

UNIVERSITY OF HAWAII

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UNIVERSITY OF HAWAII

BULLETIN

Volume 16

Number 9

JULY 1937

ADULT EDUCATION DIVISION

*Catalog of Afternoon, Evening
and Saturday Morning Courses Offering
University Credit*

1937-1938



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University of Hawaii

Adult Education Division

ADMINISTRATIVE STAFF

David L. Crawford, LL.D., President of the University
E. Ray Scott, Ph.D., Director
Etta R. Washburn, B.A., Associate Director
*Mabel D. Vernon, M.A., in charge of Visual Education
Bertha S. Wedemeyer, B.A., Secretary
Masao Miyamoto, Photographer

* On leave of absence, 1937-1938.

CALENDAR

1937-1938

1937

Sept. 13-18	Registration, extension students rural Oahu and other islands (see page 11)	Mon.-Sat.
Sept. 13-18	Instruction, extension courses begins	Mon.-Sat.
Sept. 27-Oct. 2	Registration, part-time resident students at hours announced on page 11)	Mon.-Sat.
Sept. 27	Instruction, campus courses begins	Monday
Nov. 11	Armistice Day	Thursday
Nov. 25-27	Thanksgiving Recess	Thurs.-Sat.
Dec. 18	Christmas Recess begins at noon	Saturday

1938

Jan. 3	Work resumed, campus courses	Monday
Feb. 7-12	Mid-year examinations, campus courses	Mon.-Sat.
Feb. 14-19	Registration, extension students	Mon.-Sat.
Feb. 14-19	Instruction, extension courses begins	Mon.-Sat.
Feb. 18, 19, 21	Registration, part-time resident students	Fri., Sat., Mon.
Feb. 21	Instruction, campus courses begins	Monday
Feb. 22	Washington's Birthday	Tuesday
Apr. 15, 16	Easter Recess	Fri.-Sat.
June 13-18	Final examinations, campus courses	Mon.-Sat.
June 21	Twenty-seventh Annual Commencement	Tuesday
June 27	Summer Session begins	Monday

Advisers

The following advisers will be in their offices during registration week at the hours designated, to assist students in the planning of their programs and to approve their registration cards.

College of Arts and Sciences:

Dean William H. George, Room 116, Hawaii Hall

Mon.-Wed., 1-4 p.m.; Sat., 9 a.m.-12 m.; Mon., Tues., 7:15-9 p.m.

College of Applied Science:

Dean Arthur R. Keller, Room 104, Hawaii Hall

Mon.-Thurs., 1-4 p.m.; Mon., Tues., 7:15-9 p.m.; Sat., 8 a.m.-12 m.

Teachers College:

Dean Benjamin O. Wist, Room 121, Teachers College

Dean Wist will be in his office Monday to Friday, 1-4 p.m.; Saturday, 8 a.m.-12 m.; and on Mon., Tues., 7:30-9 p.m., room 112 Hawaii Hall, for consultations.

Dr. Thayne M. Livesay, Room 117, Hawaii Hall

(Adviser for those of Secondary School group who have earned 100 or more credits.) Mon.-Fri., 1-4 p.m.; Mon., Tues., 7:15-9 p.m.; Sat., 8 a.m.-12 m.

Graduate Division:

Dr. Paul S. Bachman, Room 118, Hawaii Hall

Tues., Thurs., 1-4 p.m.; Mon., Tues., 7:15-9 p.m.; Sat., 8:30 a.m.-12 m. All students who hold a bachelor's or advanced degree, whether desiring to enroll for undergraduate or graduate courses, should consult with Dr. Bachman.

Resident Instructing Staff

ROMANZO ADAMS, Ph.D., *Emeritus Professor of Sociology*

A.B., Univ. Michigan, 1897; M.A., Univ. Michigan, 1898; Ph.D., Univ. Chicago, 1904.

JOHN EARL AGUIAR, M.A., *Instructor in Romance Languages*

B.A., Univ. Calif. at Los Angeles, 1932; M.A., Univ. California (Berkeley), 1933; Graduate Study, Centro de Estudios Historicos, Madrid; Alliance Francaise, Paris, 1934-1935.

OSCAR NELSON ALLEN, Ph.D., *Associate Professor of Plant Pathology and Bacteriology*

B.A., Univ. Texas, 1927; M.A., Univ. Texas, 1927; Ph.D., Univ. Wisconsin, 1930.

FRED E. ARMSTRONG, M. S., *Associate Professor of Agricultural Education*

B.S., Clemson College, 1916; M.S., Univ. Minnesota, 1921; Graduate Study, Univ. Minnesota, 1932-1933.

MARJORIE E. BABCOCK, Ph.D., *Assistant Director, Psychological Clinic*

B.A., Wells College, 1919; M.A., Univ. Hawaii, 1927; Ph.D., Columbia Univ., 1932.

PAUL S. BACHMAN, Ph.D., *Professor of Political Science*

B.A., Ohio State Univ., 1922; M.A., Univ. Washington, 1924; Ph.D., Univ. Washington, 1927; Univ. Michigan, Summer, 1933.

- STANLEY S. BALLARD, Ph.D., *Assistant Professor of Physics***
 B.A., Pomona College, 1928; Graduate Study, Dartmouth College, 1928-1930;
 M.A., Univ. California, 1932; Ph.D., Univ. California, 1934; Research Fellow,
 Univ. California, 1934-1935.
- ARTHUR BEACH, B.S., *Lecturer in Physics***
 B.S., Rensselaer Polytechnic Institute, N. Y.
- JOHN H. BEAUMONT, Ph.D., *Horticulturist, Hawaii Agricultural Experiment Station***
 B.S., West Virginia Univ., 1917; Ph.D., Univ. Minnesota, 1925; Special Research, Univ. Chicago, 1920; Cornell Univ., 1921-1922.
- LA VERNE M. BENNETT, M.A., *Instructor in Health and Physical Education***
 A.B., Fresno State College, 1934; M.A., Univ. California, 1936.
- EARL M. BILGER, Ph.D., *Associate Professor of Chemistry***
 B.S., Wesleyan Univ., 1920; M.A., Wesleyan Univ., 1921; Ph.D., Yale Univ., 1925; Graduate Study, Univ. Cincinnati, 1928-1929; Graduate Study, Cambridge Univ., England, 1935.
- LEONORA N. BILGER, Ph.D., *Professor of Chemistry***
 A.B., Univ. Cincinnati, 1913; M.A., Univ. Cincinnati, 1914; Sarah Berliner Fellowship of A.A.U.W. Chemical Research, Cambridge Univ., England, 1924-1925; Graduate Study, Cambridge Univ., England, 1935.
- EILEEN BLACKKEY, M.S.S., *Director of Social Work Training***
 B.A., Univ. Wisconsin, 1925; M.S.S., Smith College, 1930.
- ELIZABETH D. W. BROWN, Ph.D., *Instructor in Natural Science***
 B.A., Maryville College, 1905; M.A., Maryville College, 1911; B.A., Univ. Michigan, 1908; M.S., Univ. Michigan, 1909; Ph.D., Univ. Michigan, 1912; Biological Laboratory, Woods Hole; Cornell Univ., Yale Univ.
- WILLIAM T. BRYAN, Ph.D., *Assistant Professor of Education***
 M.A., Yale, 1936; Ph.D., Yale, 1937.
- LUCINDA N. BUKELEY, *Assistant in English***
 Cornish School, Seattle, Washington, 1935; William Tilly Phonetic Association, New York, 1936; New York Univ., 1936.
- DENZEL CARR, Ph.D., *Instructor in Romance Languages***
 Univ. Oklahoma; Kosciuszko Scholar, 1929-1932; Ph.M., Univ. Cracow, 1932; American Council of Learned Societies' Research Fellow, Sinologisch Instituut, Univ. Leiden, Holland, 1932-1933; Member of Polish Academy of Sciences; Polish Oriental Society; Romanization Committee of the International Institute of Intellectual Cooperation (League of Nations), Paris; Ph.D., Yale Univ., 1937.
- WALTER CARTER, Ph.D., *Entomologist, P.P.C.A. Experiment Station***
 B.S., Univ. Montana, 1923; M.S., Univ. Minnesota, 1924; Ph.D., Univ. Minnesota, 1928.
- ROYAL N. CHAPMAN, Ph.D., *Director, P.P.C.A. Experiment Station***
 B.A., Univ. Minnesota, 1914; M.A., Univ. Minnesota, 1915; Ph.D., Cornell Univ., 1917.
- WING TSIT CHAN, Ph.D., *Professor of Chinese Philosophy***
 B.A., Lingnan Univ., China, 1924; A.M., Harvard Univ., 1927; Ph.D., Harvard Univ., 1929.
- KENNETH K. T. CHEN, M.A., *Instructor in Chinese Language***
 B.A., Univ. Hawaii, 1931; M.A., Yenching Univ., China, 1934.
- THOMAS BLAKE CLARK, Ph.D., *Assistant Professor of English***
 A.B., Vanderbilt Univ., 1929; M.A., Vanderbilt Univ., 1930; Graduate Study, Univ. London, King's College, 1933-1934; Ph.D., Vanderbilt Univ., 1937.
- ADNA G. CLARKE, LL.B., COLONEL, U.S.A., (Retired), *Professor of Police Administration***
 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.

- JULIUS L. COLLINS, Ph.D.,** *Geneticist, P.P.C.A. Experiment Station*
B.S., Univ. California, 1918; Ph.D., Univ. California, 1923.
- MERVYN I. CONNER, D.D.S.,** *Lecturer in Dental Hygiene*
D.D.S., Univ. Southern California, 1932; Dental Director, Palama Settlement.
- J. J. DELPECH, C.P.A.,** *Lecturer in Accounting*
B.A., Stanford Univ., 1923; C.P.A., California State Board of Accountancy, 1927; Accountant in Charge, Henry Davis Audit Co., Honolulu.
- FRANK T. DILLINGHAM, M.A.,** *Professor of Chemistry and Sugar Technology*
B.S., Worcester Polytechnic Institute, 1901; M.A., Yale Univ., 1916; Fellow in Plant Nutrition, Univ. California, 1922-1923.
- J. LESLIE DUNSTAN, Ph.D.,** *Lecturer in Psychology of Religion*
B.S., Colby College, 1923; Ph.D., Teachers College, Columbia Univ., 1933.
- CHARLES H. EDMONDSON, Ph.D.,** *Professor of Zoology*
Ph.B., Univ. Iowa, 1908; M.S., Univ. Iowa, 1904; Ph.D., Univ. Iowa, 1906.
- WILLARD H. ELLER, Ph.D.,** *Associate Professor of Physics*
B.S., Univ. California, 1914; M.S., Univ. Washington, 1925; Ph.D., Univ. California, 1928.
- JESSIE SHAW FISHER, B.Ed.,** *Instructor in Education*
Teachers College, Columbia Univ., 1908-1910, 1911-1912; B.Ed., Univ. Hawaii, 1937.
- MAURINE FLINT, B.S.,** *Instructor in Household Science*
B.S., Utah State College, 1932.
- MAY K. GAY, M.A.,** *Instructor in Physical Education*
B.A., Univ. Hawaii, 1923; M.A., Columbia Univ., 1925.
- CYNTHIA B. GEISER, M.A.,** *Librarian, Teachers College Branch*
A.B., Western State College, Colorado, 1926; M.A., Univ. Hawaii, 1929.
- WILLIAM H. GEORGE, Ph.D.,** *Professor of History and Political Science and
Dean of the College of Arts and Sciences*
B.A., Harvard Univ., 1902; M.A., Princeton Univ., 1906; Ph.D., Harvard Univ., 1921; Graduate Study, Univ. Bordeaux.
- EUGENE GILL, B.S.,** *Instructor in Physical Education*
B.S., Oregon State College, 1925; Graduate Study, Univ. Oregon; Oregon State College.
- CHRISTOPHER J. HAMRE, Ph.D.,** *Associate Professor of Zoology*
B.A., St. Olaf College, 1923; M.S., Univ. Wisconsin, 1927; Ph.D., Univ. Wisconsin, 1930.
- FRITZ HART, Professor of Music**
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.
- FLORENCE HENDERSON, Ph.D.,** *Assistant Professor of English*
A.B., Univ. Denver, 1921; M.A., State Univ. Iowa, 1927; Ph.D., Univ. Wisconsin, 1935.
- LOUIS A. HENKE, M.S.,** *Professor of Agriculture*
B.S., Univ. Wisconsin, 1912; M.S., Univ. Wisconsin, 1923; Graduate Study, Univ. Wisconsin, 1929-1930.
- MARIA HOERMANN, B.A.,** *Assistant Professor of German Language*
Staatsexamen für Höhere Tochterschulen, Berlin, Germany, 1905; B.A., Univ. Hawaii, 1923.

- HAROLD J. HOFGLICH, Ph.D., *Assistant Professor in Economics and Business***
B.A., Univ. Oregon, 1925; Ph.D., Univ. California, 1933.
- FRED G. HOLAHAN, A.B., *Assistant in English***
A.B., Pennsylvania State College, Feb., 1937; Graduate work at Pennsylvania State College, 1937.
- ELVIN A. HOY, B.S., *Assistant Professor of Mathematics and Engineering***
B.S., Oregon State College, 1925; Graduate Study, Stanford Univ.; Oregon State College, 1925; Univ. California, 1928; Univ. Munich, Germany, 1933-1934.
- CHARLES H. HUNTER, Ph.D., *Assistant Professor of History***
B.A., Stanford Univ., 1927; M.A., Stanford Univ., 1928; Ph.D., Stanford Univ., 1935.
- STEPHEN B. JONES, Ph.D., *Instructor in Geography***
B.A., Univ. Washington, 1924; M.A., Harvard Univ., 1929; Ph.D., Harvard Univ., 1934.
- HENRY P. JUDD, B.A., *Professor of Hawaiian Language and History***
B.A., Yale Univ., 1901; Graduate Study, Auburn Seminary, 1903-1906.
- DOROTHY M. KAHANANUI, B.S., *Instructor in Music***
Diploma, Territorial Normal and Training School, 1913, 1927; Diploma, Univ. Extension Conservatory of Music, Chicago; Univ. Hawaii; B.S., New York Univ., 1931.
- FELIX M. KEESING, D.Litt., *Professor of Anthropology***
B.A., Univ. New Zealand, 1924; M.A., Univ. New Zealand, 1925; Yale Univ. 1928-1929; Univ. Chicago, 1929-1930; D.Litt., Univ. New Zealand, 1933; London School of Economics and Political Science, 1933-1934.
- RALPH S. KUYKENDALL, M.A., *Assistant Professor of History***
B.A., College of Pacific, 1910; M.A., Univ. California, 1918.
- SHAO CHANG LEE, M.A., *Professor of Chinese Language and History***
Graduate, Canton Christian College, China, 1911; Graduate, Tsing Hua College, Peiping, China, 1913; A.B., Yale Univ., 1917; M.A., Columbia Univ., 1918.
- ANDREW W. LIND, Ph.D., *Associate Professor of Sociology***
A.B., Univ. Washington, 1924; M.A., Univ. Washington, 1925; Ph.D., Univ. Chicago, 1931.
- THEODORE F. LINDEMAN, *Lecturer in Meteorology***
Georgetown Univ., 1925; Navy Meteorological School, 1925; Chief Aerographer, U.S.N.
- MAURICE B. LINFORD, Ph.D., *Pathologist, P.P.C.A. Experiment Station***
B.S., Utah Agricultural College, 1922; M.A., Utah Agricultural College, 1924; Ph.D., Univ. Wisconsin, 1927.
- WILLIAM B. LYMER, LL.B., *Lecturer in Law***
A.B., Amity College, 1901; LL.B., Harvard Law School, 1907.
- OSCAR C. MAGISTAD, Ph.D., *Director, Hawaii Agricultural Experiment Station***
B.S., Univ. Wisconsin, 1922; M.S., Univ. Wisconsin, 1923; Ph.D., Univ. Wisconsin, 1924.
- WILLIAM MCCARTNEY, M.A., *Instructor in English***
A.B., Univ. Colorado, 1927; M.A., Univ. Colorado, 1931; Graduate Study, Univ. Chicago, 1934-1935.
- KLAUS MEHNERT, Ph.D., *Assistant Professor of History***
M.A., Univ. California; Ph.D., Univ. Berlin, 1930.
- EVA METRAUX, *Instructor in Romance Languages***
Univ. Berlin, 1923-1924; Licence es Lettres, Univ. Lausanne, 1925; Director of Alliance Française, Tucuman, Argentina, 1928-1929.

- CAREY D. MILLER, M.S., *Professor of Foods and Nutrition*
A.B., Univ. California, 1917; M.S., Columbia Univ., 1922; Graduate Study, Yale Univ., 1928-1929.
- HOWARD MILLER, M.A., *Instructor in English*
A.B., Washington State College; M.A., Univ. of Southern California, 1936.
- CHARLES A. MOORE, Ph.D., *Assistant Professor of Philosophy*
B.A., Yale Univ., 1926; Ph.D., Yale Univ., 1932.
- BERTHA MUELLER, Ph.D., *Instructor in German*
B.A., Northwestern Univ., 1926; M.A., Univ. Wisconsin, 1929; Ph.D., Univ. Wisconsin, 1935.
- CHARLES H. NEIL, M.A., *Associate Professor of English*
B.A., Univ. South Carolina, 1903; M.A., Yale Univ., 1930.
- GORDON T. NIGHTINGALE, Ph.D., *Physiologist, P.P.C.A. Experiment Station*
B.S., Univ. New Hampshire, 1919; M.S., West Virginia Univ., 1921; Ph.D., Univ. Wisconsin, 1925.
- LAWRENCE NORRIE, M.A., *Lecturer in Education*
B.S., Springfield College, 1926; M.A., Columbia Univ., 1935. Director, Adult Education, Y.M.C.A., Honolulu.
- BEN NORRIS, B.A., *Instructor in Art*
B.A., Pomona College, 1931; Graduate Work, Harvard Univ., 1932; Institute d'Art et d'Archeologie, Sorbonne, 1932.
- HAROLD S. PALMER, Ph.D., *Professor of Geology*
B.A., Yale Univ., 1912; Ph.D., Yale Univ., 1923; Graduate Study, Univ. Vienna, 1926-1927.
- JOHN H. PAYNE, Ph.D., *Assistant Professor of Chemistry*
B.S., Butler Univ., 1927; M.A., Univ. Cincinnati, 1928; Ph.D., Univ. Cincinnati, 1930; Research Fellow, Univ. Munich, 1930-1931.
- IRVING O. PECKER, A.B., *Professor of Romance Languages*
A.B., Boston Univ., 1912; Alliance Française, Sorbonne; French Consul and Spanish Consul to the Hawaiian Islands; Officier de l'Instruction Publique; White Cross Spanish Order of Naval Merit; Chevalier de la Legion d'Honneur.
- JOHANNES RAHDER, D.Litt., *Visiting Professor of Oriental Studies*
B.A., Univ. Utrecht, 1920; Graduate Study, Univ. London, 1920, 1921; M.A., Univ. Utrecht; D.Litt., Univ. Utrecht, 1926. Professor of Japanese Language and Literature, Leiden Univ.
- JOHN E. REINECKE, Ph.D., *Instructor in Anthropology and Sociology*
A.B., Kansas State Teachers College, 1925; M.A., Univ. Hawaii, 1935; Ph.D., Yale Univ., 1937.
- LAURA V. SCHWARTZ, Ph.D., *Assistant Professor of English*
B.A., College of Pacific, 1920; M.A., Stanford Univ., 1921; Ph.D., Stanford Univ., 1924; Oxford Univ., 1932.
- R. RAY SCOTT, Ph.D., *Associate Professor of Education and Director of the Adult Education Division*
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., 1932.
- D. RANSOM SHERRETZ, M.A., *Lecturer in Police Administration*
B.Ed., S. Illinois Teachers College, 1926; M.A., Univ. Hawaii, 1932; Personnel Officer, Honolulu Police Department.
- MADORAH E. SMITH, Ph.D., *Assistant Professor of Education and Psychology*
B.A., Fargo College, 1907; Lenox College; Univ. Washington; M.A., Iowa State Univ., 1918; Ph.D., Iowa State Univ., 1925.

HAROLD ST. JOHN, Ph.D., *Professor of Botany*

A.B., Harvard Univ., 1914; A.M., Harvard Univ., 1915; Ph.D., Harvard Univ., 1917; Graduate Study, Sorbonne, 1919.

JESSE A. TANNER, Ph.D., *Assistant Professor of Education*

Diploma, North Dakota State Normal School, 1908; B.A., Univ. North Dakota, 1905; M.A., Univ. North Dakota, 1906; Univ. Chicago; Ph.D., Univ. Washington, 1929.

WILLIAM H. TAYLOR, Ph.D., *Assistant Professor of Economics*

B.A., Univ. British Columbia, 1928; Fellow, Univ. California, 1928-1930; Ph.D., Univ. California, 1935.

VERNE WALDO THOMPSON, B.Mus., *Lecturer in Music*

A.B., Pacific Union College, 1922; B.Mus., American Conservatory, Chicago, 1926. Studied under Kurt Wanleck, Louise Robyn, Josef Lhevinne, Tomford Harria. Graduate work under Arthur Olaf Anderson. Director, Punahou Music School.

ARNOLD E. TRUE, M.S., *Lecturer in Meteorology*

B.S., U.S. Naval Academy, 1921; M.S., Massachusetts Institute Technology, 1931. Aerological Officer, Fleet Air Base, Pearl Harbor.

YUKUO UYEHARA, B.A., *Instructor in Japanese Language*

B.A., Univ. Hawaii, 1931; Graduate Study, Univ. Hawaii, 1932; Waseda Univ., Tokyo, 1933.

RUTH D. WATERMAN, M.A., *Instructor in Physical Education*

B.S., Univ. Missouri, 1920; M.A., Columbia Univ., 1924.

BRUCE WHITE, Ph.D., *Assistant Professor of Education*

B.A., Willamette Univ., 1923; M.A., Univ. Washington, 1932; Ph.D., Univ. Washington, 1935.

BENJAMIN O. WIST, Ph.D., *Professor of Education*

B.A., Spokane College, 1910; M.A., Univ. Hawaii, 1924; Ph.D., Yale Univ., 1937.

ARTHUR E. WYMAN, B.S., *Associate Professor of Dramatic Art*

B.S., Dartmouth, 1911.

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 state universities bear to their states. It draws about one-half 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 has a fully accredited standing in 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.

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 non-academic units.

ADULT EDUCATION DIVISION

The Adult Education Division is comprised of credit and non-credit courses offered afternoons, evenings, and Saturday mornings, off-campus courses, correspondence courses, University lectures, radio education, visual education, and a play loan service.

The courses offered in the afternoon, evening, and on Saturdays are primarily for the benefit of adults who cannot attend at other times. Regular members of the University faculty and a few other instructors in special fields comprise the teaching staff. All Adult Education Division credit courses give full residence credit. They should not be confused with non-credit courses or off-campus credit courses, also offered by the Adult Education Division. While each regular credit course carries general university credit, the acceptability of such credit toward a degree, i.e., B.A., B.S., Ed.B., M.A., etc., depends on the policy and requirements of the particular college concerned or of the Committee on Graduate Study.

Extension courses offering university credit are given in class centers throughout the Territory.

It is the policy of the Adult Education Division to offer educational advantages not only to persons seeking a college degree, but to all classes of society, and to lend encouragement to every worthwhile program of adult education undertaken in the Territory in the interest of the public welfare. Non-credit courses, both on and off the campus, are announced from time to time. Any individual or group interested in this type of service may apply to the Director of the Adult Education Division.

Service clubs, women's clubs, teachers' organizations, schools and similar organizations may procure speakers for special occasions through the lecture service. By special arrangement, an entire series by one lecturer may be obtained. Lectures and entertainments of public interest are given throughout the year in Farrington Hall, and, whenever possible, such lectures are broadcast for the enjoyment of those in outlying districts.

Some courses offering university credit and short series of lectures on popular subjects are broadcast by radio for the benefit of those who cannot take advantage of the courses and lectures on the campus.

The visual education service assists teachers in the correct use of all types of visual aids and to distribute such material as films, film strips, glass slides, and stereographs to schools, churches, and other educational agencies throughout the Territory.

The play loan service assists schools and amateur theatrical groups in the selection of material suitable for school or community entertainment. Plays are lent free of charge for inspection purposes.

ADMISSION

Part-time students who take work for credit applicable to degrees are put into one of the following groups: (1) Unclassified students, (2) Graduate students, (3) Extension students. Students who enroll in courses which offer university credit, but who are not eligible for or not interested in earning such credit, are classified as (4) Special students and (5) Auditors.

ADMISSION OF UNCLASSIFIED STUDENTS

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

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

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

ADMISSION OF GRADUATE STUDENTS

For information concerning the admission of Graduate students see pages 50 and 75 of the regular University of Hawaii Catalog, 1937-1938, and the Catalog of Graduate Study.

ADMISSION OF EXTENSION STUDENTS

Rules on admission of Extension students in courses for credit off the campus are the same as those applicable to Unclassified students.

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

ADMISSION OF SPECIAL STUDENTS

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

ADMISSION OF AUDITORS

Auditors are persons who attend certain undergraduate courses as listeners. They do not participate in classroom discussion, are not expected to do work prescribed for Unclassified and Special students, and do not receive

credit. Persons desiring the privilege of attending classes as Auditors should apply to the Registrar at the time of registration. If the application is granted, the Auditor will be issued an auditor's card, which must be signed by the Director of the Adult Education Division. Auditors pay the regular course fees.

REGISTRATION DATES FOR COURSES ON THE CAMPUS

Part-time students of all classifications may register in Hawaii Hall from 1 to 4 p.m. September 27 to October 1, inclusive, from 7:15 to 9 p.m. September 27 and 28, and from 8 a.m. to noon Saturday, October 2.

Any part-time student enrolling in courses after 12 o'clock noon on October 2 must pay a *late registration fee of \$1.*

Instruction will begin Monday, September 27.

The University reserves the right to withdraw any course because of insufficient enrollment or for any other valid reason.

REGISTRATION FOR EXTENSION COURSES

Off-campus extension courses begin earlier in the fall and close earlier in the spring than do other university courses. This enables elementary and secondary school teachers enrolled in extension courses to close their university work when they close their school terms.

Registration will be conducted during the week September 13-18 by the instructor in charge at the time, day, and place indicated in published announcements.

The day set for registration is not in all cases the same day of the week as for class meetings throughout the semester.

The official semester covers 18 weeks. The work of the first semester must be completed by February 12, 1938, and the work of the second semester by June 18, 1938.

No registration for credit is permitted after the third meeting of any class.

TUITION AND FEES

Part-time students, including Unclassified, Graduate, Extension, Special students and Auditors, who take a program of fewer than 10 credit hours pay a tuition fee of \$5 a credit hour.

No refunds will be made after October 9 on campus courses or after October 2 on extension courses. Before these dates changes of schedule or withdrawals may be made without penalty or forfeiture.

All fees must be paid as part of registration. No registration card will be finally accepted until it is endorsed to show payment.

Laboratory and special course fees are stated in the description of courses.

COURSES OF STUDY

Courses numbered from 100 to 199 are designed for students of Freshman and Sophomore (i. e., lower division) standing. Those numbered from 200 to 299 are open to Junior and Senior (upper division) students and graduate students. Courses numbered 300 and above are open to graduate students only, except that specially qualified Seniors may be admitted upon consent of the instructor.

AGRICULTURE

300 RESEARCH WORK Henke and Agricultural Staff

Situated in a climate where out-of-doors experimental work can be carried on the year round, Hawaii affords ideal opportunities for research in tropical agriculture. First and second semesters. Hours and credits to be arranged.

ANTHROPOLOGY

265 PRIMITIVE SOCIETY Reinecke

An analysis of the social organization of so-called primitive peoples as revealed in modern anthropological writings; the contribution of the anthropologist toward understanding man as a social being. First semester, 2 credits. Th., 7:30-9.

300 ADVANCED READING AND RESEARCH Staff

Open to qualified students who procure the approval of the instructor. Hours and credits to be arranged.

350 SEMINAR IN ANTHROPOLOGY Keesing

A study of advanced problems in anthropology, open to Senior or graduate students by arrangement. First and second semesters, 2 credits each. Hours to be arranged.

400 THESIS RESEARCH Keesing

Graduate students engaged in the preparation of a thesis for the master's degree will register in this course. A total of 6 credits can be secured for thesis work. Hours to be arranged.

ART

177 POSTER MAKING Norris

The principles, color, lettering, and composition as they apply to poster making. This course is designed to aid teachers in supervising poster making in their schools. First semester, 1 credit. W. 3:30-5.

258-259 HISTORY OF EUROPEAN ART Norris

Survey course in the history of European painting, sculpture and architecture. The first semester will deal with the development of European art from its early sources to the year 1500. The second semester will complete the survey through modern art. This course will be open to students of Junior standing and to non-credit students as well. Lectures, lantern slides, and museum trips. First and second semesters, 1 credit each. M. 3:30-4:30.

263 APPLIED ART FOR THE SECONDARY SCHOOL YEARS Fisher

A course designed to provide the secondary school teacher with the technique of art instruction in the secondary school program. Attention is given to tools, materials, and processes of crafts. First semester, 2 credits. M. 3-5.

BIOLOGY

240 BIOLOGY Brown

A general course in elementary biology, designed especially for teachers in service, in which the fundamental biological principles underlying the organic world will be studied. 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 who have had Biology 236, 250, or 251. Laboratory fee \$1. First and second semesters, 4 credits each. T. F. 3-4:30.

BOTANY

161 PLANT GEOGRAPHY

St. John

A study of the distribution of plants throughout the world. The vegetation of forests, grasslands, deserts, tundra, mountains, and oceans, with special attention to origin, development, ecology, and economic importance. Fee \$2. Two hours of illustrated lectures a week. First semester, 2 credits. M. 4-5:30.

210 BOTANICAL SEMINAR

Staff

Presentation of seminar reports, reports upon research, or reviews of current botanical literature. Recommended for Juniors, Seniors, and graduates, and may be taken repeatedly. One recitation hour per week. First and second semesters, 1 credit each. F. 4:30.

300 BOTANICAL RESEARCH

Staff

Open to graduate students who show sufficient preparation and ability to carry on studies of an investigational nature. Laboratory fee \$1 a credit hour. Hours and credits to be arranged.

303 PLANT PATHOLOGY SEMINAR

Linford

The plan of this seminar is to review the present knowledge in selected fields of plant pathology. A topic will be selected which is agreeable to those interested. First semester, 1 credit. Hours to be arranged.

304 RESEARCH IN PLANT PATHOLOGY

Linford

Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor. Hours and credits to be arranged.

305 ABSORPTION AND MOVEMENT OF WATER IN PLANTS

Beaumont

A seminar dealing with the question of availability, absorption and movement of water in the plant, together with some effects of water on plant growth and development. First semester, 1 credit. Hours to be arranged.

307 THE SYNTHESIS OF ORGANIC MATERIALS

Nightingale

This course, conducted as a seminar, will be concerned with factors affecting the synthesis of organic materials, such as proteins, sugars, and starches. First semester, 1 credit. Hours to be arranged.

350 RESEARCH IN PLANT PHYSIOLOGY

Staff

Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor. First and second semesters. Hours and credits to be arranged.

351 PLANT PHYSIOLOGICAL LITERATURE

Staff

Required of students taking Botany 350. The aim of the course is to encourage exhaustive studies on certain topics of advanced Plant Physiology. First and second semesters. Hours and credits to be arranged.

400 THESIS RESEARCH

Staff

Graduate students engaged in the preparation of the master's thesis will register for this course. Hours and credits to be arranged.

BUSINESS

252-253 INTERMEDIATE ACCOUNTING

Delpech

This course duplicates the subject matter covered in Business 250-251. Organized primarily for part-time 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. First and second semesters, 3 credits each. T. Th. 7:30-9.

292 LAW OF CONTRACTS

Lymer

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 Law with a grade of C or consent of the instructor for students desiring credit. No prerequisite other than consent of instructor for non-credit students. First and second semesters, 2 credits each. M. 7:30-9.

CHEMISTRY

302 RESEARCH IN CHEMISTRY

L. N. Bilger

Open to qualified students in the Graduate School of Tropical Agriculture with permission of instructor. Hours and credits to be arranged.

310 SEMINAR: CHEMICAL AND PHYSICAL STUDIES IN BIOLOGICAL FIELDS

L. N. Bilger

Recent advances in physico-chemical, organo-chemical, and analytical problems in biological processes. Topics to be included are potentiometric measurements, radiations and chemical change, asymmetric molecular structures, chemical composition of biological substances, and spectro and X-ray methods of analysis. Prerequisite: one year of Physical Chemistry or special arrangement with instructor. 1 credit. Hours to be arranged.

313 ADVANCED PHYSICAL CHEMISTRY

L. N. Bilger

(Formerly 213.) A continuation of Chemistry 212. Open only to students who have completed Chemistry 212. Permission required before registration. Laboratory fee \$6 a semester. First and second semesters, 1 credit each. Hours to be arranged.

315 CHEMICAL LITERATURE

Dillingham, Bilger, and Payne

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, 216, and 217. First and second semesters, 1 credit to 3 credits each. Hours to be arranged.

316 ADVANCED QUANTITATIVE ANALYSIS

Dillingham

(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.

317 ADVANCED ORGANIC CHEMISTRY

Payne

(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. Hours to be arranged.

DENTAL HYGIENE

256 DENTAL CARIES

Connor

A consideration of the causation, progress, and sequelae of caries. Preventive measures. Composition, location, differentiation and causes of accretions, deposits, and stains found upon the teeth. Their harmful results and preventive measures. First semester, 2 credits. T. Th. 3:30.

ECONOMICS

310-311 SEMINAR IN INTERNATIONAL ECONOMICS AND TRADE

Taylor

First and second semesters, maximum of 3 credits each. Hours to be arranged.

315-316 SEMINAR IN FINANCE

Hoffich

First and second semesters, maximum of 3 credits each. Hours to be arranged.

400 THESIS RESEARCH

Staff

Hours and credits to be arranged.

EDUCATION

219 ADULT EDUCATION—THE ART OF DISCUSSION

Norrie

A practice course in the technique 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. 2 credits. T. 7:30-9.

259 CHILD PSYCHOLOGY**Smith**

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. 2 credits. M. 3:30-5.

260 STATISTICAL METHOD**White**

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. 2 credits. S. 10:30-12.

291 ADULT EDUCATION—AIMS AND PRINCIPLES**Scott**

A study of the movement, its significance for the times, and the problems of administration it raises. Attention will be given to the place of various local agencies in adult education. 2 credits. T. 3-4:30.

296 HISTORY OF EDUCATION IN HAWAII**Wist**

Education in primitive Hawaii, under missionary control, under monarchical control, development of private educational institutions and of higher educational facilities. First semester, 2 credits. Th. 3-4:30.

300 READING OR RESEARCH**Staff**

An opportunity is offered for qualified graduate students to work on research problems or do intensive reading in some field of education. Registration only after consultation with the staff members concerned. First or second semester, 1 to 3 credits. Hours to be arranged.

340 PHILOSOPHY OF EDUCATION**Bryan**

A re-examination of certain basic philosophic questions, the answers to which constitute the viewpoints which guide in the solution of problems of policy in education, followed by an attempt to construct a working theory of education—of administration, curriculum, method—which will serve best in a democracy. Registration by permission of the instructor. First or second semester, 3 credits. T. 3:30-5; Th. 3:30-4:30.

350 HISTORY OF EDUCATION**Tanner**

A survey of the development of educational thought and practice, from the time of the Greeks down to the present, with special attention to the origins of the influences responsible for the modern school systems. Registration only by permission of instructor. First or second semester, 3 credits. M. 3:30-5; W. 3:30-4:30.

376 SEMINAR IN VOCATIONAL EDUCATION**Armstrong**

Individual study of special problems in vocational education. Open only to fifth-year and graduate students. First or second semester, 2 credits. Hours to be arranged.

380 SEMINAR IN RESEARCH AND THESIS WRITING**Tanner**

This course, designed to assist graduate students in thesis preparation, will deal principally with research technique and thesis development. Registration only by permission of instructor. First semester, 2 credits. S. 8:30-10.

400 THESIS RESEARCH**Staff**

Graduate students engaged in the preparation of a master's thesis in education will register for this course. Hours and credits to be arranged.

ENGLISH**Speech****30 (g) SPEECH IMPROVEMENT****Bukeley**

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. 1 credit each semester. M. F. 2:30.

30 (N) T. Th. 2:30**Henderson****30 (o and p) Hours to be arranged****Henderson****30 (q) Hours to be arranged****Bukeley****246 PLAY DIRECTION****Wyman**

(Formerly English 166-167.) A course designed to give particular attention to stage presence, characterization, and pantomime. Material will be taken from standard modern plays and classics. Prerequisites: one year of experience in dramatics and permission of instructor. 3 credits each semester. T. Th. 3:30-5.

298 SPEECH CORRECTION**Henderson**

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. Prerequisite: English 297 or its equivalent. First semester, 2 credits. F. 3:30-5.

Composition**100 (h) COMPOSITION****Holahan**

The principles of exposition, description, and narration; analysis of illustrative specimens; frequent written exercises; individual conferences with instructor; occasional exercises in oral composition; collateral reading. Designed to lead not only to correctness of expression, but also to a knowledge of constructive principles. Either this course or English 102 is required of all Freshmen in the Colleges of Applied Science and Arts and Sciences. Collateral reading fee, \$1. First and second semesters, 3 credits each. T. Th. 7:30-8:45.

218 SCREEN WRITING**Miller**

This is a practice course based on actual studio procedure. The class will write stories, act as story and editorial board, make selection and carry through discussion, treatment, and shooting script. 3 credits. T. Th. 7:30-9.

Literature**150 ENGLISH LITERATURE****Clark**

A survey of English literature from Beowulf to Wells, with special attention to the development of the ideas that have helped shape our present ways of life. 2 credits. M. 7:30-9.

152 (b) GENERAL ENGLISH**Bryan**

This is the second of a two-year series of courses covering work in composition and literature as correlated subjects. Attention is given to the development of informational background, critical standards, personal appreciation, and consistent habit. Oral expression and other professional aspects receive emphasis. Prerequisite: English 104. First and second semesters, 3 credits each. M. W. F. 2:30.

282 THE AGE OF POPE AND JOHNSON**Clark**

The Age of Pope the first semester, the Age of Johnson the second semester. First and second semesters, 3 credits each. M. F. 3:30-4:45.

284 THE AGE OF WORDSWORTH**Neil**

3 credits each semester. T. Th. 3:30-4:45.

Professional Courses**294 LITERATURE OF THE ELEMENTARY SCHOOLS****McCartney**

A survey of literature suitable for children in grades one to six. Emphasis during the first semester is placed upon material for the primary years and during the second semester upon material for the upper elementary years. First and second semesters, 1 credit each. S. 10:30.

297 THE SOUNDS OF ENGLISH**Henderson**

Elementary phonetics, with emphasis on ear training and the production of English speech sounds. First semester, 2 credits. M., 3:30-5.

Graduate Courses**350 SEMINAR IN ENGLISH LITERATURE****Schwartz**

An introduction to the methods of independent study and research, applied to some special aspect of English literature. Either this seminar or the English 360 seminar is required of all master's candidates. Hours and credits to be arranged.

382 THE AGE OF POPE AND JOHNSON**Clark**

First and second semesters, 3 credits each. M. F. 3:30-4:45.

384 THE AGE OF WORDSWORTH**Neil**

First and second semesters, 3 credits each. T. Th. 3:30-4:45.

400 THESIS RESEARCH**Staff**

Hours and credits to be arranged.

ENTOMOLOGY

302 RESEARCH IN ENTOMOLOGY

Chapman, Carter

Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor. Hours and credits to be arranged.

350 INSECT ECOLOGY

Chapman

A review of autecology and synecology, with special emphasis upon recent advances. A critical review of the evidence on the effects of physical and biotic factors on insects and insect populations. Discussions and assigned readings. Experimental work to be arranged by the students individually. First semester, 2 credits. Hours to be arranged.

355 INSECT-TRANSMITTED DISEASES OF PLANTS

Carter

A lecture course during the first semester will develop the subject primarily from the viewpoint of the ecologist, with particular reference to the interrelationships between insect vector, disease, and host plant. During the second semester the course will be conducted as a current literature seminar, but students desiring laboratory experience will be afforded the opportunity to conduct problems. First semester, 1 credit; credits variable second semester. Hours to be arranged.

FRENCH

101 (b) NINETEENTH CENTURY FRENCH NOVEL

Metraux

Reading of selected masterpieces of Hugo, Daudet, Balzac, Sand, and others. Conversation, lectures, and essays. Prerequisite: one year of French in college or two years in preparatory school. First and second semesters, 3 credits each. T. Th. 3:30-5.

201 PHONETICS

Pecker

A study of French sounds. Required of those majoring in Romance languages. Conversation and diction. First and second semesters, 1 credit each. W. 3-4.

260 CONTEMPORARY FRENCH LITERATURE

Pecker

Individual research in the very latest French publications. Consent of instructor required. Hours and credits to be arranged.

GENETICS

300 SEMINAR IN GENETICS

Collins

The seminar will make a critical review of current, fundamental researches in the field of experimental genetics by means of reports upon assigned readings. Prerequisite: advanced study in genetics. First and second semesters, 2 credits each. Hours to be arranged.

302 RESEARCH IN GENETICS

Collins

Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor. Hours and credits to be arranged.

GEOGRAPHY

180 ELEMENTARY METEOROLOGY

Lindeman

The atmosphere and its constituents; the effect of pressure and temperature on weather; the formation of rain, clouds, fog, etc., conditions conducive to storms, showers, hurricanes, tornadoes, lightning, thunder, and mirages; climate and ocean currents; the weather map and the preparation of the weather forecast. First and second semesters, 2 credits each. M. 7:30-9.

280 ADVANCED METEOROLOGY

True

Insolation and radiation; general circulation of the atmosphere; vertical structure; air mass characteristics and movement; Norwegian School Polar Front Theory; structure and movement of pressure centers; tropical cyclones; formation of thunderstorms, fog, and rain; synoptic meteorology and forecasting. First and second semesters, 2 credits each. W. 7:30-9.

300 GEOGRAPHY SEMINAR

Jones

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

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

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

GEOLOGY

300 GEOLOGY SEMINAR Palmer
Special work in geology may be arranged for students capable of more advanced work. Registration only on consent of instructor. First or second semester. Hours and credits to be arranged.

GERMAN

100 (b) ELEMENTARY GERMAN Hoermann, Mueller
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. First and second semester, 3 credits each. M. W. F. 2:30.

100 (e) Same as 100 (b) Mueller
M. W. 7:30-8:45.

201 ADVANCED GERMAN Hoermann
In this course contemporary German literature is read. Composition is similar to that in German 200 (see general catalog). The course is conducted partly in German. First and second semesters, 3 credits each. T. Th. 3-4:30.

HAWAIIAN

250 GREAT LEADERS OF HAWAII Judd
A biographical approach to the study of Hawaiian history. First semester, 1 credit. T. 3-4.

HISTORY

252 CONSTITUTIONAL HISTORY OF THE UNITED STATES Hunter
The genesis, drafting, ratification, and development of the Federal Constitution. First semester, 3 credits. This course will be broadcast by radio. Students may register by mail and submit assigned work by mail. Facilities for hearing the broadcast lectures in a campus classroom will be available to students who want them. Afternoon; hour to be announced.

277 THE PACIFIC REGION IN MODERN TIMES Kuykendall
First contact of East and West; discovery and exploration; activities of traders and missionaries; development of European and American interest; origin of current problems. First semester, 3 credits. T. Th. 3:30-5.

310 SEMINAR IN HISTORICAL METHOD Hunter
Designed to give graduate students training in the evaluation of sources and the preparation of theses. Open to qualified Seniors and Unclassified students by consent of instructor. First semester, 2 credits. S. 10:30.

318 SEMINAR: RUSSIA IN THE FAR EAST Mehnert
First and second semesters, 2 credits each. Hours to be arranged.

327 SEMINAR IN HAWAIIAN HISTORY Kuykendall
A seminar course open only by permission of the instructor to graduate and Unclassified students. The course must be taken for both semesters. First and second semesters, 2 credits each. Hours to be arranged.

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

HOUSEHOLD SCIENCE

249-349 RESEARCH

Miller

Problems appropriate to preparation of student. Investigation of nutritional problems; animal and human feeding experiments. For Seniors and graduates. Laboratory fee, \$5 a semester. Hours and credits to be arranged.

252 FIELD PRACTICE IN HOUSEHOLD SCIENCE

Miller

During the Senior or graduate year students who have completed H. S. 200 may take field practice in cooperation with the Social Service Bureau, the Queen's Hospital or the Castle Kindergarten. Hours and credits to be arranged.

255 CAFETERIA PRACTICE

Flint

A study of problems relating to the organization and management of a school cafeteria. Practical training in menu-planning; preparation and serving of foods in large quantities; food buying; keeping simple accounts. Prerequisites: H. S. 102, 150. First and second semesters, 3 credits each. Hours to be arranged.

350 SEMINAR IN NUTRITION

Miller

The course includes a review of current literature of interest to students of nutrition. The major part of the work is the preparation of reports and reviews of articles, followed by group discussion. Prerequisite: qualified preparation in nutrition and physiological chemistry. Permission of instructor required. One meeting of 1 1/2 hours each week. First and second semesters, 1 credit each. Hours to be arranged.

400 THESIS RESEARCH

Staff

Hours and credits to be arranged.

LIBRARY SCIENCE

264 SCHOOL LIBRARY PRACTICE

Geiser

Students are assigned as assistants to school librarians in the public schools, thus providing an opportunity to participate in the actual work of the school library. First or second semester, 2 to 4 credits. Hours arranged.

268 CATALOGING AND CLASSIFICATION

Geiser

A study of the principles of dictionary cataloging, including the Dewey Decimal classification, simple subject heading work, and practice in the cataloging and classifying of children's books. First semester, 2 credits. S. 9:30-11:30.

MATHEMATICS

280 ELEMENTARY STATISTICS

Hoy

Organization of tables, construction of bar, broken line, and curvilinear graphs, analysis of frequency distributions, cumulative frequency, normal law, time series, trend and ratio charts, and simple correlation. Prerequisites: knowledge of elementary algebra, geometry, and logarithms. First semester, 3 credits. T. Th. 4-5:30.

MUSIC

120 SIGHT READING AND CHORAL SINGING

Hart

A course of training in sight reading and the elements of music; choral singing. 1 credit. T. Th. 2:30.

200 MUSIC APPRECIATION

Thompson

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. First and second semesters, 2 credits each. W. 7:30-9.

210 MUSICAL FORM AND ANALYSIS

Hart

In these lectures attention will be given to the special structure of music. Works of past composers will be analyzed to exemplify the evolution of the art from the folk songs to the symphonies. 1 credit. S. 9:30.

A comparison will be made between the development of art, literature, and music as influenced by environment. This will involve reading representative pieces of literature, viewing outstanding art contributions (painting, sculpture, architecture), and listening to the music of representative composers. First semester, 2 credits. F. 3:4-30.

ORIENTAL STUDIES

Chinese

100B BEGINNERS' COURSE FOR OCCIDENTAL STUDENTS

Chen

Same as O. S. 100. (Note: Since the methods of teaching the Chinese language to Occidental students differ from those of presenting the subject to Oriental students, a separate division of Beginners' Chinese is offered for Occidental students.) First and second semesters, 3 credits. M. W. 7:30-9.

101B INTERMEDIATE COURSE FOR OCCIDENTAL STUDENTS

Chen

Continues the study of 250 more foundation characters and idioms each semester. Reading, construction of characters and sentences, dictation, conversation, translation, and composition. First and second semesters, 3 credits each. M. W. 3:30-5.

200B ADVANCED CHINESE FOR OCCIDENTAL STUDENTS

Chen

Study of foundation characters and idioms. Reading of short stories, poems, and newspaper articles. Letter writing, composition, and translation. First and second semesters, 3 credits each. T. Th. 3:30-5.

241 HISTORY OF ORIENTAL RELIGIONS

Lee

A study of religious movements in the Orient, both ancient and modern. Lectures on Confucianism, Taoism, Buddhism, Shintoism, folk cults, and Christian missions in China and Japan. Library fee, \$1 a semester. Permission of instructor required. First and second semesters, 2 credits each. F. 3:30-5.

250-251 CHINESE LITERATURE IN ENGLISH

Lee

Lectures and discussions on the development of Chinese literature. Reading of classical and modern masterpieces of Chinese prose and verse. During the first semester a study will be made of the language with which Chinese literature is composed and of the various forms and styles of writing. The poetical works of Li Po, Tu Fu, and Po Chi I will be studied somewhat in detail. The second semester will deal with the representative prose writers of the Sung, Ming, and Tsing periods. A detailed study will be made of two historical novels, "The Romance of the Three Kingdoms" and "All Men Are Brothers," and two plays, "The Pi Pa Ki" and "The Orphan of the Chao family." Library fee, \$1. Permission of instructor required. First and second semesters, 2 credits each. W. 3:30-5.

254-255 CHINESE PHILOSOPHY AND ART

Lee

A general survey. The first semester will deal with the philosophy of the various schools of thought, with special emphasis upon the philosophy of Naturalism and Neo-Confucianism. During the second semester a study will be made of the development of industrial and fine arts and art symbols, with special emphasis upon the pictorial art and its relationship with the philosophy of life. First and second semesters, 2 credits each. M. 3:30-5.

300 SEMINAR IN CHINESE HISTORICAL LITERATURE

Lee

Open only by permission of the instructor to graduate and Special students. Hours and credits will be arranged for each student.

Japanese

102B FIRST-YEAR COLLOQUIAL JAPANESE FOR OCCIDENTAL STUDENTS

Carr

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. First and second semesters, 3 credits each. M. W. 7:30-9.

103B SECOND-YEAR COLLOQUIAL JAPANESE FOR OCCIDENTAL STUDENTS Ueyehara

Continuation of the first year. Reading, translation, and writing in Katakana, Hiragana, and simple Chinese characters. Study of Japanese language readers and magazines. First and second semesters, 3 credits each. M. W. 4:30-6.

240 JAPANESE LITERATURE IN ENGLISH

Rahder

An English language outline of the history of Japanese literature. Reading Aston's "History of Japanese Literature," with supplementary lectures and selections from English translations of Japanese classics. First and second semesters, 2 credits each. T. 3:30-5.

400 THESIS RESEARCH

Oriental Institute Staff

Graduate students engaged in the preparation of a master's thesis in Oriental Studies will register for this course. Hours and credits to be arranged.

PHILOSOPHY

260-261 IDEALISM AS A PHILOSOPHY Moore and Chan

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 the works of Plato and will include discussion of present-day problems suggested in the Dialogues and the attitude of Idealism toward these problems. The course is also intended as an intensive and extensive study of the Philosophy of Plato. First and second semesters, 2 credits each. Hours 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

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. Prerequisites: Philosophy 150-151 and Philosophy 270-271. Hours and credits to be arranged.

PHYSICAL AND HEALTH EDUCATION

105 (b) SWIMMING (Women) Gay

Advanced section. First and second semesters, 1 credit each. T. Th. 2:30.

TENNIS (d) (Women) Gay

Advanced section. First and second semesters, 1 credit each. M. W. F. 2:30.

TENNIS (e) (Men) Gill

Advanced section. First and second semesters, 1 credit each. T. Th. 2-3:30.

135 HYGIENE Bennett

A study of the organs of the human body, with special emphasis on 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. First and second semesters, 1 credit each. M. 2:30.

220-221 PHYSICAL AND HEALTH EDUCATION IN THE ELEMENTARY SCHOOL Waterman

This course deals with the classroom teacher's responsibilities and opportunities in health and physical education at the elementary school level. Practice will begin in suitable games and dances. First and second semesters, 2 credits each. M. W. F. 2:30.

PHYSICS

153 ELEMENTARY RADIO Beach

Prerequisite: high school physics or equivalent. This course deals with the fundamentals of radio. It is planned to familiarize the student with the elementary theory, design, and construction of radio receiving sets and audio amplifiers. Two lecture periods and one laboratory period per week. First semester, 3 credits. M. W. 7:30-9.

155 ELECTRICAL INSTRUMENTS AND MACHINERY Eller

A non-mathematical treatment of the principles of operation and construction of direct and alternating current instruments and machinery, and their use in electrical circuits. Lectures, demonstrations, and discussions. First semester, 2 credits. T. 7:30-9.

255 LIGHT Ballard

Prerequisite: Physics 102 or equivalent. Survey of geometrical and physical optics, and the development of the wave and quantum theories of light. Two lectures and one laboratory period per week. First semester, 3 credits. Hours to be arranged.

261 ADVANCED PHYSICS Staff

Prerequisite: Physics 102 or the equivalent. Hours and credits to be arranged.

361 GRADUATE PHYSICS Staff

Hours and credits to be arranged.

400 THESIS RESEARCH Staff

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

POLICE ADMINISTRATION

258 CRIME PREVENTION

Sherretz

Principal types of attack on the problem, such as the community organization approach; the educational attack; clinical methods; police crime prevention activities; and the work of recreational agencies. First semester, 2 credits. W. 3-4:30.

POLITICAL SCIENCE

290 MODERN POLITICAL THOUGHT IN EUROPE

Mehnert

A study of Fascism, National Socialism, Marxian Socialism, and Bolshevism; their practical application in some European states, and their influence on education, institutions, and cultures. First and second semesters, 2 credits each. M. 7:30-9.

301 SEMINAR IN FAR EASTERN INTERNATIONAL RELATIONS

Bachman

Prerequisites: Senior or graduate standing and at least 15 hours of political science, including Political Science 200 or 266. First and second semesters, 2 credits each. F. 3:15.

310 SEMINAR IN THE HISTORY OF POLITICAL THEORY

George

Open to qualified Seniors and graduate students. First semester, 2 credits. Hours and credits to be arranged.

400 THESIS RESEARCH

Staff

Graduate students engaged in the preparation of a master's thesis in political science will register for this course. Credits to be arranged.

PSYCHOLOGY

200 READING OR RESEARCH

Staff

Certain selected undergraduates may register in this course for special work on a research problem or intensive reading in some field of individual interest. Registration only by permission of staff members concerned. Hours and credits to be arranged.

280 SOCIAL PSYCHOLOGY

Babeock

The psychology of human relations. A survey of the psychological factors which determine the behavior of an individual in his social relationships. Prerequisite: Psychology 150 or the equivalent. First semester, 2 credits. T. 3:30-5.

300 READING RESEARCH

Staff

An opportunity is offered for qualified graduate students to work on research problems or do intensive reading in some field of psychology. Registration only by permission of the staff member concerned. First or second semester. Hours and credits to be arranged.

RELIGION

100 (b) FUNDAMENTAL PROBLEMS

In this course an attempt is made to consider the contribution of religion and morals to human happiness. Open to Freshmen and Sophomores only. First semester, 1 credit. S. 8:30.

259 ETHICS AND RELIGION

This course is designed to give the student a basic knowledge of the principles of human conduct, an understanding of the salient ethical issues in modern life, and a method of forming rational decisions concerning current social and personal problems. The relation of religion to ethics is investigated in the attempt to find the validity of religious ethics for modern life. First semester, 2 credits. Th. 3:30-5.

261 PSYCHOLOGY OF RELIGION

Dunstan

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. First semester, 2 credits. M. 3:30-5.

RUSSIAN

100 ELEMENTARY RUSSIAN

Carr

First semester: A practical phonetic introduction, followed by direct-method teaching of everyday Russian. Second semester: Reading of Tolstoy's stories in Harper's "Russian Reader" (University of Chicago Press). Emphasis on both pre- and post-Revolutionary realia. First and second semesters, 3 credits each. T. Th. 3:30-5.

101 INTERMEDIATE RUSSIAN

Carr

Reading of selected shorter works of Pushkin, Gogol, Tolstoy, Dostoyevsky, Chekhov, and contemporary writers. Newspaper reading. First and second semesters, 3 credits each. Hours to be arranged.

SOCIAL SCIENCE

290 TRAFFIC SAFETY TRAINING

Clarke

This course has been planned to meet the increasing demand for teachers trained in the fundamental principles of traffic safety. First and second semesters, 2 credits each. W. 3-4:30.

SOCIAL WORK TRAINING

350 PUBLIC WELFARE ADMINISTRATION

Blackey

This covers the field of governmental participation in social work through such legislation as the social security measures. It includes also the development in the fields of public and private social work, together with the present-day philosophy and trends; the organization and operation of a public department of social welfare and its interpretation to the community. Local problems discussed. Consent of instructor. First semester, 3 credits. Hours arranged.

360 PERSONALITY PROBLEMS OF CHILDREN

Blackey

The material in this course is arranged primarily for those who are working with children's problems. It is concerned with the development of the child's personality through a recognition of the factors influencing it, namely his home, his school, and his neighborhood. Considerable time will be given to a discussion of mental hygiene principles as applied to the understanding of the child and the treatment of problems which interfere with his social adjustment. Consent of instructor. First semester, 3 credits. Hours arranged.

SOCIOLOGY

170 ELEMENTS OF SOCIOLOGY

Reinecke

An introductory course. Man's cultural heritage and social nature; personality and the group; crowds and publics; races, nations, and classes; the community and social organization; social interaction and social change. 3 credits. M. W. 7:30-9.

280 INDIVIDUAL RESEARCH IN SOCIOLOGY

Staff

Open to advanced students of sociology capable of pursuing local research problems under guidance of the staff. Registration by permission. Hours and credits to be arranged.

282 DIRECTED READINGS IN SOCIOLOGY

Staff

Designed for advanced students of sociology desirous of acquainting themselves with the literature of the field. Hours and credits to be arranged.

350 RACE CONTACTS IN HAWAII

Adams, Lind

A seminar course, including lectures relating to race relations research in Hawaii. Intended for students engaged in the study of race and culture contacts in Hawaii. Open to Seniors or graduate students with permission of instructor. First and second semesters, 2 credits each. T., 7:30-9.

400 THESIS RESEARCH

Staff

Hours and credits to be arranged.

SOIL SCIENCE

300 NUTRIENT AVAILABILITY IN SOILS **Magistad**

This course will be conducted as a seminar, and will deal with current literature and experiments in progress. Base exchange, nitrogen and potash availability, and methods of determining availability will be considered. First semester, 1 credit. Hours to be arranged.

302 RESEARCH IN SOIL BACTERIOLOGY, SOIL CHEMISTRY **Staff**

Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor. Hours and credits to be arranged.

350 THE NITROGEN CYCLE **Allen**

This 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. Special attention to current literature. First semester, 1 credit. Hours to be arranged.

SPANISH

102 PHONETICS **Aguar**

An elementary course in the study of general phonetics. Reading and writing exercises dealing with correct Spanish pronunciation. Prerequisite: one year of college Spanish or equivalent. First semester, 1 credit. Hours to be arranged.

ZOOLOGY

180 ANIMAL ECOLOGY **Edmondson**

A course in which the relation of organisms to their environment is emphasized. Prerequisites: Zoology 150 and 151, or Biology 135, or Botany 101. Two lectures a week and one period to be arranged for laboratory, field, or library work. Lectures given in Deann Hall, laboratory work at the Marine Biological Laboratory, Waikiki. Laboratory fee, \$2. First and second semesters, 3 credits each. Hours to be arranged.

210 ZOOLOGICAL SEMINAR **Zoological Staff**

Presentation of seminar reports, reports upon research, or reviews of current zoological literature. Recommended for Juniors, Seniors and graduates; may be taken repeatedly. First and second semesters, 1 credit each. Th. 4:30.

262 MICROTECHNIQUE **Hamre**

A laboratory course involving the fixing, staining and mounting of animal tissues. Prerequisite: Zoology 260. Two laboratory periods a week. Laboratory fee, \$8. First semester, 2 credits. Hours to be arranged.

270 SYSTEMATIC ZOOLOGY **Edmondson**

A systematic survey of the invertebrate and vertebrate fauna of Hawaii (exclusive of insects) in which structure, phylogenetic relationships, and distribution are emphasized. Attention may be concentrated on one or a few groups, if desirable. Prerequisite: Two years of zoological work. Laboratory fee, \$1 per credit hour. First and second semesters. Hours and credits to be arranged.

300 RESEARCH **Staff**

Students with sufficient preparation are encouraged to undertake the investigation of special zoological problems with reference to land, fresh water, or marine animals. Laboratory fee not less than \$5 per semester. Hours and credits to be arranged.

301 PRINCIPLES OF APPLIED ENTOMOLOGY **Staff**

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. Prerequisites: Zoology 254-255 or consent of instructor. Three lectures per week. First and second semesters, 3 credits each. Hours to be arranged.

400 THESIS RESEARCH **Staff**

Students engaged in the preparation of the master's thesis will register for this course. Hours and credits to be arranged.

CORRESPONDENCE COURSES*

EDUCATION E203-204-205 VOCATIONAL AGRICULTURAL EDUCATION Armstrong

This course is designed to give concrete help to those teaching vocational agriculture in Hawaii. Fundamental principles; organization and methods adapted to this type of education; related subjects; allied curricular activities. Registration by permission of instructor. 1 or 2 credits.

Note—The first time a student registers for the course he will take E203. If additional work is desired he may register for E204, and, if still more work is desired in vocational agricultural education, for E205. Either one or two credits can be earned in any of the courses, making a possible maximum of six credits.

EDUCATION E211 TECHNIQUE OF TEACHING TRADES Armstrong

This course is designed to give concrete help to teachers of trade and industrial education in the public schools. The teaching process; methods used in teaching trades; planning; management problems. Registration by permission of instructor.

*Tuition will be \$5 per credit hour, with an additional fee of \$1.50 per credit hour for postage and course material.