ANNOUNCEMENT
of the
EVENING SESSION
Including Late Afternoon, Evening
and Saturday Courses

1934-1935
PRESIDENT OF THE UNIVERSITY
DAVID L. CRAWFORD

COMMITTEE IN CHARGE

M. K. CAMERON, Professor of Economics, Chairman.
A. L. ANDREWS, Professor of English and Dean of the Faculties.
FRANCIS PETERSON, Associate Professor of Education.
CARL G. STROVEN, Instructor in English
HELEN B. MACNEIL, Registrar
M. D. VERNON, Executive Officer of the Committee.

CALENDAR
1934-1935

1934
September 10-15 Registration, part-time students at hours announced on page 11. Mon.-Sat.
September 10-11 Registration, evening students, 7:15-9:00 p. m. Mon.-Tues.
September 10 Instruction begins. Monday
November 11 Armistice Day. Sunday (celebrated Mon.)
Nov. 29-Dec. 1 Thanksgiving Recess. Thurs.-Sat.
December 22 Christmas Recess begins. Saturday (at noon)

1935
January 7 Work resumed. Monday
January 18-24 Mid-year examinations. Fri.-Thurs.
Jan. 31-Feb. 2 Registration, part-time students. Wed.-Sat.
January 30 Instruction begins. Wednesday
February 22 Washington's Birthday. Friday
March 30-31 Good Friday Recess. Fri.-Sat.
May 26-June 1 Final examinations. Sat.-Fri.
June 5 Twenty-third Annual Commencement. Tuesday
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 Wm. H. George, Room 116, Hawaii Hall
Mon.-Wed., 1-4 p. m.; Sat., 10:30-12 m.; Mon., Tues., 7:15-9 p. m.

Dr. Paul S. Bachman, Room 8, Library
Wed.-Fri., 1-4 p. m.

Prof. Gregg M. Sinclair, Room 19, Hawaii Hall Annex.
Mon., Wed., Thurs., 1-4 p. m.

Dr. Charles H. Edmondson, Room 102, Dean Hall
Tues., Thurs., Fri., 1-4 p. m.

Dr. Merton K. Cameron, Room 206-B, Hawaii Hall
Mon., Tues., 7:15-9 p. m.; Mon., Wed., Fri., 1-4 p. m.; Sat., 8:30-10:30 a. m.

COLLEGE OF APPLIED SCIENCE:

Dean Arthur R. Keller, Room 110, Hawaii Hall
Mon.-Wed., 1-4 p. m.; Mon., Tues., 7:15-9 p. m.; Sat., 9:30 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.,
Tues., 7:15-9 p. m., and Saturday, 8-12 m., for consultations with students who may wish to see him after they have conferred with their regular advisers.

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., 8-10 a. m.

Dr. Ephraim V. Sayers, Room 119 B, Teachers College.
(Adviser for those of Elementary School group who have earned 100 or more credits): Mon.-Fri., 1-4 p. m.; Tues., 7:15-9 p. m. (Room 112 Hawaii Hall); Sat., 8-12 m.

Dr. Francis Peterson, Room 213, Teachers College.
(Adviser for all teachers-in-service who have not yet earned 100 credits). Mon.-Fri., 1-4 p. m.; Mon. 7:15-9 p. m. (Room 112 Hawaii Hall) Sat., 8-12 m.

GRADUATE DIVISION:

Dr. Paul S. Bachman, Room 8, Library.
Tues., Thurs., 1:30-4 p. m.; Mon., Tues., 7:15-9 p. m.; Sat., 8:30-12 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.
INSTRUCTING STAFF

Oscar Nelson Allen, Ph.D., Assistant Professor of Plant Pathology and Bacteriology
B.A., Univ. Texas, 1927; M.A., Univ. Texas, 1927; Ph.D., Univ. Wisconsin, 1930.

Paul S. Bachman, Ph.D., Assistant Professor of Political Science

Lee Emerson Bassett, B.A., Professor of Public Speaking, Stanford University
B.A., Stanford Univ., 1901; Graduate, Cumnock School of Oratory, Los Angeles, 1898.

Ross S. Bean, B.S., Assistant Professor of Botany
B.S., Brigham Young Univ., 1921; Graduate Study, Univ. California, 1925-1927.

Muriel J. Bergstrom, M.A., Instructor in English

Leonora Neuffer Bilger, Ph.D., Hawaii Experiment Station

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.

Leilani R. Brown, B.A., Instructor in German Language
B.A., Vassar College, 1930.

Merton K. Cameron, Ph.D., Professor of Economics

Denzel Carr, Ph.M., Instructor in Romance Languages
Univ. Oklahoma; Kosciusko Scholar, 1929-1932; Ph.M., Univ. Krakow, Poland, 1932; Finologisch Institut, Univ. Leiden, Holland, 1932-1933.

Walter Carter, Ph.D., Entomologist, P.P.C.A. Experiment Station
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; Schuyler Fellow in Biology and Entomology, Cornell Univ., 1915-1916; Member, University Staff, Univ. Minnesota, 1916-1930; Fellow, Guggenheim Foundation, 1926-1927; Special Research, Rothamstead Experiment Station and European Parasite Laboratory, Hyeres, Var, France; Travelling Professor, International Education Board, Rockefeller Foundation, 1927.

T. Y. CHAR, M.A., Instructor in Chinese Language

VIOLET L. CHESTER, M.A., Lecturer in English

JULIUS L. COLLINS, Ph.D., Geneticist, P.P.C.A. Experiment Station
B.S., Univ. California, 1918; Ph.D., Univ. California, 1923.

J. J. DELPECH, C.P.A., Lecturer in Accounting
B.A., Stanford Univ., 1923; C.P.A., California State Board of Accountancy, 1927; Member, California State Society of Certified Public Accountants and of Hawaii Society of Certified Public Accountants; business and public accounting experience; accountant in charge, Henry Davis Audit Co., Honolulu.

CHARLES H. EDMONDSON, Ph.D., Professor of Zoology
Ph.B., Univ. Iowa, 1903; M.S., Univ. Iowa, 1904; Ph.D., Univ. Iowa, 1906.

WILLARD H. ELLER, Ph.D., Assistant Professor of Physics
B.S., Univ. California, 1914; M.S., Univ. Washington, 1925; Ph.D., Univ. California, 1928.

WILLIAM A. GABRIELSON, Lecturer in Police Administration
Summer Session, Univ. Calif., 1924, 1925; Berkeley School of Police Administration, 1924-1931; Chief of Police, Honolulu Police Dept.

MAY K. GAY, M.A., Instructor in Physical Education

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

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, France.
GEORGE P. GORDON, M.A., Instructor in History

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

CHRISTOPHER J. HAMRE, Ph.D., Assistant Professor of Zoology
B.A., St. Olaf College, 1923; M.S., Univ. Wisconsin, 1927; Ph.D., Univ. Wisconsin, 1930.

E. S. C. HANDY, Ph.D., Lecturer in Anthropology and Ethnology

MARIA HORMANN, B.A., Instructor in German Language
Staatsexamen fur Hohere Tochterschulen, Berlin, Germany, 1905; B.A., Univ. Hawaii, 1923.

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.

HAROLD T. KAY, LL.B., Lecturer in Business Law

ARTHUR R. KELLER, M.S., Professor of Engineering and Dean of the College of Applied Science
C.E., Cornell Univ., 1903; LL.B., National Univ., 1906; S.M. C.E., Harvard Univ., 1916; M.S., Massachusetts Institute of Technology, 1916.

RALPH S. KUYKENDALL, M.A., Assistant Professor of History
B.A., College of Pacific, 1910; M.A., Univ. California, 1918.

EVA LECLAIR, B.A., Instructor in French

SHAO CHANG LEE, M.A., Professor of Chinese Language and History
Graduate, Canton Christian College, China, 1911; Graduate, Tsing Hua College, Peiping, China, 1913; B.A., Yale Univ., 1917; M.A., Columbia Univ., 1918.

ANDREW W. LIND, Ph.D., Assistant Professor of Sociology
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.

THAYNE M. LIVESAY, PH.D., Professor of Education and Psychology  

PATRICK LOGAN, B.D., Professor of Philosophy  
B.D., College of Sacred Hearts; B.D., Gregorian Univ., Rome, 1909.

AMY MACOWAN, M.A., R. N., Instructor in Public Health Nursing  
B.A., Beloit College, 1914; Diploma, Presbyterian Hospital School for Nurses, Chicago, 1922; M.A., Teachers College, Columbia Univ., 1926; Educational Supervisor, Palama Settlement.

OSCAR C. MAGISTAD, PH.D., Chemist, P.P.C.A. Experiment Station  
B.S., Univ. Wisconsin, 1922; M.S., Univ. Wisconsin, 1923; Ph.D., Univ. Wisconsin, 1924.

CAREY D. MILLER, M.S., Assistant Professor of Foods and Nutrition  
B.A., Univ. California, 1917; M.S., Columbia Univ., 1922; Graduate Study, Yale Univ., 1928-1929.

IWAO MIYAKE, M.S., Instructor in Physics  
B.S., Univ. Hawaii, 1926; M.S., Univ. Hawaii, 1929; Graduate Study, Univ. California, 1929.

STANLEY D. PORTEUS, D.Sc., Director, Psychological Clinic  
Lecturer, Experimental Education, Univ. Melbourne, 1916; Research Scholar, Anatomy Department, Univ. Melbourne; Director, Research Laboratory, Vineland, N. J., 1919-1925; D.Sc., Univ. Hawaii, 1933.

DONALD WINSLOW ROWLAND, PH.D., Assistant Professor of History  
B.A., Univ. California, 1925; M.A., Univ. California, 1926; Ph.D., Univ. California, 1930.

MASAMICHI ROYAMA, PH.D., Lecturer in Japanese History  
Professor of Public Administration, Tokyo Imperial Univ.

EPHRAIM V. SAYERS, PH.D., Professor of Education  

* In Hawaii School of Religion, affiliated with the University.
D. R. Sherretz, M.A., Instructor in Police Administration

Christos Plutarch Sideris, Ph.D., Physiologist, P.P.C.A.
Experiment Station
B.C., Samos Lyceum, Greece, 1909; B.S., Univ. Calif., 1921; Ph.D., Univ. Calif., 1924.

Gregg M. Sinclair, M.A., Associate Professor of English

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

Carl G. Stroven, M.A., Instructor in English

Jesse A. Tanner, Ph.D., Assistant Professor of Education

Yukuo Uyehara, B.A., Instructor in Japanese Language
B.A., Univ. Hawaii, 1931.

Harold A. Wadsworth, B.S., Associate Professor of Agriculture

Benjamin O. Wist, M.A., Professor of Education and Dean of Teachers College

Arthur E. Wyman, B.S., Assistant Professor of Dramatic Art
B.S., Dartmouth, 1911.

Ruth L. T. Yap, M.A., Instructor in Mathematics
THE UNIVERSITY OF HAWAII

The University of Hawaii was established by act of the Territorial Legislature in 1907. It is a land-grant university, and bears the same relation to the Territory that the several state universities bear to their respective states. It draws about one-half 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, and several non-academic units. The University Extension Division conducts courses carrying University credit in towns of the Territory other than Honolulu and a few non-credit courses on the University campus. The academic year is divided into two semesters of eighteen weeks each, with a Summer Session of six weeks.

THE EVENING SESSION

The Evening Session is not a departmental division or college within the University administered by a dean or director, but rather a term conveniently applied to courses of the regular session on the campus offered in the late afternoon and evening and on Saturdays, primarily for the benefit of adults who cannot attend during the morning hours. Such administrative problems as arise in connection with these courses are handled by a committee of the faculty and the deans of the various colleges.

Regular members of the University faculty supplemented by a few other instructors in special fields comprise the teaching staff in the Evening Session.

All Evening Session courses give full residence credit. They should not be confused with non-credit courses on the campus or credit extension courses off the campus offered by the Extension 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.D., M.A., etc., depends on the policy and requirements of the particular college concerned or of the Committee on Graduate study.

ADMISSION

The University admits four distinct types of students who are classified as follows: (1) Regular Students, (2) Unclassified Students, (3) Special Students, and (4) Auditors. All candidates for admission to either of the first three classifications must file an application form with the Director of Admissions.
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, taking a limited program of courses. Persons less than 21 years of age may be admitted as Unclassified Students, provided they are able to fully meet the entrance requirements for regular Freshman standing but desire to carry only a limited program of courses not leading toward a bachelor's degree.

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

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

Special students who satisfactorily complete a course or series of courses may, upon application to the Registrar, be granted a statement showing the nature and amount of the work so completed.

ADMISSION OF AUDITORS

Auditors are persons who attend certain 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 make application 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 Executive Officer of the Evening Session. Auditors pay the regular registration and tuition fees.

REGISTRATION DATES

Evening Session students of all classifications will register in Hawaii Hall on September 10-14 inclusive, from 1-4 p.m., on September 10 and 11 from 7:15-9 p.m. and on Saturday, September 16, from 8 a.m.-12 noon.

Any Evening Session student enrolling in courses after 12 noon September 15 must pay a late registration fee of $1.00.

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

Instruction begins on Monday, September 10.
FEES

A tuition fee of $5 per credit hour is charged each Evening Session student who is carrying less than 10 credit hours, regardless of whether he is enrolled as an Unclassified Student, Special Student, or Auditor. No registration fee will be charged.

No refunds will be made after two weeks following the announced registration days. During this period, changes of schedule or withdrawal may be made without penalty or forfeiture. For Evening Session students this two weeks interval closes September 29.

All fees must be paid as part of registration and no registration card will be finally accepted until it is endorsed showing payment.

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

COURSES OF STUDY

Because of the professional nature of certain Evening Session courses, registration in these courses is restricted to students and teachers enrolled in Teachers College, except in cases where the students and teachers in other colleges secure the permission of their respective deans and the dean of Teachers College. Such courses are marked with an asterisk.

BIOLOGY

236 Nature Study Brown

The work will center about the following: (1) plant and animal communities, stressing the interaction of one form of life upon another; (2) availability, cost, and importance of equipment, care of potted plants, glass and dish gardens, aquaria, etc. First or second semester, 2 credits. Not open to students who have had Nature Study 136, or 160-161. T. 3-4:30. Th. 3-4:30 (two sections).

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 $2.00. No prerequisites. Two hours of illustrated lecture a week. First semester, 2 credits. Th. 7-9 p. m.

210 Botanical Seminar Botanical Staff

Presentation of seminar reports, reports upon research, or views of current botanical literature. Recommended for Juniors, Seniors, and Graduates, and may be taken repeatedly. One recitation hour per week. F. 4:30.

BUSINESS

252-253 Intermediate Accounting Delpech

A rapid survey of the same subject matter covered in Business 250-251. Organized primarily for unclassified evening students. Offered only in the evening. Credit will not be allowed in both this course and Business 250-251. Prerequisites: Unclassified student status, a grade of at least "C" in Business 151 or 153 and Economics 150-151, or consent of the instructor. First and second semesters, 3 credits each. T. Th. 7:45-9 p. m.
256 Income Tax Procedure
Federal and Territorial Income Tax laws and related accounting problems. Problems will be solved and tax returns prepared. Scheduled only in the evening. Prerequisites: Business 251 or 253 and Economics 150-151 or permission of the instructor. First semester, 3 credits. W. 7:30-9:10 p.m.

260-61 Business Law
This course deals in a general way with the following subjects: Nature and sources of law; judicial procedure; contracts; agency and sales; partnerships and corporations; negotiable instruments; personal and real property; suretyship and guaranty; bankruptcy; insurance. Scheduled in the evening in alternate years. Prerequisite: Junior standing or permission of the instructor. First and second semesters, 2 credits each. M. 7:30-9:10 p.m.

266 Investments and Investment Banking
A general survey of investments and investment banking stressing the economic theory of investment, tests of investment, personnel of investors, investment credit analysis, mathematics of investment, tools of investment, types of investment institutions and their functioning in the process of investment. Prerequisites: Economics 150-151 and Business 150-151 or consent of the instructor. First semester, 2 credits. M. 7:30-9:10 p.m.

280 Personal Salesmanship
A study of sales tactics and methods. Buying motives, prospecting, equipment, sales canvass, securing the interview, approach, demonstration, objections, closing, and types of customers are some of the subjects emphasized. Consideration is also given to the more important problems of particular kinds of personal selling, such as insurance, real estate, etc. Prerequisite: Economics 150-151 and Business 270-271. First semester, 2 credits. T. 7:30-9:10 p.m.

ECONOMICS
123 History of Economic Institutions
An historical survey of economic institutions from primitive times until the present. Population trends, agricultural changes, labor and manufacturing systems, evolution of capital and business organization, origin and growth of transportation facilities, and development of money and banking are some of the topics discussed. Causes and effects of institutional changes and their relation to human welfare are stressed. Library fee, $1.50. First and second semesters, 3 credits each. T. Th. 3:30-5.

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

ENGINEERING
C.E. 256-257 Stresses in Simple Structures
The subject is treated by means of lectures and recitations which cover the principles underlying the analysis of stresses in simple structures, including a review of the laws of statics and the application of these laws to the essential fundamentals of the theory
of simple structures. Open to students who have at least junior standing in engineering. Offered in the evening primarily for engineers and practitioners in service. First or second semesters, 2 credits. M. 7:30-9 p.m.

ENGLISH

100 Composition Bergstrom
The principles of exposition, description, and narration; analysis of illustrative specimens; frequent written exercises, and individual conferences with the instructor; occasional exercises in oral composition; collateral reading. Designed to lead not only to correctness of expression, but also to a knowledge of constructive principles. Either this course or English 102 is required of all Freshmen in the Colleges of Applied Science and Arts and Sciences. Collateral reading fee, $1.00 first semester. First and second semesters, 3 credits each. M.W. 7:30-8:45 p.m.

162-163 Modern Drama Wyman
A critical reading of selected modern plays with special emphasis upon dramatic values. First and second semesters, 3 credits each. T. Th. 3:30-5.

209 Public Speaking Chester
Practice in the preparation and delivery of public speeches. The course is designed to meet the needs of persons who need to speak before groups, in clubs, or at public and semi-public functions. Prerequisite: English 100 for students desiring credit. Credit will not be given for both this course and English 205. First and second semesters, 2 credits each. T. 7:30-9 p.m.

216 European Masters Sinclair
A study of the writings in translation of sixteen European masters from Dante to Ibsen, including Cervantes, Goethe, Voltaire, Rousseau, Montaigne, Molière, Hugo, Flaubert, Anatole France, Tolstol, Dostoevsky, Turgenev, Bjornson, Stringberg. Lectures; reports. Library fee, $1.00. Prerequisite: English 130 or equivalent. First and second semesters, 3 credits each. T.F. 3:30-5.

230 American History in American Fiction Stroven
Reading and discussion of narratives treating imaginatively important events of American history. Designed to parallel and supplement History 242-243 and open only to students taking that course. First and second semesters, 1 credit each. S. 10:30.

282 Teaching Speech in the Schools Bassett
The work of this course will include a consideration of speech problems and activities in elementary and secondary schools, methods of classroom procedure, projects, and materials useful to the teachers and adapted to individual and classroom needs. The course is intended primarily for public school principals. First semester, 2 credits. T. 3:30-5.

FRENCH

101 Nineteenth Century French Novel LeClair
Reading of selected masterpieces of Hugo, Daudet, Balzac, Sand, and others. Conversation, lectures, and preparatory school. First and second semesters, 3 credits each. T. Th. 3:30-5.
201 Phonetics  
A study of French sounds. Required of those majoring in Romance Languages. Conversation and diction. First and second semesters, 1 credit each. S. 8:30.

GERMAN

100 Elementary German  
Hörmann, Brown  
A course for beginners in the German language. Grammar developed from easy reading material. Exercises in reading and translating German. Singing of German folk songs. First and second semesters, 3 credits each. M.W. 7:30-8:45 p. m.

101 Intermediate German  
Brown  
Continuation of German grammar according to methods used in first year. A vocabulary is built up by discussing pictures. Reading and practice of sight reading in class. In the second semester students keep a diary in German which is corrected by the instructor. First and second semesters, 3 credits each. M. F. 3:30-5.

200 Advanced German  
Hörmann  
Rapid reading for comprehension. German classics: Lessing, "Minna von Barnhelm" and "Nathan der Welse"; Schiller, "Wallenstein" and "Don Karlos"; Goethe, "Gotz von Berlichingen" and "Egmont"; Buerger, "Balladen." Free compositions. This course is conducted entirely in German. First and second semesters, 3 credits each. T. Th. 3:30-5.

202 Advanced Scientific German  
Hörmann  
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. Prerequisite: Two years of college German or permission of the instructor. First and second semesters, 1 credit each. T. 5-6.

HISTORY

254 Ancient History  
Rowland  
A history of the Mediterranean World to the sixth century A.D. Prerequisites: History 100, or consent of the instructor. First semester, 2 credits. T. 3:30-5.

277 The Pacific Region in Modern Times  
Kuykendall  
First contact of East and West; discovery and exploration; activities of traders and missionaries; development of European and American interests; origin of current problems. First and second semesters, 2 credits each. Th. 3:30-5.

HOME ECONOMICS

H. E. 253 Child Care and Home Nursing  
Gaudin & MacOwan  
A course dealing with reproduction, needs of the expectant mother, child birth, care of the infant and pre-school child, normal growth of children, and minor ailments, accidents, and common diseases of children. A portion of the course will be given to the discussion and practice of home nursing. First semester, 2 credits. T. Th. 3:30.
MATHEMATICS

260 Teaching of Elementary Mathematics  Yap
A study of the principles of arithmetic, algebra, geometry, and trigonometry, with reference to methods of teaching. Prerequisites: high school algebra and geometry. First semester, 2 credits. T. Th. 3:30.

MUSIC

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

ORIENTAL STUDIES

100B Beginners' Course for Occidental Students  Char
Study of 250 foundation characters each semester. Reading and construction of characters and sentences, dictation, simple conversation, and translation. First and second semesters, 3 credits each. T. Th. 3:30-5. (Note: Since the methods and technique of teaching the Chinese language to Occidental students are necessarily different from those in presenting the subject to Oriental students, a separate division of Beginners' Chinese is offered for Occidental students.)

101B Intermediate Course for Occidental Students  Char
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. 7:30-8:45 p. m.

102B First Year Colloquial Japanese for Occidentals  Uyehara
Pronunciation and conversation, using the Romanized spelling. The use of simple words and idiomatic phrases in every day conversation. Reading and translation of Romanized readers and magazines. First and second semesters, 3 credits each. M. W. 7:30-8:45 p. m.

202B Third Year Japanese for Occidentals  Uyehara
Advanced Japanese for Occidental students. Reading and translation of Japanese readers supplemented by magazines. Composition and oral exercises. First and second semesters, 3 credits each. T. Th. 7:30-8:45 p. m.

241 History of Oriental Religions  Lee
A study of the religious movements in the Orient, both ancient and modern. Lectures on Confucianism, Taoism, Buddhism, Shinto, Folk Cults, and Christian Missions in China and Japan. Library fee, $1.00 per semester. First and second semesters, 2 credits each. Permission of instructor required. F. 3:30-5.

254-255 Chinese Philosophy and Art  Lee
A general survey of the development of Chinese philosophy and art. 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. Library fee $1.00 per semester. First and second semesters, 2 credits each. Permission of instructor required. M. 3:30-5.

290 Contemporary Japan Royama
A survey of social, economic and cultural trends in Japan. First semester, 2 credits. M. 7:30-9:10 p.m.

PHYSICAL AND HEALTH EDUCATION

270 Women's Athletics Gay
This course deals with the coaching of team games, including basketball, volleyball, baseball, and other sports such as archery, tennis, etc. Registration contingent upon the consent of the instructor. First semester, 2 credits. T. 3:00-5 p.m.

PHYSICS

153 Elementary Radio Miyake
Prerequisite: High school physics or the equivalent. This course deals with the fundamentals of radio. It is planned to familiarize the student with the elementary theory, design, and construction of radio receiving sets and audio amplifiers. Two lecture periods and one laboratory period per week. First semester, 3 credits. T. Th. 7:30-9:10 p.m.

155 Electrical Instruments and Machinery Eller
A non-mathematical treatment of the principles of operation and construction of direct and alternating current instruments and machinery, and their use in electrical circuits. Lectures, demonstrations, and discussion. First semester, 2 credits. T. Th. 7:30-9:10 p.m.

POLICE ADMINISTRATION

250 Organization Gabrielson, Sherretz
Historical developments of police systems, and the present organization and functioning of the Honolulu police. First semester, 2 credits. Th. 7:30-9:10 p.m.

POLITICAL SCIENCE

171 Problems of Democracy George
A study of the problems of the modern democratic state: electoral problems, the direct primary, political propaganda, etc. First semester, 2 credits. M. 3:30-5.

252 The Constitution and the Recovery Program of the United States Bachman
The general principles of the American constitution, with emphasis on the question of the constitutionality of the Recovery Program. First and second semesters, 2 credits each. T. 7:30-9:10 p.m.

PSYCHOLOGY

280 Social Psychology Porteus
The psychology of human relations. A survey of the various psychological factors which operate to determine the behavior of an individual in his many social relationships. Prerequisite: Psychology 150 or the equivalent. First semester, 2 credits. T. 3:30-5.
100 Fundamental Problems
In this general course an attempt is made to consider the con­tribution of religion, art, science, and morals to human happiness. Open to Freshmen and Sophomores only. First and second semesters, 1 credit each. S. 9:30.

204 History of Philosophy
An investigation of philosophical systems as to origin, develop­ment, and mutual relation, selection being made from the four great periods designated as (1) Indian and Chinese, (2) Greek and Latin, (3) Patristic and Medieval, an (4) Modern European. First and second semesters, 2 credits each. Th. 3:30-5.

256 Nature Worship is Hawaii
Religious experience, mythology, deities, and ritual in relation to life and culture in Hawaii and Polynesia. Comparison with other advanced historic nature cults. First semester, 2 credits. T. 3:30-5.

100 Elementary Russian
First semester: A practical phonetic introduction followed by direct-method teaching of every-day Russian. Second semester: Reading of Tolstoy’s stories in Harper’s Russian Reader (University of Chicago Press). Emphasis on both pre- and post-Revolutionary realia. First and second semesters, 3 credits each. M. F. 3:30-5.

*271 History Materials for Children
An attempt to develop an acquaintance with types and sources of history materials suitable for use of pupils in the middle and upper elementary years. First semester, 1 credit. S. 8:30.

SOCIOLOGY
268 Human Migrations

SPANISH
101b Contemporary Spanish Literature
Works of Galdos, Valera, Pereda, Ibanez, and others. Conversation and composition based on Waxman’s “A Trip to South America.” Commercial correspondence. First and second semesters, 3 credits each. T. Th. 7:30-8:45 p. m.

* The courses in Religion are offered by the Hawaii School of Religion, which, though affiliated with the University, is independently supported and is managed by its own board of trustees.
ZOOLOGY

210 Zoological Seminar  Zoological Staff
Presentation of seminar reports, reports upon research, or reviews of current zoological literature. Recommended for Juniors, Seniors, and Graduates; may be taken repeatedly. One recitation hour a week. First and second semesters, 1 credit each. Th. 4:30.

GRADUATE COURSES

Information concerning graduate work at the University of Hawai'i should be obtained from Dr. P. S. Bachman, chairman of the Committee on Graduate Study.

BOTANY

300 Botanical Research  St. John, Bean, Allen, or Weller
Open to Graduate students who show sufficient preparation and ability to carry on studies of an investigational nature. Laboratory fee $1.00 per credit hour. Hours and credits to be arranged.

301 Physiological Seminar  Sideris
During each semester intensive study is made of some topic in the field of Plant Physiology by a presentation of the latest important contributions on the subject. Prerequisites: Botany 266 and Chemistry 211. For the year 1934-1935 “Plant Metabolism” will be taken up in all its phases throughout the entire academic year. 1 credit each semester. Hours to be arranged.

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

303 Plant Pathology Seminar  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. T. 4:00.

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.

BUSINESS

300 Seminar in Business  Cameron, Graham
Directed reading or research work in selected fields. Open only to Graduates and Seniors who have displayed the ability to carry on independent work. First and second semesters. Credits given depend on the work done but in no case can a student receive more than 3 credits a semester.

CHEMISTRY

310 Biochemical Seminar  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. 1 credit. Hours to be arranged.
20

ECONOMICS

300 Seminar in Economics  Cameron
 Directed reading or research in selected fields. A thesis is required. Open only to Graduates and Seniors who have displayed the ability to carry on independent work. First and second semesters. Credits given depend on the work done but in no case can a student receive more than 3 credits a semester.

EDUCATION

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

345 Seminar in Philosophy of Education  Sayers
 Advanced study of controversial problems in education. Open to a limited number who have earned from 2 to 4 credits in Education 340. First and second semesters, 2 credits each. M. 7 p. m.

350 History of Education  Tanner
 A survey of the development of educational thought and practice, from the time of the Greeks 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. W. 3:30-5; F. 3:30-4:30.

351 Advanced Educational Psychology  Livesay
 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. First or second semester, 2 credits. M. 3:30-5.

361 Mental Deficiency and Abnormality  Smith
 A consideration of the causes and principal types of deficiency and abnormality. This course is designed to aid in recognizing subnormal and neurotic children, and in making the proper educational adjustments. Registration only by permission of instructor. First semester, 3 credits. M. W. 3-4.

380 Seminar in Research and Thesis Writing  Livesay
 This course is designed to assist Graduate students in thesis preparation and will deal principally with research technique and thesis development. Registration only by permission of instructor. First semester, 2 credits. S. 10:30-12.

395 Seminar for Probationary Teachers  Livesay, Sayers
 A course designed for fifth year probationary student teachers dealing with problems of classroom procedure. Organized in sections for elementary and secondary fields. First or second semester, 2 credits. T. W. 3:30-5.
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.

GENETICS

300 Seminar in Genetics Collins
The seminar will make a critical review of current, fundamental researches in the field of experimental genetics by means of reports upon assigned readings. Prerequisite: advanced study in genetics. Throughout the year, 2 credits each semester. Hours to be arranged.

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

HISTORY

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

HOUSEHOLD SCIENCE

350-351 Seminar in Nutrition Miller
The course includes a review of current literature of interest to students of nutrition. The major part of the work is the preparation of reports and reviews of articles on assigned topics, followed by group discussion. Prerequisite: qualified preparation in nutrition and physiological chemistry. The permission of the instructor is required for admission to the course. First and second semesters, 1 credit each. M. 3:30-5.

ORIENTAL STUDIES

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

PSYCHOLOGY

351 (See Education 351)
361 (See Education 361)
SOCIOLOGY

350-351 Race Contacts in Hawaii

A seminar course including lectures relating to race relations research in Hawaii. Class members will carry on research projects relating to the social process in Hawaii. Conclusions are to be presented to the class for criticism. Admission is limited to eight Seniors or Graduate students with special permission. First and second semesters, 2 credits each. T. 7:30-9:10 p. m.

SOIL SCIENCE

302 Research in Soil Bacteriology, Soil Chemistry, or Soil Physics

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

352 Bacterial Decomposition

A seminar reviewing the literature on bacterial decomposition of nitrogenous and cellulosic matter in the soil. The various groups of bacteria and fungi will be studied with regard to their prevalence in soils and their specific and combined functions in these processes. First semester, 1 credit. Hours to be arranged.

ZOOLOGY

300 Research

Students with sufficient preparation are encouraged to undertake the investigation of special zoological problems with reference to land, fresh water, or marine animals. Hours and credits to be arranged. Laboratory fee not less than $5.00 per semester.