, William S., 178, 53 (II) 1634 S. King St.
Mckinney, Albert J., 340, 111 (IV) 2445 Huene St.
Medeiros, Edward W., 116, 51 (II) Box 77, Paia, Maui; 1339 Hanae St.
Medeiros, Phyllis, 293, 118 (IV) Box 243, Hamakuapoko, Maui; 1914 University Ave.
Merkel, Marie W., (104) 102, 31 (IV) 1016 Washington St., Wausau, Wis.; 2860 Uluwehi Way
Miles, Frances G., 324, 125 (IV) 943 16th Ave.
Minamoto, Kiyoko, 40, 18 (I) Captain Cook, Kona, Hawaii; 1239 S. King St.
Mirikiti, Percy K., 127, 57 (II) 1788 Ala Moana Rd.
Misumi, Toshiko, 144, 53 (II) 1555-J Palama St.
Miyahira, Yukiko, 48, 18 (I) Kapaa, Kauai; Mid-Pacific Institute
Miyajima, Tamae, 115, 49 (II) Wailuku, Maui; 2730 Pacific Heights Rd.
Miyake, Eleanor A., 324, 133 (IV) Box 213, Waialua, Oahu; 1886 Lusitana St.
Miyake, Francis T., 283, 128 (IV) Box 213, Waialua, Oahu
Miyamoto, Mildred, 269, 126 (IV) 25 Mamane Lane
Miyashiro, Anne S., 239, 89 (III) Box 336, Waipahu, Oahu
Miyashiro, Charles M., 25, 14 (I) Box 336, Waipahu, Oahu; 43 N. Kukui St.
Moore, Moehau M., (76) 132, 54 (IV) 1316 Matlock Ave.
Morimoto, Harue, 264, 88 (III) Box 43, Hilo, Hawaii; 597 S. King St.
University of Hawaii

Motoyama, Elsie C., 400, 130 (IV) 2632 Rooke Ave.
Mukai, Kazuo B., 415, 131 (IV) Box 177, Waialua, Oahu
Mukaida, Emi A., 47, 18 (I) Box 35, Kealakekua, Hawaii; 2631 Ferdinand Ave.
Muraoaka, Mitsuko, 252, 92 (III) Box 673, Lihue, Kauai; 2011 Bingham St.
Nahm, David S., 51, 18 (I) 3324 Kilaeua Ave.
Nakagami, Miyoko, 288, 121 (IV) 841-N Elm St.
Nakagawa, Florence M., 259, 86 (III) 910 Kapaakea Lane
Nakama, Helene Y., 222, 93 (III) 615-E S. Beretania St.
Nakama, Henry S., 40, 19 (I) 615-E S. Beretania St.
Nakama, Jeanette M., 172, 89 (III) 828 N. King St.
Nakamoto, Masayo, 54, 18 (I) Box 17, Wailuku, Maui; c/o Dr. G. Daifuku, 1516 Emma St.
Nakanishi, Mika, 147, 53 (II) 967 Akepo Lane
Nakano, Jane H., 320, 116 (IV) Box 141, Wahiawa, Oahu; 2132-A Waiola St.
Nakano, Shizuko, 33, 16 (I) Makaweli, Kauai; 1401 Lusitana St.
Nakashima, Clarence, 12, 10 (I) Paauhau, Hawaii; 14 Wood St.
Naone, Gladys K., 107, 65 (III) Kipahulu, Maui; Women's Dormitory
Nishikawa, Haruko, 372, 130 (IV) Heeia, Oahu; 4823 Matsonia Dr.
Nishimoto, Masato, 33, 16 (I) Makaweli, Kauai; 1401 Lusitana St.
Nishimura, Bert N., 28, 14 (I) 972 Akepo Lane
Ono, Tokuji, 183, 57 (II) 508 Kaiwiula St.
O'Rourke, Mrs. Winifred T., 311, 118 (IV) 772 Paani St.
Osmanski, John E., 38 (III) 701 Schofield Barracks, Oahu
Osuka, Eiko, 159, 54 (II) Box 134, Kapaa, Kauai; 1203 Rycoft St.
Pedro, Thomas M., 26, 12 (I) Box 451, Hilo, Hawaii; 584-E Lauhala St.
Peralta, Mrs. Virginia J., 20 (IV) 296, 97 (IV) 859 20th Ave.
Perry, Caroline K., 292, 130 (IV) 1005 S. Queen St.
Phillips, Rosalind K., 255, 115 (IV) Box 435, Hana, Maui; Women's Dormitory
Quinto, Dolores L., 179, 73 (III) Ewa, Oahu; 597 So. King St.
Rockford, Antoinette, 368, 124 (IV) 2019 So. Beretania St.
Ross, Leona B., 133, 51 (II) 910 14th Ave.
Sakai, Etsuko, 33, 15 (I) Box 64, Wailuku, Maui; 1913 Young St.
Register of Students

Sakai, Hitoshi, 323, 114 (IV) Wailuku, Maui; 2445 Huene St.
Sakai, Margaret S., 242, 96 (III) Kohala, Hawaii; 73 New Era Lane
Santos, Flora, 303, 130 (IV) 1314 Kinau St.
Schulmeister, Josephine A., 33, 18 (I) 1827 Dillingham Blvd.
Seo, Irene I., 38, 17 (I) Kealakekua, Kona, Hawaii; 1578 Nuuanu St.
Seto, Mildred L., 262, 90 (III) 3923 Waialae Ave.
Shak, Lily D. H., 299, 118 (IV) Kapaa, Kauai; 1323 Gulick Ave.
Shapiro, Harvey L., 215, 80 (III) 3108 Manoa Rd.
Shimokawa, Michiko, 227, 90 (III) Kukiau, Hawaii; Mid-Pacific Institute
Shinoda, Shiho, (30) 301, 82 (IV) Box 246, Hilo, Hawaii; 597 S. King St.
Shon, Rachelle, 37, 18 (I) 1850 Puowaina Dr.
Sitro, Adeline C., 287, 130 (IV) Ewa, Oahu
Siu, Faith, 278, 121 (IV) 26 N. King St.
Smith, Iwalani F., 219, 88 (III) 1991 Makiki St.
Soong, Eleanor T., 295, 133 (IV) 1231 Matlock Ave.
Souza, Grace C., 32, 15 (I) Eleele, Kauai; 738 Palani St.
Spencer, Katherine, 107, 50 (II) 3834 Leahi Ave.
Spinola, Cornelius J., 112, 52 (II) Box 522, Hilo, Hawaii; 1164 Lunahilo St.
Stewart, Ellen N., 236, 93 (III) 821 15th Ave.
Stiles, Alice R., 50, 15 (I) 1072 Kiluaea Ave., Hilo, Hawaii; 2318 Seaview Ave.
Sue, Vera Y. K., 192, 88 (III) Kaneohe, Oahu
Suizo, Chester R., 14, 5 (I) Hana, Maui; 1926 Tenth Ave.
Sunn, Evelyn K. Y., 142, 52 (II) 1432 Kewalo St.
Suyama, Teruo, 45, 17 (I) 177-B S. School St.
Suzuki, Kiyoko, 289, 89 (III) 24 Muliwai Lane
Takahashi, Doris S., 122, 49 (II) Box 273, Lahaina, Maui; 1339 Seventh Ave.
Takahashi, Fred T., 34, 16 (I) 2752 Henry St.
Takaki, Michio, 191, 58 (II) Box 60, Kohala, Hawaii; 2757 Puubonua St.
Takeuchi, Kimie D., 327, 120 (IV) Papaaloa, Hawaii; 2132-A Waiola St.
Tam, Pina S. P., (1) 375, 135 (IV) 824 11th Ave.
Tam, Priscilla L. K., 37, 18 (I) Kapaa, Kauai; 2419 Rooke Ave.
Tanabe, Alice K., 37, 18 (I) R.F.D. 1, Kauma, Hilo, Hawaii; 38 Hialoa St.
Tanaka, Betty Y., 233, 89 (III) Box 282, Paia, Maui; 781 Pulehiana St.
Tanaka, Jane S., 248, 98 (III) 1130 Hassinger St.
Tanaka, Koto, 269, 88 (III) Box 74, Kealakekua, Hawaii; 2125 Roundtop
Taniguchi, Tokuso, 40, 15 (I) Box 188, Hilo, Hawaii; c/o Dr. Okamoto, 119 N. King St.
Tanioka, Mitsuko, 135, 50 (II) Kurtistown, Hawaii; 2346 Liloa Rise
Tenn, Thelma Y. L., 328, 130 (IV) Hawi, Hawaii; 1927 Coyne St.
Thom, Lillie S. H., 128, 54 (II) 1721 Ahuula St.
Tokioka, Kimiyo, 115, 52 (II) 1648 Kalakaua Ave.
Tom, Chow Loy, 52, 18 (I) 1095 S. Beretania St.
Tomiya, Yoshie, 44, 18 (I) Waimea, Kauai; 4723 Matsonia Dr.
Tong, Bessie Y., 267, 134 (IV) Wahiawa, Oahu
Tong, Ethel O. K., 15, 8 (I) Box 129, Hilo, Hawaii; U. S. Lighthouse Service, Sand Island, Pier 4
Tsukiyama, Naoko, 115, 51 (II) 1042 17th Ave.
Ung, Margaret Y. M., 225, 88 (III) 675 Hinano St., Hilo, Hawaii; 1856 Lili·ha St.
Vanderwall, Johanna, (70) 190, 60 (IV) 412 Kapili St.
Whitaker, Romaine, (61) 161, 69 (IV) August Ahrens School, Waipahu, Oahu

University of Hawaii

Wong, Beulah M. H., 115, 53 (II) 1709-0 Iliahi St.
Wong, Charlotte K. L., 416, 144 (IV) Hau, Hawaii; 1908 Coyne St.
Wong, Eleanor A., 330, 121 (IV) 1731-A Fort St.
Wong, Elizabeth K., 328, 135 (IV) Paia, Maui; 304-B Artesian St.
Wong, Miriam A., 35, 18 (I) 73 New Era Lane
Wong, Nancy K. S., 38, 18 (I) 321-J Pahala Lane
Wong, Ruth C., 278, 118 (IV) 3446 Waialae Ave.
Wong, Sau Chun, 376, 130 (IV) 717 20th Ave.
Wong, Sau Moi, 113, 54 (II) 1923 Coyne St.
Wong, Yin Wah N., 42, 17 (I) 521 Ihe St.
Wong-Leong, Josephine G., 26, 14 (I) 1230 Kahauiki St.
Wongwai, Katherine Y. H., 263, 127 (IV) 2048 S. Beretania Ave.
Wun, Violet T., 355, 127 (IV) 825 19th Ave.
Yabui, Kiyoshi, 101, 38 (II) Box 474, Lahaina, Maui; 2113 S. Beretania St.
Yamada, Frances H., 84, 51 (II) 1010 Kaheka Lane
Yamada, Yoshitsugu, 274, 89 (III) 148-A N. Beretania St.
Yamamoto, George S., 39, 16 (I) 1220 Hala Dr.
Yamamoto, Ruth S., 253, 127 (IV) 2565 Kuhio Ave.
Yamamura, Douglas S., 454, 132 (IV) Waiea, Maui; Royal Hawaiian Hotel
Yamane, Hatsune, 42, 18 (I) Kapaa, Kauai; 3337 Niolopua Dr.
Yamashiro, Ayako, 45, 16 (I) Box 96, Olaa, Hawaii; 1014 Kaheka Lane
Yamashita, Sadako, 32, 18 (I) Box 34, Kekaha, Kauai; 2501 Malama Place
Yamato, Masami Y., 315, 122 (IV) Paia, Maui; 1429 Makiki St.
Yanagi, Kenneth, 27, 16 (I) Box 93, Holualoa, Hawaii; 1004 Tenth Ave.
Yanagihara, Mineko, 276, 88 (III) Box 5, Hilo, Hawaii; 1914 Vancouver Dr.
Yang, Ella P. S., 307, 116 (IV) Box 178, Wahiawa, Oahu; 1229 15th Ave.
Yap, Dorothy M. S., 198, 86 (III) 1600 Kamamalu Ave.
Yap, Hazel, 248, 118 (IV) Waimanalo, Oahu; 1826 Palolo Ave.
Yap, Irene S. H., 273, 88 (III) 1504 Liholiho St.
Yasuda, Kimiko, 28, 15 (I) Kealakekua, Hawaii; 1239 S. King St.
Yee, Constance, 100, 50 (II) 233 S. Vineyard St.
Yee, Sau Tong, 116, 53 (II) 1641 Nuuanu St.
Yen, Bessie H. M., 275, 118 (IV) 740-A Eighth Ave.
Yim, Agnes N., 173, 53 (II) 1234 Matlock Ave.
Yim, Charlotte Y. L., 186, 52 (II) 804 16th Ave.
Yoshida, Harriet T., 200, 89 (III) 1902 Bingham St.
Yoshida, Mrs. Thelma T., 26, 14 (I) 3127 Charles St.
Yoshizawa, Hiroshi, 187, 53 (II) Spreckelsville, Maui; 2113 S. Beretania St.
Young, Amy Y. M., 176, 60 (II) 83 Judd St.
Young, Bernice Y. K., 126, 57 (II) 617 N. School St.
Young, Estelle P., 108, 48 (II) 2116 Ladd Lane, Luso St.
Young, Jessie L., 335, 126 (IV) Wahiawa, Oahu
Young, Lillie K., 270, 126 (IV) 858 Olokele Ave.
Young, Marilyn A. P., 105, 53 (II) 1759 Fort St.
Yue, Anita H., 386, 128 (IV) 2128 Bingham St.
Yutaka, Teruko, 33, 18 (I) Box 341, Lanai City, Lanai; 1938 Pala St.
Zane, Esther N. L., 261, 128 (IV) 822 Kapiolani Blvd.
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, Mrs. Elizabeth K., 1124-B Davenport St.
Adams, Minnie L. K., 1903 Liliha St.
Ah Nee, Ruth, 1107 20th Ave.
Ai, Frances Leong, 4103 Maunaloa Ave.
Ai, Alice C., 4224 Sierra Drive
Akana, Gretchen L., 74 Robinson Lane
Akau, Betsy P., Kailua, Oahu; 1210 Elizabeth Ave.
Aki, Kan Lau, 4276 Sierra Dr.
Akina, Mrs. Grace K., 931-C Hala Dr.
Akina, Rebecca, G., 4461 Sierra Dr.
Alama, Mrs. Emily L., 1031 Fourth Ave.
Alverson, James G., 3438 Niolopua Dr.
Amlau, Samuel K., 434 Damon Bldg.
Anahu, Meta P., 1914 Coyne St.
Anderson, Donald, 2764 Booth Rd.
Aping, Katharyn A., 1685 Kamohalii St.
Asahina, Virginia T., 3904 Paho Ave.
Au, Irene T. L. Y., 1308 Lusitana St.
Au Hoy, Norman T. C., 1520 Liliha St.
Avecilla, Mrs. Angeles M., San Jose Nueva Eieja, P.I.; 263 Mokauea St.
Ayres, Wallis H., Royal Hawaiian Hotel Staff
Badger, Hildla, 1233 Ninth Ave.
Baker, Esther, 803 11th Ave.
Baldwin, Benjamin H., Makaweli, Kauai; 2468 Prince Edward St.
Banks, R. Carol, 2128 Haena Dr.
Barbour, Celestine S., Box 62, Pearl City
Barboza, Pauline, 2608 Nihi St.
Barrere, Rosalind, 2002 Oahu Ave.
Bartlett, Dorothy, Upper Manoa Road
Bell, Mrs. Ella A. S., 803 20th Ave.
Betsui, Doris M., Waialua, Oahu; 957 Tenth Ave.
Braue, Mrs. Olive L., 2664 Kaipu St.
Brooks, Pearl W., 1030 S. King St.
Burr, Robert W., Ontario, Oregon; c/o Commissary Dept., Submarine Base,
Pearl Harbor
Burton, Phoebe D., 1621-D Keeauauoku St.
Cabrinha, Mrs. Isabelle, 705 Prospect St.
Camacho, Dorothy M., 1523 Artesian Way
Carey, Virginia, 1646 Kamohalii St.

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Register of Students

Carroll, John A., 822 Ocean View Dr.
Carter, Mrs. Beatrice F., 2125 Auli St.
Cass, John C., Monmouth, Iowa; Iolani School, Nuuanu and Judd Sts.
Chang, Mrs. Beatrice L., 762 19th Ave.
Chang, Mrs. Bernice S. C., 940 17th Ave.
Chang, Mrs. Lily L., 931 Fourth Ave.
Chang, William Y. O., 1490 Liliha St.
Cheyney, Paul D., 2924 Park St.
Chi, Mrs. Beatrice H., 1150 Kinau St.
Chi, Lily, 1150 Kinau St.
Ching, Annie L., 1317 Ninth Ave.
Ching, Esther L., 2648 Kalili Rd.
Ching, Harry Q. Y., 1237-B Pua Lane
Ching, Mary H., 2113 Bingham St.
Chinn, Abbie L., 1525 Farrington St.
Chock, Ah Moi, 3566 Harding Ave.
Chock, Annie W., 1419 16th Ave.
Chock, Eleanor A., 1515 Farrington St.
Chong, Gwendolyn, 356 Broad Lane
Chong, Kenneth, 2021 Ninth Ave.
Chong, Lydia T., 1258 16th Ave.
Chu, Moses, 1426 Young St.
Chun, Mrs. Aoe L., Wahiawa, Oahu
Chun, Myra H., 1453 Alencastry St.
Chun, Winifred O. F., 77-A Kahela Lane
Chung, Charlotte A. C., 1631 Liliha St.
Chung, James K. K., 803 Gulick Ave.
Chung, Kim Kew, 933-Rear Pilkoi St.
Chung, Yin Kyau, 2108 S. King St.
Clark, Albert W., Lanikai, Oahu
Clark, Lauretta P., 2036 McKinley St.
Clark, Albert W., Lanikai, Oahu
Cleaver, Winifred, Seminole, Okla.; Queen's Hospital
Combes, Hilda W., 10 West Ave., Albron, N. Y.; Pearl Harbor
Cooper, Annie M., 3370 Maunaloa Ave.
Coryell, Margaret F., 5096 Maunalani Circle
Costa, Clementine R., 3142 Hinano St.
Crowell, Joseph, Waimea, Kauai; 3654 Nuuanu Ave.
Cummingsmith, Anne, 821 17th Ave.
Davidson, Edgar L., Hana, Maui; 329 Jack Lane
Deinert, Elizabeth F., 1208 15th Ave.
De Silva, Barbara, 2601 N. School St.
Doty, Ruth B., 2378 Makanani Dr.
Douglas, Mrs. Jessie K., 1418 Victoria St.
Dow, Barbara A., 2858 Kahawai St.
Dung, Elizabeth S., 1712 Olona Lane
Dyson, Mrs. Margaret M., Ewa Plantation
Elliott, Rex R., 2216 Hyde St.
Farden, Bernard N., 711 Prospect St.
Faria, Mrs. Clothilda D., 1520 Liholiho St.
Fassoth, Mrs. Edna, Aiea, Oahu
Fernandes, Elizabeth V., 1731 Mikahaia Way
Fernandes, Joseph A., 1731 Mikahaia Way
Ferreira, Joseph T., Waiahole, Oahu
Fieldgrove, Sadie K., 1226 Eighth Ave.
Fo, Paul S., 865 Kapahulu Rd.
Follansbee, Mrs. Katherine E., 1127-B Ninth Ave.
Forrest, Edward J., 1649 S. Beretania St.
Forrest, Martha-Jean, 957 Kealaolou Ave.
Franco, Marion, 1326 Konia St.
Freedman, Morris N., Waialae Training School for Boys, Waialae, Oahu
Friedell, Lucie V., 2353 Lower Manoa Rd.
Furuya, Janet M., 1317 Pensacola St.
Gannon, Elizabeth, 2249 Manukai Ave.
Gavino, Carmen B., 2317 N. King St.
Gibson, Derald A., 1082 S. King St.
Godlove, George W., Marceline, Mo.; 2463 Koa Ave.
Gonsalves, John R., 1034 Fourth Ave.
Goodspeed, Grace J., 140-C Kailuani Ave.
Goto, Masaichi, Puako, Kawaihae, Hawaii; 2148 Dole St.
Graham, John L., 72nd B Squadron, Luke Field, Oahu
Gray, Robert A., 2248 Kalia Rd.
Guerreiro, Violet M., 1249 Tenth Ave.
Hamada, Mutsuo, 2133 Citron St.
Hardee, Jennie K., 1267 Kinau St.
Hartman, John M., Route 1, Longmont, Colorado; 1525-A Wilder Ave.
Hee, Hop, 62 Kauila St.
Hee, Kam Pong, 1621-G Keeaumoku St.
Hee, Rose K. S., 1234-F Emma Lane
Herbert, Ruth, 2508 Pacific Heights
Hermanson, Ella, 1444 Keeaumoku St.
Higaki, Misao, 2140 Dole St.
Hill, Mrs. Lois E., 2721 Koaniani Way
Hillmer, Grace, 1317 Pensacola
Hills, Wilton F., 1421-A Pensacola
Hiromoto, Earl K., 2328 Lime St.
Hiserman, Mrs. Nellie, 1634 Bingham St.
Hiu, Sidney, 35-C S. Kuakini St.
Ho, Elizabeth M., 1431 Kewalo St.
Hoe, Eleanor, 2130 Coyne St.
Holt, Mrs. Frances H., 847 17th Ave.
Holtberg, Myrtle H., Niumalu Hotel
Honea, Marian P., 1501 S. Beretania St.
Horrell, Carl O., 524 South St., Springfield, Oregon; Veterans General Hospital, Hawaiian Ordnance Depot
Humphrey, Mrs. Hazel K., 3726 Harding
Inaba, Masato, Makawao, Maui; c/o Lewers and Cooke, Ltd.
Inaina, Charlotte C., 3154 George St.
Ing, Mrs. Ella L., 1704-A Poki St.
Ing, George L., 1059 21st Ave.
Ing, Gilbert Y. H., 1709 Kalani St.
Iwamoto, Mrs. Ruth Y., 1034 19th Ave.
Iwanaga, Alice W., Lanikai, Oahu; 25 Mamane Lane
Jabulka, Victoria H., 403 Namahana St.
Janssen, Mrs. Frances P., 721 Spencer St.
Jinbo, Tamayo K., 1078 Kinai St.
Johnson, Evlyne F., 1507 Alapai
Johnson, Josephine, 1555-B Liholiho St.
Johnson, Rose K., 1041 12th Ave.
Jones, Harold L., 432-A Lewers Rd.
Jones, Mary Louise, 5103 Cuming St., Omaha, Neb.; Edgewater Beach Apts.
Judd, Mrs. Florence H., 2643 Makiki Heights Rd.
Kahua, Louisa M., 2120 Kahaha St.
Kalai, Edith K., 1742 Young St.
Kalapa, Mrs. Mabel P., 2317 Coyne St.
Kaleikau, Mina M., 3428 Kaaau St.
Kamada, Shizuyo, 1531 Gulick Ave.
Kanahele, Annie A., 123 Bates St.
Kaneko, Shigeo, 1471 S. King St.
Kaplan, Emily C., c/o National Guard Armory
Karpovich, Albert A., 17th Air Base Squadron, Luke Field
Karratti, Charlotte H., 817 Mokaua St.
Kealoha, Emma, 851 Judd St.
Keawe, Arthur, 1961 Puowaina Dr.
Kekahio, Lily N., 1367 Seventh Ave.
Kekapa, William K., 1217 Center St.
Kekauoha, James, 858 Olokele Ave.
Kenerick, Edith C., 2129 McKinley St.
Kimo, Agnes, 1535 Young St.
Kimura, Marjorie Y., 228 Namokueha St.
Kirschman, Marian, 2366 University Ave.
Kishi, George T., 317 Oili Rd.
Kovacs, Ernest D., 141 Andover St., Bridgeport, Conn.; 65th Service Squadron, Luke Field
Kufferath, Mrs. Alice K.A., 812 Ekele Ave.
Kuhns, Mrs. Bernice M., 1432 Emerson St.
Kulaniakia, Mrs. Mabel H., 1454-E McCandless Lane
Kurisaki, Mazie N., 1005 Hala Dr.
La Garde, Alice F., Fort Ruger
Larson, Ralph L., 2452-I Tusitala St.
Lau, Ah Kook, 919 Birch St.
Lau, Amy C., 2036 Bingham St.
Lau, Helen L., 925 14th Ave.
Lederer, Helen C., 3802 Pahoa Ave.
Lee, Mrs. Grace K.T., 1317 Artesian St.
Lee, Hilda C. L., 2136 S. King St.
Lee, Joseph U., 1037 Seventh Ave.
Lee, Mrs. Louise W., 455 Kalaimoku St.
Legros, Mrs. Adelaide K., 2022-B Young St.
Lindburg, Marvin W., Kailua, Oahu; Box 2742, Honolulu
Lindeman, Adele P., 158 Uluniu St.
Lindsey, Lehua B., 1820 Anapuni St.
Ling, Mrs. Annie, 1761 Lusitania
Ling, Elsie L., 2627 Rooke Ave.
Liwai, Moses, 1429 Dillingham Blvd.
Loffer, Mary C., 1095 Spencer St.
Lono, Mrs. Abbie K., 2554 Rooke Ave.
Loo, Sarah A., 3326 Hayden St.
Low, Mrs. Mary C., 2031 S. Beretania St.
Lum, Ah Lu, 1156 Davenport St.
Lum, Mabel W., 3502 Campbell Ave.
Lung, Mrs. Marion G., 2127 Coyne St.
Lyau, Rose L., 1101 Kamehameha IV Rd.
Lynch, Helen, Boylston, Massachusetts; Fernhurst
Mackintosh, Katherine, 1047 Ninth Ave.
MacMillan, Malcolm R., 2034-A Round Top Terrace
Makaha, Violet K., 2014 Kapulani St.
Marlowe, Madie B., Makiki Hotel
Matsubayashi, Yukie, 2020 Pacific Heights Rd.
Matsukawa, Tadashi, 1144-A Koko Head Ave.
Matsuoka, Mrs. Violet O., Wahiawa, Oahu
Matthews, Francis, No. 11, Dewey Court
McAlister, Chetwynd H., 911 18th Ave.
McAlister, Grace W., 911 18th Ave.
McCollum, Mrs. Elizabeth A., 640 Tenth Ave.
McDonald, Ethel R., 1331 Nehoa St.
McLean, Janet W., 270 Beach Walk
Menardi, Iva V., Ewa, Oahu
Merrick, Mrs. Helen E., 3853 Maunaloa Ave.
Miller, Adele O., 1221 14th Ave.
Mitchell, Ora Lee, 2065 Lanihuli Dr.
Miyake, Beatrice T., 2012 Bingham St.
Mock, Richard W., Wharton, Texas; Luke Field
Morris, Mrs. Mildred D., 767 Judd St.
Morse, Florence F., 1329 10th Ave.
Nakagawa, Louis Y., 525 No. Vineyard St.
Nakamoto, Yukino, 1106 Eighth Ave.
Nakamura, Edwin E., 2827 Waialae Ave.
Nakamura, Minoru, 1243 Kinau St.
Nelson, Mae E., U. S. Naval Hospital, Pearl Harbor
Nelson, Ora Lee, 1651 Pensacola St.
Newton, Eva A., 235 Kapiolani Ave.
Nobrega, Adeline F., 941 12th Ave.
Nobriga, Francis J., 3427 Pehu St.
Nunes, Mary S., 627 Tenth Ave.
Oda, Chiyoko H., 2455 Waolani Ave.
O'Dea, Katherine, 3027 Kalakaua Ave.
Okabe, Kikuyo, 2728 Huapala St.
Olds, M. Norman, 708 18th Ave.
Olson, Edna, 236 S. Fifth, Pocatello, Idaho; Na Pua Hotel
Pa, Mrs. Kuulei, 1416-D Lunalilo St.
Peacock, Mrs. Eleanor S., 2299 Makiki Round Top
Perry, Adrian H., 4511 Maycrest Ave., Los Angeles, Calif., B.O.Q. Patron I
F.A.B., Pearl Harbor
Pesely, Edward H., 2510 Que St., Sacramento, Calif.; Old Naval Station, Ala
Moana Rd.
Peters, Irene K.I., 2549 Rooke Ave.
Peterson, Walter J., 1615 St. Louis Dr.
Pinkerton, Marion C., 2552 Manoa Rd.
Poindeexter, Yvonne M., U.S.N. Radio Station, Wailupe, Oahu
Ponte, Cecilia, 620 Captain Cooke Ave.
Postl, Mabel, 3841 Pahoa Ave.
Pregil, Mary C., 2312 Kalihi St.
Preston, Mary B., 1046 Young St.
Price, Cyril J., 403 Olohana St.
Price, Mrs. Lucille, 403 Olohana St.
Quinn, Marian C., 405 S. Cherry St.; Marshfield, Wisconsin, 1839 Anapuni
Quon, Florence, 721 Tenth Ave.
Rath, Robert H., 2246 Seaview Ave.
Rawlins, Portia, 3011 Manoa Rd.
Reinecke, Mrs. Aiko T., 3571 Pahoa Ave.
Reppun, Eric C., 2890 Komaia Dr.
Robello, Mary B., 1727 Anapuni St.
Romani, Hope F., 316-A Seaside Ave.
Rose, Frank I., 821 Spencer St.
Rubin, Estelle Q., 1716 Hunnewell
Russell, Edith M., Fernhurst
Saclausa, Marcelina M., 2019 S. Beretania St.
Sagum, Roland F., 3008 Makini
Sassagawa, John Y., 1339 N. School St.
Scheid, Belle, 522 Captain Cook Ave.
Schremerhorn, Rose F., 721 Quarry St.
Schmidt, Emma E., 3750 Waialae Ave.
Seawell, Helen F., 2528 Olopu St.
Sen, Joseph S., 318 N. Kukui St.
Shim, Esther C., 1033 8th Ave.
Shimamura, Mrs. Joan C., 11 McGrew Lane
Shinoda, Clara H., 912 Pumehana St.
Silva, Evonne M., 1056 Alapai St.
Singlehurst, Katie G., 1629 Liboliho St.
Singleton, Mrs. Elma L., 2266 Pacific Heights
Coppard, Sister M. Henrietta, 702 Puuhale Rd.
Johnson, Sister Rita T., 1722 Dole St.
Puthoff, Sister Marie J., 50 La Belle St., Dayton, Ohio; St. Anthony's Convent, 702 Puuhale Rd.
Ryan, Sister Marie A., 702 Puuhale Rd.
Wittman, Sister Edna C., 1722 Dole St.
Sjodin, Robert F., 1471 Grant St., Bellingham, Washington; 9th Signal Detachment, Ft. Armstrong
Smelker, Robert T., 1521-B Wilder Ave.
Smith, Aileen, Pleasanton Hotel
Smith, Ronald Q., 3753 Sierra Dr.
Smoot, Christine K., 2490-A Koa Ave.
Soares, Richard A., Box 2957, Honolulu
Soon, Albert H., 2525 Rooke Ave.
Soper, Mrs. Genevieve W., 2322 Beckwith St.
Sosnowski, Mrs. Josephine, 3639 Crater Rd.
Sosnowski, Michael, 3639 Crater Rd.
Spalding, Hazel P., 2032 Makiki St.
Spencer, Amoc R.P., 2138 Bingham St.
Sproat, Hattie L., 3571 Harding Ave.
Stephenson, Luther, 4722 Troost Ave., Kansas City, Mo.; V.P. Squadron 10, Fleet Air Base, Pearl Harbor
Sueoka, Mrs. Toshiko I., 2249 Seaview Ave.
Sumida, Ellen, Box 146, Aiea, Oahu; 918 Ninth Ave.
Sumida, Tsutomu, Box 366, Hilo, Hawaii; c/o Mr. M. Morita, 922 Kaheka Lane
Suzuki, Henry Y., 1828 S. King St.
Tada, Winifred H., 1837 Fort St.
Takabuki, Suna I., 2425 Liko Lane
Tam, Helen K., 1118 McCully St.
Tam, Irene W., Box 41, Wahiawa, Oahu
Taylor, Dorothea L., 1034 Maunaihi Pl.
Taylor, George D., Augustine St., Rochester, N. Y.; M. P. Co., Hawaiian Dept., U. S. A., Fort Shafter
Thomas, Virginia R., 3449 Haydon St.
Thot, Dorothy M., 1918 University Ave.
Tokioka, Harue, 1755 Gulick Ave.
Tomlinson, Margaret S., 2350 Pacific Heights Rd.
Trainum, Helen, 779-A Lunalilo Terrace
Tseu, Elizabeth, 727 18th Ave.
Tyau, Beatrice K., Farmer's Rd., Kahala
Tyau, Bessie A., 1738 Lusitana St.
Tyau, Ellen T., Wahiawa, Oahu
Ucki, Agnes, 1423 Lauhala St.
Ung, Mrs. Anne S., The Deans, Waikiki
Uyeda, Lily S., 1537-B Young St.
Vanderhoof, Mildred A., Albemarle Park, Asheville, N.C.; 2626 Terrace Dr.
Voorhees, Landon, 2013 McKinley St.
Waiau, Mrs. Nalehua K., 2154 Aupuni St.
Walsh, Mrs. Mary D., 1343 Center St.
Ward, Mrs. Winifred, 1025 14th Ave.
Wat, Bo-Tong, 420 Mokaua St.
Watada, Yasu, 2617 Waolani Ave.
Watson, Louise W., 3483 Alohea Ave.
Wedemeyer, May A., Box 3, Waialua, Oahu
Welsh, Pearl H., 1524 Pensacola St.
Welty, Larri E., 2730 Pacific Heights
Wentworth-Rohr, Ivan, Lanikai, Oahu
Wescoatt, Wallace W., 740 11th Ave.
Westgate, Mae A., 1325 Center St.
Whigam, Lucy W., Ewa, Oahu
White, Helen P., 1027 Sixth Ave.
Wilder, William H., 1522 Nehoa St.
Wilkie, Edna B., 3318 Kaimuki Ave.
Willett, Elva F., 3022 Hinano St.
Williams, Mrs. Marjorie C., 2323 Ala Wai Blvd.
Williams, Olive, 4801 Kahala Ave.
Willis, Kay M., 3351 Marine Drive W, Vancouver, B. C.; No. 18 Edgewater Beach Apts.
Willman, Elizabeth J., 919 N. Washington St., Owosso, Michigan; 2468 Koa Ave.
Wilson, Maxine R., 2115-B Armstrong St.
Windrath, Amy O., 1128 17th Ave.
Wing, Winifred E., 4031 Black Point Rd.
Wong, Elizabeth C., 919 Ninth Ave.
Wong, Ella S., 1226 Ninth Ave.
Wong, Ethel Woo, 1051 Lolena St.
Wong, Henry K., 1024 Morris Lane
Wong, Mrs. Rose G.A., 1581 Miller St.
Wong, Sau Ki, 717 20th Ave.
Wong, Susan C., 1032 Koko Head Ave.
Wood, Nadine E., 743 18th Ave.
Worden, Alta M., 1651 Piikoi St.
Yamasaki, Mrs. Nobuko H., 1416-F Lunalilo St.
Yanazawa, Kisako H., 1327 15th Ave.
Yap, Mary L., 722 Ninth Ave.
Yawata, Mrs. Tsuneko, 1005 Second Ave.
Yee, Charlotte H., 1225 Tenth Ave.
Yee, Ping Kam, 1641 Nuuanu St.
Yim, Bessie, 1660 Palama St.
Yim, Sarah Ne, 1012 Belser St.
Yoshioka, Yone, Box 1332, Honolulu
Young, Agatha Ann C., Quarters 121, Schofield Barracks
Young, Mrs. Ah Mee L., 1019 Eighth Ave.
Young, Mrs. Dorothy W., Wahiswa, Oahu
Young, Elsie L., 404 Kalihi St.
Young, Mrs. Grace K., 3122 Lincoln Ave.
Young, Helen, 925 Hookipa Way
Young, Henry K. W., 2019 Bingham St.
Young, Mrs. Julia R., 1675 Mott-Smith Dr.
Young, Lydia C., 2019 Bingham St.
Young, Priscilla D., Quarters 121, Schofield Barracks
Young, Winifred K.S., 1759 Fort St.
Yuen, Kam U, 1134 Gulick Ave.
Zimmerman, Benton R., Rt. 5, Box 961, Modesto, Calif.; Tripler General Hos-

University of Hawaii
## YEAR FIGURES OF ENROLLMENT

(1937-1938)

Graduate Division, Candidates for Degrees 86

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<td>Seniors</td>
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<td>Juniors</td>
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<td>Sophomores</td>
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<td>Freshman</td>
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673

College of Applied Science:

| Seniors | 62 |
| Juniors | 100|
| Sophomores | 155|
| Freshmen | 245|

562

Teachers College:

| Seniors  | 133 |
| Juniors  | 77  |
| Sophomores | 88  |
| Freshmen  | 104 |

402 1637

Total Degree Candidates 1723
Graduate Division, Not Candidates for Degrees 307
Candidates Fifth Year Diploma, Teachers College 105
Unclassified Students* 375

2510

Duplicates† 32

2478

Students Not Working for Credit 248

TOTAL REGISTRATION 2726
Summer Session, 1937 1322

* 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.

† Seniors graduating in February entered Graduate Division or 5th Year in Teachers College.
## GEOGRAPHIC DISTRIBUTION

*(Summer Session and Non-Credit Students Not Included)*

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