

UNIVERSITY OF HAWAII

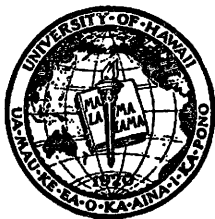
AUG 25 1938

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Adult Education Division

Catalog of Afternoon, Evening
and Saturday Morning Courses
Offering University Credits

1938-1939



UNIVERSITY OF HAWAII BULLETIN

Volume XVII

Number 8

June 1938

The University of Hawaii Bulletin is issued in each of the following months: November, December, January, February, March, April, May, June, July, and October. Entered as second-class matter at Honolulu, Hawaii, under act of Congress of August 24, 1912.

TIME TABLE OF COURSES IN THIS CATALOG

This table states the time of meeting of 67 of the courses listed on the following pages. The remaining 72, most of which are graduate courses, will be given at times to be determined after registration. See description of courses for full information on each.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1:30-3:30 Music 135	2:30-3:30 Music 120 P. Ed. 224	1:30-3:30 Music 135	2:30-3:30 Mus. 120 P. Ed. 224	2:30-3:30 P. Ed. 220	9:30-10:30 Music 210
2:30-3:30 P. Ed. 220	3-4 Hawn. 250	2:30-3:30 P. Ed. 220	3-4:30 Ger. 200	3-4:30 Lib. Sc. 262 Mus. 262	9:30-11:10 Eng. 241
3-5 Art 263	3-4:30 Ger. 200	3-4 Fr. 201	3:30-5 Ed. 294	3-5 Biol. 240	9:30-11:30 Lib. Sci. 268
3:30-5 Ed. 259 Ed. 293 Ed. 390 Mus. 110 O.S. 101B O.S. 250 O.S. 266 Psy. 285 Rel. 253	3-5 Biol. 240	3-4:30 Soc. Sc. 290	Ed. 296 Ed. 350 Ed. 361 Eng. 270 Eng. 297 Fr. 101(b) Hist. 276 O.S. 200B Rel. 261	3:30-5 Ed. 345 Eng. 298 O.S. 254 Pol. Sc. 301	10:30-12 Hist. 310 Ed. 351 Ed. 380
4-5:30 Bot. 161	3:30-5 Ed. 292 Ed. 350 Ed. 364 Ed. 371 Eng. 202 Eng. 270 Fr. 101(b) Hist. 253	3:30-5 O.S. 101B	4:30-6 O.S. 103B	4:30-5:30 Bot. 210	
4:30-6 O.S. 103B	O.S. 200B Phil. 252 Psy. 280	4:30-6 O.S. 103B	7:30-8:45 Ger. 100 (d)	4:30-5:30 Bot. 210	
7:30-8:45 Ger. 100(d)	7-9 Bot. 155	7:30-8:45 Ger. 100 (d)	7:30-9 Geog. 280 O.S. 100B O.S. 102B Phys. 153	7:30-8:45 Eng. 100	
7:30-9 Bus. 293 Geog. 180 Hist. 219 O.S. 100B O.S. 102B Phys. 153	7:30-8:45 Eng. 100	7:30-9 Geog. 280 O.S. 100B O.S. 102B Phys. 153	4:30-5:30 Zool. 210	7:30-8:45 Eng. 100	
	7:30-9 Bus. 152 Ed. 219 Phys. 155		7:30-9 Anthro. 267 Bus. 152 Mus. 200		

UNIVERSITY OF HAWAII

Adult Education Division

ADMINISTRATIVE STAFF

DAVID L. CRAWFORD, LL.D., *President of the University*
R. RAY SCOTT, Ph.D., *Director*
ETTA R. WASHBURN, B.A., *Associate Director*
BERTHA S. WEDEMEYER, B.A., *Secretary*
MASAO MIYAMOTO, *Photographer*

ADVISERS

The following advisers will be in their offices from 8-12 and 1-4 on September 23 and 24 and at 7:30 on the evening of September 23 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

College of Applied Science:

DEAN ARTHUR R. KELLER, Room 104, Hawaii Hall

Teachers College:

DEAN BENJAMIN O. WIST, Room 121, Teachers College during day
Room 112, Hawaii Hall during evening.

(Adviser for those who have earned 115 or more credits)

DR. THAYNE M. LIVESAY, Room 117, Hawaii Hall

(Adviser for those of Secondary School group who have earned fewer than 115 credits)

DR. E. VERN SAYERS, Room 119A, Teachers College

(Adviser for those of Elementary School group who have earned fewer than 115 credits)

Graduate Division:

DR. PAUL S. BACHMAN, Room 118, Hawaii Hall

(All students who hold a bachelor's or advanced degree, whether desiring to enroll for undergraduate or graduate courses, should consult with Dr. Bachman.)

Specials and Auditors:

DR. R. RAY SCOTT, Room 112, Hawaii Hall

Calendar for Adult Education Division

1938-1939



1938

September 23-24	Registration at hours stated on page 12	Fri.-Sat.
September 26	Instruction in campus courses begins	Monday
November 11	Armistice Day holiday	Friday
November 24-26	Thanksgiving recess	Thurs.-Sat.
December 23	Last day of classes before Christmas recess	Friday

1939

January 5	Work resumes	Thursday
January 31	Last day of formal class instruction, first semester	Tuesday
February 3-11	Mid-year examinations	Fri.-Sat.
February 17-18	Registration, second semester	Fri.-Sat.
February 17	Instruction begins	Friday
February 22	Washington's Birthday holiday	Wednesday
April 7-8	Easter recess	Fri.-Sat.
May 30	Memorial Day holiday	Tuesday
June 8	Last day of formal class instruction, second semester	Thursday
June 12	Kamehameha Day holiday	Monday
June 9-17	Final examinations	Fri.-Sat.
June 20	Twenty-eighth annual Commencement	Tuesday
June 26	Summer session begins	Monday

Instructional Staff

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.

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; Ph.D., Univ. Cincinnati, 1916; Sarah Berliner Fellowship of A.A.U.W. Chemical Research, Cambridge Univ., England, 1924-1925; Graduate Study, Cambridge Univ., England, 1935.

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.

MERTON K. CAMERON, Ph.D., *Professor of Economics*

A.B., Princeton Univ., 1908; A.M., Harvard Univ., 1914; Ph.D., Harvard Univ., 1921.

DENZEL CARR, Ph.D., *Assistant Professor of Linguistics*

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.

- 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.
- YUAN REN CHAO, Ph.D., *Professor of Chinese Language and Culture*
B.A., Cornell Univ., 1914; Ph.D., Harvard Univ., 1918.
- KENNETH K. T. CHEN, M.A., *Instructor in Chinese Language*
B.A., Univ. Hawaii, 1931; M.A., Yenching Univ., China, 1934.
- SHOU YI CH'EN, Ph.D., *Visiting Professor of Chinese History*
B.A., Lingnan Univ., China, 1920; Ph.D., Univ. Chicago, 1928; Head of Department and China Foundation Research Professor of History, National Univ., Peking, Peiping, China.
- 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.
- HARRY F. CLEMENTS, Ph.D., *Professor of Botany*
B.S., Univ. Wisconsin, 1924; M.S., Univ. Wisconsin, 1925; Ph.D., Univ. Chicago, 1929.
- JOHN WESLEY COULTER, Ph.D., *Associate Professor of Geography*
B.A., Univ. California, 1919; M.A., Univ. California, 1921; Ph.D., Univ. Chicago, 1926.
- 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., *Professor 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, 1903; M.S., Univ. Iowa, 1904; Ph.D., Univ. Iowa, 1906.
- LESLIE E. EICHELBERGER, M.A., *Lecturer in Education*
A.B., Denver Univ., 1908; M.A., Denver Univ., 1930; Older Boys' Work Secretary, Y.M.C.A., Honolulu.
- WILLARD H. ELLER, Ph.D., *Associate Professor of Physics*
B.S., Univ. California, 1914; M.S., Univ. Washington, 1925; Ph.D., Univ. California, 1928.
- ELLA EMBREE, *Lecturer in Russian Language*
Junior Certificate, Univ. California, 1927-29; Certificat d'erude, Ecole des Professeurs de Francais a l'Etranger, Sorbonne, Paris, 1931.
- JOHN FEE EMBREE, Ph.D., *Research Associate in Anthropology*
B.A., Univ. Hawaii, 1931; M.A., Univ. Toronto, 1934; Ph.D., Univ. Chicago, 1937.
- JESSIE SHAW FISHER, B.Ed., *Instructor in Art*
Teachers College, Columbia Univ., 1908-10; 1911-12; B.Ed., Univ. Hawaii, 1936.
- 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.

GEORGE P. GORDON, M.A., *Instructor in Education and Social Science*

Ph.B., Muskingum College, 1914; B.A., Hanover College, 1917; M.A., Columbia Univ., 1925.

MATTHEW M. GRAHAM, C.P.A., *Professor of Accounting*

C.A., Institute of Accountants and Actuaries, Glasgow, Scotland, 1906; C.P.A., Territorial Board of Accountancy.

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.

CARLOS HANCEY, B.S., *Instructor in Education and Music*

Diploma, Brigham Young College, 1925; B.S., Utah State College, 1928.

LOUISE C. HARRIS, M.A., *Lecturer in English*

B.A., Univ. Oregon, 1933; Graduate Study, Claremont Colleges, Santa Barbara State Teachers College; M.A., Claremont Colleges, 1937; Teacher, Hanalei School, Honolulu.

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.

RALPH C. HOEBER, J.D., *Assistant Professor of Business Law*

B.A., Univ. Oregon, 1923; J.D., Stanford Univ., 1927.

MARIA HOERMANN, B.A., *Assistant Professor of German Language*

Staatsexamen fur Hoehere Tochterschulen, Berlin, Germany, 1905; B.A., Univ. Hawaii, 1923.

HAROLD J. HOFLICH, Ph.D., *Assistant Professor in Economics and Business*

B.A., Univ. Oregon, 1925; Ph.D., Univ. California, 1933.

FRED G. HOLAHAN, B.A., *Instructor in English*

B.A., Pennsylvania State College, Feb., 1937; Graduate Study, Pennsylvania State College, 1937.

MARY HUNTER, Ph.D., *Psychologist, Psychological Clinic*

A.B., Mt. Holyoke College, 1914; M.A., Teachers College, Columbia Univ., 1928; Ph.D., Columbia Univ., 1937; Travelling fellowship in Mental Hygiene, Paris and Vienna, 1931; Pennsylvania School of Social Work, 1932.

CHARLES H. HUNTER, Ph.D., *Assistant Professor of History*

B.A., Stanford Univ., 1927; M.A., Stanford Univ., 1928; Ph.D., Stanford Univ., 1935.

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.
- SHIGEHARU KIMURA, LL.D., *Visiting Professor of Japanese History and Institutions***
 B.A., Hobart College, 1900; A.M., Harvard Univ., 1903; B.D., Episcopal Theological School, 1903; LL.D., Hobart College, 1931.
- RALPH S. KUYKENDALL, M.A., *Associate 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.
- THEODORE F. LINDEMAN, *Lecturer in Meteorology***
 Georgetown Univ., 1925; Navy Meteorological School, 1925; Chief Aerographer, U.S.N.
- MAURICE B. LINDFORD, 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.
- THAYNE M. LIVESAY, Ph.D., *Professor of Psychology***
 B.A., Pacific Univ., 1917; M.A., Univ. Washington, 1921; Stanford Univ.; Ph.D., Univ. Washington, 1931.
- ALFRED LOMAX, M.A., *Associate Professor of Economic Geography***
 B.B.A., Univ. Oregon, 1923; M.A., Univ. Pennsylvania, 1927.
- STEPHEN G. MARK, M.A., *Lecturer in Religion***
 B.A., Univ. California, 1920; B.D., San Francisco Theological Seminary, 1923; M.A., Columbia Univ., 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 Francaise, Tucuman, Argentina, 1928-1929.
- CHARLES A. MOORE, Ph.D., *Assistant Professor of Philosophy***
 B.A., Yale Univ., 1926; Ph.D., Yale Univ., 1932.
- CHARLES H. NEIL, M.A., *Associate Professor of English***
 B.A., Univ. South Carolina, 1903; M.A., Yale Univ., 1930.
- 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.
- 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., Buder 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 Francaise, Sorbonne; French Consul and Spanish Consul to the Hawaiian Islands; Officer de l'Instruction Publique; White Cross Spanish Order of Naval Merit; Chevalier de la Legion d'Honneur.
- E. VERN SAYERS, Ph.D., *Professor of Education*
 A.B., Indiana Univ., 1914; M.A., Indiana Univ., 1921; Ph.D., Columbia Univ., 1929.
- LAURA V. SCHWARTZ, Ph.D., *Associate Professor of English*
 B.A., College of Pacific, 1920; M.A., Stanford Univ., 1921; Ph.D., Stanford Univ., 1924; Advanced study, 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.
- 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.
- HUBERT E. STRANGE, M.S., *Lecturer in Geography*
 Annapolis, 1926; Post Graduate, Annapolis, 1934-1935; M.S., California Institute of Technology, 1936; Lieutenant U.S.N., Aerological Officer, Patrol Wing 2, Fleet Air Base.
- JUNJIRO TAKAKUSU, D.Litt., *Professor of Japanese Philosophy*
 M.A., D.Litt., Oxford Univ.; Formerly Professor of Sanskrit and Buddhism, Tokyo Imperial Univ.
- JESSE A. TANNER, Ph.D., *Associate Professor of Education*
 Diploma, North Dakota State Normal School, 1903; 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 Wanieck, Louise Robyn, Josef Lhevinne, Tomford Harris; Graduate work under Arthur Olaf Anderson; Director, Punahou Music School.
- HELEN C. TWITCHELL, B.A., *Lecturer in English*
 B.A., Vassar College, 1911; Graduate Study, Columbia Univ.; Teacher, Punahou School.
- YUKUO UYEHARA, B.A., *Instructor in Japanese Language*
 B.A., Univ. Hawaii, 1931; Graduate Study, Univ. Hawaii, 1932; Waseda Univ., Tokyo, 1933.
- GLADYS VAN FOSSEN, M.A., *Visiting Instructor in Physical Education*
 B.A., Univ. Minnesota; M.A., Columbia Univ.; Instructor, Santa Barbara State College.
- BEN JAMIN O. WIST, Ph.D., *Professor of Education*
 B.A., Spokane College, 1910; M.A., Univ. Hawaii, 1924; Ph.D., Yale Univ., 1937.

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 campus 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 pro-

gram 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.

The visual education service assists teachers in the correct use of all types of visual aids and distributes 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 85-87 of the regular University of Hawaii Catalog, 1938-39, and the Catalog of Graduate Study.

ADMISSION OF EXTENSION STUDENTS

Rules on admission of Extension students in courses offered 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 toward the bachelor's degree, but not more than 25 per cent of the total credits required to be earned in the University for a 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

Part-time students of all classifications may register in Hawaii Hall from 8 to 12 and 1 to 4 September 23 and 24 and from 7:15 to 9 p. m. September 23.

Any part-time student enrolling in courses after 4 o'clock September 24 must pay a *late registration fee of \$1*.

Instruction will begin Monday, September 26.

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

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 of \$5 a credit hour.

No full refunds will be made after October 8. Before that date 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 Agricultural Staff
Hours and credits to be arranged.

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.

ANTHROPOLOGY

267 PRIMITIVE RELIGION AND PHILOSOPHY J. Embree
First semester, 2 credits. Th. 7:30.

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.

300 ADVANCED READING AND RESEARCH Staff
Hours and credits to be arranged.

Open to qualified students who secure the approval of the instructor.

350-351 SEMINAR IN ANTHROPOLOGY Staff
Continuous throughout year, 2 credits each semester. Hours to be arranged.

Advanced problems in anthropology of both a theoretical and a practical nature will be discussed. Open to seniors and graduate students by arrangement.

ART

263 APPLIED ART FOR THE SECONDARY SCHOOL YEARS Fisher
Continuous throughout year, 2 credits each semester. M. 3-5.

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.

BIOLOGY

240 BIOLOGY Brown
Continuous throughout year, 4 credits each semester. T.F. 3-5.

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.

BOTANY

- 155 NUTRITION OF PLANTS Clements
First semester, 2 credits. T. 7-9.
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. Open to freshmen. Not open to persons who have had Botany 173. Two hours of lecture with demonstrations.
- 161 PLANT GEOGRAPHY St. John
First semester, 2 credits. M. 4-5:30.
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.
- 200 BOTANICAL PROBLEMS St. John and Staff
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 Staff
Continuous throughout year, 1 credit each semester. F. 4:30.
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.
- 254 ADVANCED TAXONOMY St. John
First semester, 2 or more credits. Hours to be arranged.
A synoptical treatment of the lower Dicotyledons, from the Piperaceae to the Leguminosae, with laboratory study of the important families. Plant distribution, and the independent identification of collections. Qualified students may do part of their work in the Herbarium of the Bishop Museum. Prerequisite: Botany 102. Laboratory fee \$1. One lecture hour and one or more laboratory periods each week.
- 300 BOTANICAL RESEARCH Staff
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 Staff
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 Linford
First semester, 1 credit. Hours to be arranged.
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
Hours and credits to be arranged.
Open to qualified students in the Graduate School of Tropical Agriculture with the permission of the instructor.
- 350 RESEARCH IN PLANT PHYSIOLOGY Staff
Hours and credits to be arranged.

BUSINESS

152-153 ELEMENTARY ACCOUNTING Delpech

Continuous throughout year, 3 credits each semester. T. Th. 7:30-9.

The fundamental principles of accounting, including the accounting problems of single proprietorships, partnerships, and corporations. Organized primarily for unclassified evening session students. Credit will not be allowed in both this course and Business 150-151. Prerequisite: Unclassified student status or permission of the instructor.

293 LAW OF SALES Hoerber

First semester, 2 credits. M. 7:30-9.

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 transitu; 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.

298-299 PRO-SEMINAR IN ACCOUNTING Graham

Continuous throughout year. 1-3 credits. Hours to be arranged.

305-306 SEMINAR IN ACCOUNTING Staff

Continuous throughout year, maximum of 3 credits each semester. Hours to be arranged.

CHEMISTRY

240 HONORS COURSE IN CHEMISTRY Staff

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.

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 permission of instructor.

310 SEMINAR: CHEMICAL AND PHYSICAL STUDIES IN BIOLOGICAL FIELDS L. N. Bilger

Continuous throughout year, 1 credit each semester. Hours to be arranged.

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.

313 SELECTED TOPICS IN ADVANCED CHEMISTRY E. M. Bilger

Continuous throughout year, 2 credits each semester. Hours to be arranged.

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. Hours to be arranged.

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
Hours and credits to be arranged.

317 ADVANCED ORGANIC CHEMISTRY Payne
First semester, 3 credits. Hours to be arranged.

(Formerly Chemistry 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.

ECONOMICS

305-306 SEMINAR IN GENERAL ECONOMICS Cameron
*Continuous throughout year, maximum of 3 credits each semester.
Hours to be arranged.*

310-311 SEMINAR IN INTERNATIONAL ECONOMICS AND TRADE Taylor
*Continuous throughout year, maximum of 3 credits each semester.
Hours to be arranged.*

315-316 SEMINAR IN FINANCE Hoflich
*Continuous throughout year, maximum of 3 credits each semester.
Hours to be arranged.*

EDUCATION

219 ADULT EDUCATION—THE ART OF DISCUSSION Norrie
First semester, 2 credits. T. 7:30-9.

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.

259 CHILD PSYCHOLOGY Smith
First semester, 2 credits. M. 3:30-5.

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.

292 ADOLESCENT LEADERSHIP, PROGRAMS AND METHODS Eichelberger

First semester 2 credits. T. 3:30-5.

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. An additional hour of field work each week required.

293 COMPARATIVE EDUCATION Gordon
First semester, 2 credits; repeated second semester. M. 3:30-5.

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. Th. 3:30-5.
 An examination of those factors and situations within the contemporary school and community which play a large part in influencing man's behavior, in order to discover the conditions within which a better education may be developed.
- 296 HISTORY OF EDUCATION IN HAWAII Wist
First semester, 2 credits. Th. 3:30-5.
 Education in primitive Hawaii, under missionary control, under monarchical control, development of private educational institutions and of higher educational facilities.
- 300 READING OR RESEARCH Staff
First semester, 1 to 3 credits; repeated second semester. Hours to be arranged.
 An opportunity is offered for qualified graduate students to work on research problems or to do intensive reading in some field of education. Registration only after consultation with the staff members concerned.
- 345 SEMINAR IN PHILOSOPHY OF EDUCATION Sayers
Continuous throughout year, 2 credits each semester. F. 3:30-5.
 Advanced study of controversial problems in education. Open to a limited number of Graduate Students who have made some study of philosophy or education. (Enrollment more than two semesters by permission of the instructor).
- 350 HISTORY OF EDUCATION Tanner
First semester, 4 credits; repeated second semester. T. Th. 3:30-5.
 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.
- 351 ADVANCED EDUCATIONAL PSYCHOLOGY Livesay
First semester, 2 credits; repeated second semester. S. 10:30-12.
 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. Registration only by permission of instructor.
- 361 MENTAL DEFICIENCY AND ABNORMALITY Smith
First semester, 2 credits. Th. 3:30-5.
 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.
- 364 THE COMMUNITY AND PUBLIC SCHOOL ADMINISTRATION Scott
First semester, 2 credits; repeated second semester. T. 3:30-5.
 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. T. 3:30-5.
 This course offers to qualified students an opportunity to experiment in the field of child psychology. Credits depend upon the amount of work done. Registration by permission of instructor.
- 376 SEMINAR IN VOCATIONAL EDUCATION Armstrong
First semester, 2 credits; repeated second semester. Hours to be arranged.
 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. S. 10:30-12.

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.

390 SCHOOL ORGANIZATION AND MANAGEMENT Wist
First semester, 2 credits; repeated second semester. M. 3:30-5.

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 instructor.

ENGLISH

Composition

100 COMPOSITION Holahan
Continuous throughout year, 3 credits each semester. T. Th. 7:30-8:45.

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. Collateral reading fee, \$1 each semester.

Literature

270 THE ENGLISH NOVEL FROM THE BEGINNING TO THE PRESENT Neil
Continuous throughout year, 3 credits each semester. T. Th. 3:30-5.
(Formerly English 207 and 255).

PROFESSIONAL COURSES

202 APPRECIATION OF CHILDREN'S LITERATURE Twitchell
First semester, 2 credits. T. 3:30-5.

A continuation of English 299 given in the second semester of 1937-38. Emphasis will be placed on writers of today: Coatsworth, Skinner, Eric Kelley, Meigs, Lucy S. Mitchell, Mrs. Armer, Wilder and others.

241 DRAMATICS IN ELEMENTARY AND JUNIOR HIGH SCHOOLS Harris
First semester, 2 credits. S. 9:30-11:10.

A workshop course consisting of study of source material and practical application in pantomime, stories adapted in dramatic form, short plays suitable for children, and the shadow-graph as a hobby and a legitimate project in dramatic art.

297 THE SOUNDS OF ENGLISH Henderson
First semester, 2 credits. Th. 3:30-5.

Elementary phonetics, with emphasis on ear training and the production of English speech sounds.

298 CORRECTION OF SPEECH DEFECTS Henderson
First semester, 2 credits. F. 3:30-5.

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.

GRADUATE COURSES

- 302 SPEECH CLINIC Henderson
Continuous throughout year, 2 to 6 hours credit. Hours to be arranged.
May be repeated for additional credit by students who have taken it for less than the maximum credit.
- 350 SEMINAR IN ENGLISH LITERATURE Schwartz
Hours and credits to be arranged.
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.
- 355 INDIVIDUAL STUDIES Staff
Hours and credits to be arranged.
Investigation in fields of special interest or value to the individual student.
- 360 SEMINAR IN AMERICAN LITERATURE Staff
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.

FRENCH

- 101B NINETEENTH CENTURY FRENCH NOVEL Metraux
Continuous throughout year, 3 credits each semester. T. Th. 3:30-5.
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.
- 201 PHONETICS Pecker
Continuous throughout year, 1 credit each semester. W. 3-4.
A study of French sounds. Required of those majoring in Romance languages. Conversation and diction.
- 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 consent of instructor.

GEOGRAPHY

- 180-181 ELEMENTARY METEOROLOGY Lindeman
Continuous throughout year, 2 credits each semester. M. 7:30-9.
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.
- 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 on consent of the instructor.
- 273 ADVANCED ECONOMIC GEOGRAPHY Lomax
First semester, 2 credits. Hours to be arranged.
Advanced studies in the geography of foods, raw materials, fuels, and foreign trade. Prerequisite: one course in geography or permission of instructor.

280-281 **ADVANCED METEOROLOGY** Strange
Continuous throughout year, 2 credits each semester. W. 7:30-9.

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.

300 **GEOGRAPHY SEMINAR** Coulter, Lomax
Hours and credits to be arranged.

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

GEOLOGY

260 **PHYSIOGRAPHY** Palmer
First semester, 3 credits. Hours to be arranged.

A study of the processes that sculpture the topographic forms at the surface of the earth, comprising their manner of work and the results of their work, with especial reference to the cycle concept. Prerequisite: Geology 252 and 253. Three recitations a week.

300 **GEOLOGY SEMINAR** Palmer
First semester; repeated second semester. Hours and credits to be arranged.

Special work in geology may be arranged for students capable of more advanced work. Registration only on consent of instructor.

GERMAN

100D **ELEMENTARY GERMAN** Hoermann
Continuous throughout year, 3 credits each semester. M.W. 7:30-8:45.

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.

200 **ADVANCED GERMAN** Hoermann
Continuous throughout year, 3 credits each semester. T. Th. 3-4:30.

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"; Buegger, "Balladen." Free compositions. This course is conducted entirely in German.

202 **ADVANCED SCIENTIFIC GERMAN** Hoermann
Continuous throughout year, 1 credit each semester. Hours to be arranged.

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. Prerequisite: two years of college German or permission of the instructor.

HAWAIIAN

250-251 **GREAT LEADERS OF HAWAII** Judd
Continuous throughout year, 1 credit each semester, T. 3-4.

A biographical approach to the study of Hawaiian history.

HISTORY

219 **EUROPE IN ASIA** Mehnert
First semester, 2 credits. M. 7:30-9.

European relations with Asia (excluding the Near East).

253-254 HISTORY OF HISPANIC AMERICA C. Hunter
Continuous throughout year, 2 credits each semester. T. 3:30-5.

The political, social, and economic development of the Hispanic American republics, with consideration of such topics as the Monroe Doctrine, intervention, and Pan-Americanism. Prerequisite: History 140, or consent of the instructor.

276 HISTORY OF THE HAWAIIAN ISLANDS Kuykendall
First semester, 2 credits. Th. 3:30-5.

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

310 SEMINAR IN HISTORICAL METHOD C. Hunter
First semester, 2 credits. S. 10:30.

Designed to give graduate students training in the evaluation of sources and the preparation of theses. Open to seniors and graduate students.

315 SEMINAR IN JAPANESE HISTORY Kimura
Hours and credits to be arranged.

Open to graduates and seniors majoring in history.

316 SEMINAR IN CHINESE CULTURAL HISTORY S. Y. Chen
Hours and credits to be arranged.

318 SEMINAR: RUSSIA IN ASIA Mehnert
Continuous throughout year, 2 credits each semester. Hours to be arranged.

327 SEMINAR IN HAWAIIAN HISTORY Kuykendall
2 credits. Hours to be arranged.

LIBRARY SCIENCE

200 SEMINAR IN LIBRARY METHODS Geiser
First semester, 1-2 credits; repeated second semester. Hours to be arranged.

260 LIBRARY OBSERVATION AND PARTICIPATION Geiser
First semester, 2 credits; repeated second semester. Hours to be arranged.

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. F. 3-4:30.

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. Hours to be arranged.

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.

268 CATALOGUING AND CLASSIFICATION Geiser
First semester, 2 credits. S. 9:30-11:30.

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.

MUSIC

- 110 HISTORY OF MUSIC** Hart
Continuous throughout year, 2 credits each semester. M. 3:30-5.
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.
- 120 SIGHT READING AND CHORAL SINGING** Hart
Continuous throughout year, 1 credit each semester. T. Th. 2:30.
A course of training in sight reading and the elements of music; choral singing.
- 135 HARMONY AND COUNTERPOINT** Hart
Continuous throughout year, 2 credits each semester M.W. 1:30-3:30.
- 200 MUSIC APPRECIATION** Thompson
Continuous throughout year, 2 credits each semester. Th. 7:30-9.
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 function 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** Hart
Continuous throughout year, 1 credit each semester. S. 9:30.
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.
- 262 CLASSICISM AND ROMANTICISM IN MUSIC** Kahananui
First semester, 2 credits. F. 3-4:30.
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.
- 267 CONCERT ORCHESTRA** Hancey
First semester, 2 credits; repeated second semester. Hours to be arranged.
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.
- 268 BAND AND ORCHESTRA METHODS** Hancey
First semester, 2 credits. Hours to be arranged.
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. 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.

ORIENTAL STUDIES

Chinese

- 100B BEGINNERS' COURSE FOR OCCIDENTAL STUDENTS** K. Chen
Continuous throughout year, 3 credits each semester. M. W. 7:30-9.
Study of 250 foundation characters each semester. Reading and construction of characters and sentences, diction, simple conversation, and translation.

101B INTERMEDIATE COURSE FOR OCCIDENTAL STUDENTS K. Chen
Continuous throughout year, 3 credits each semester. M. W. 3:30-5.

Continues the study of 250 more foundation characters and idioms each semester. Reading, construction of characters and sentences, dictation, conversation, translation, and composition.

200B ADVANCED COURSE FOR OCCIDENTAL STUDENTS K. Chen
Continuous throughout year, 3 credits each semester. T. Th. 3:30-5.

Continues the study of foundation characters and idioms. Reading of short stories, poems, and newspaper articles. Letter writing, composition, and translation.

210 INTENSIVE CHINESE READING COURSE Staff
First semester, 6 credits. Hours to be arranged.

This course is designed to prepare graduate and upperdivision 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.

250-251 CHINESE LITERATURE IN ENGLISH Lee
Continuous throughout year, 2 credits each semester. M. 3:30-5.

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 T'ing periods. The "New Tide" and other contemporary literary movements will also be analyzed.

254-255 CHINESE PHILOSOPHY AND ART Lee
Continuous throughout year, 2 credits each semester. F. 3:30-5.

An examination of the Chinese philosophy of life and the Chinese idea of the relationship 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.

266 HISTORY AND APPRECIATION OF CHINESE MUSIC Chao
First semester, 2 credits. M. 3:30-5.

293 METHODS AND BIBLIOGRAPHY IN CHINESE STUDIES S. Y. Chen
First semester, 3 credits. Hours to be arranged.

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-class and to graduate students.

300 SEMINAR IN CHINESE HISTORICAL LITERATURE Lee
Hours and credits to be arranged.

Open only by permission of the instructor to graduate and special students.

303 SEMINAR IN CHINESE PHILOSOPHY Chan
Hours and credits to be arranged.

Open to graduate and special students only by permission of the instructor.

311 SEMINAR IN CHINESE LINGUISTICS Chao
Hours and credits to be arranged.

Open to qualified students.

320 SEMINAR IN CHINESE CULTURAL HISTORY S. Y. Chen
Hours and credits to be arranged.

Open only by special permission of the instructor to graduates and special students.

Japanese

102B FIRST-YEAR COLLOQUIAL JAPANESE FOR OCCIDENTAL STUDENTS Carr

Continuous throughout year, 3 credits each semester. M. W. 7:30-9.

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.

103B SECOND-YEAR COLLOQUIAL JAPANESE FOR OCCIDENTAL STUDENTS Uyehara

Continuous throughout year, 3 credits each semester M. W. 4:30-6.

Continuation of the first year. Reading, translation, and writing in Katakana, Hiragana, and simple Chinese characters. Study of Japanese language readers and magazines.

215 INTENSIVE JAPANESE READING COURSE Carr, Uyehara

First semester, 6 credits. Hours to be arranged.

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.

284 THE INFLUENCE OF BUDDHISM ON JAPAN Takakusu

Hours and credits to be arranged.

301 SEMINAR IN JAPANESE HISTORICAL LITERATURE Kimura

Hours and credits to be arranged.

A course for graduate students to do research work in Japanese history and literature.

Sanskrit

104 ELEMENTARY SANSKRIT Takakusu

Hours and credits to be arranged.

PHILOSOPHY

252-253 PROBLEMS OF PHILOSOPHY Moore

Continuous throughout year, 2 credits each semester T. 3:30-5.

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.

300 READINGS IN PHILOSOPHY Moore

Continuous throughout year. Hours and credits to be arranged.

310 SEMINAR IN LOGIC Moore

Hours and credits to be arranged.

Open to graduate students only.

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. Prerequisites: Philosophy 150-151 and Philosophy 270-271.

PHYSICAL AND HEALTH EDUCATION

220-221 PHYSICAL AND HEALTH EDUCATION Van Fossen

Continuous throughout year, 2 credits each semester. M. W. F. 2:30.

A study and practice of what constitutes a proper physical education and health program for children in elementary schools.

224-225 PHYSICAL AND HEALTH EDUCATION IN THE SECONDARY SCHOOL Bennett

Continuous throughout year, 2 credits each semester. T. Th. 2:30.

A course designed for prospective teachers of physical education and health in the secondary schools, with emphasis upon suitable activities for children of adolescent age.

PHYSICS

153 ELEMENTARY RADIO Beach

First semester, 3 credits. M. W. 7:30-9.

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. Laboratory fee \$4.

155 ELECTRICAL INSTRUMENTS AND MACHINERY Eller

First semester, 2 credits. T. 7:30-9.

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.

255 LIGHT Ballard

First semester, 3 credits. Hours to be arranged.

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. Laboratory fee \$4.

261 ADVANCED PHYSICS Staff

Hours and credits to be arranged.

Prerequisite: Physics 102 or the equivalent.

361 GRADUATE PHYSICS Staff

Hours and credits to be arranged.

POLITICAL SCIENCE

301 SEMINAR IN FAR EASTERN INTERNATIONAL RELATIONS Bachman

Continuous throughout year, 2 credits each semester. F. 3:30-5.

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. Hours to be arranged.

Open to qualified seniors and graduate students.

PSYCHOLOGY

200 READING OR RESEARCH Staff

Hours and credits to be arranged.

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.

280 SOCIAL PSYCHOLOGY Babcock

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

The psychology of human relations. A survey of the various psychological factors which operate to determine the behavior of an individual in his social relationships. Prerequisite: Psychology 150 or the equivalent.

285 THE DYNAMICS OF CHARACTER FORMATION M. Hunter
First semester, 2 credits. M. 3:30-5.

An analysis of the basic drives and the ways in which they are frustrated or satisfied by present day living. Case material illustrating the theoretical instruction to be drawn from the experience of members of the class. Suggestions for dealing with common behavior problems at home and at school to be worked out by the class.

300 READING OR RESEARCH Staff
First semester; repeated second semester. Credits and hours 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.

RELIGION

253 THE LIVES AND TEACHINGS OF THE GREAT PROPHETS Mark
First semester, 2 credits. M. 3:30-5.

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.

261 PSYCHOLOGY OF RELIGION Dunstan
First semester, 2 credits. Th. 3:30-5.

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.

RUSSIAN

100 ELEMENTARY RUSSIAN E. Embree
Continuous throughout year, 3 credits each semester. Hours to be arranged.

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.

101 INTERMEDIATE RUSSIAN Carr
Continuous throughout year, 3 credits each semester. Hours to be arranged.

Reading of selected shorter works of Pushkin, Gogol, Tolstoy, Dostoyevsky, Chekhov, and contemporary writers. Newspaper reading.

SOCIAL SCIENCE

290 TRAFFIC SAFETY TRAINING Clarke
Continuous throughout year, 2 credits each semester. W. 3-4:30.

This course has been planned to meet the increasing demand for teachers trained in the fundamental principles of traffic safety.

SOCIOLOGY

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

300 ADVANCED READING IN SOCIOLOGY Staff
Hours and credits to be arranged.
Registration by permission only.

ZOOLOGY

180 ANIMAL ECOLOGY Edmondson
Continuous throughout year, 3 credits each semester. Hours to be arranged.

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

210 ZOOLOGICAL SEMINAR Staff
Continuous throughout year, 1 credit each semester. Th. 4:30.

Presentation of seminar reports, reports upon research, or reviews of current zoological literature. Recommended for juniors, seniors and graduates; may be taken repeatedly.

262 MICROTECHNIQUE Hamre
First semester, 2 credits. Hours to be arranged.

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 Edmondson
Continuous throughout year. Hours and credits to be arranged.

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 \$2 each semester.

300 RESEARCH Staff
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.

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.